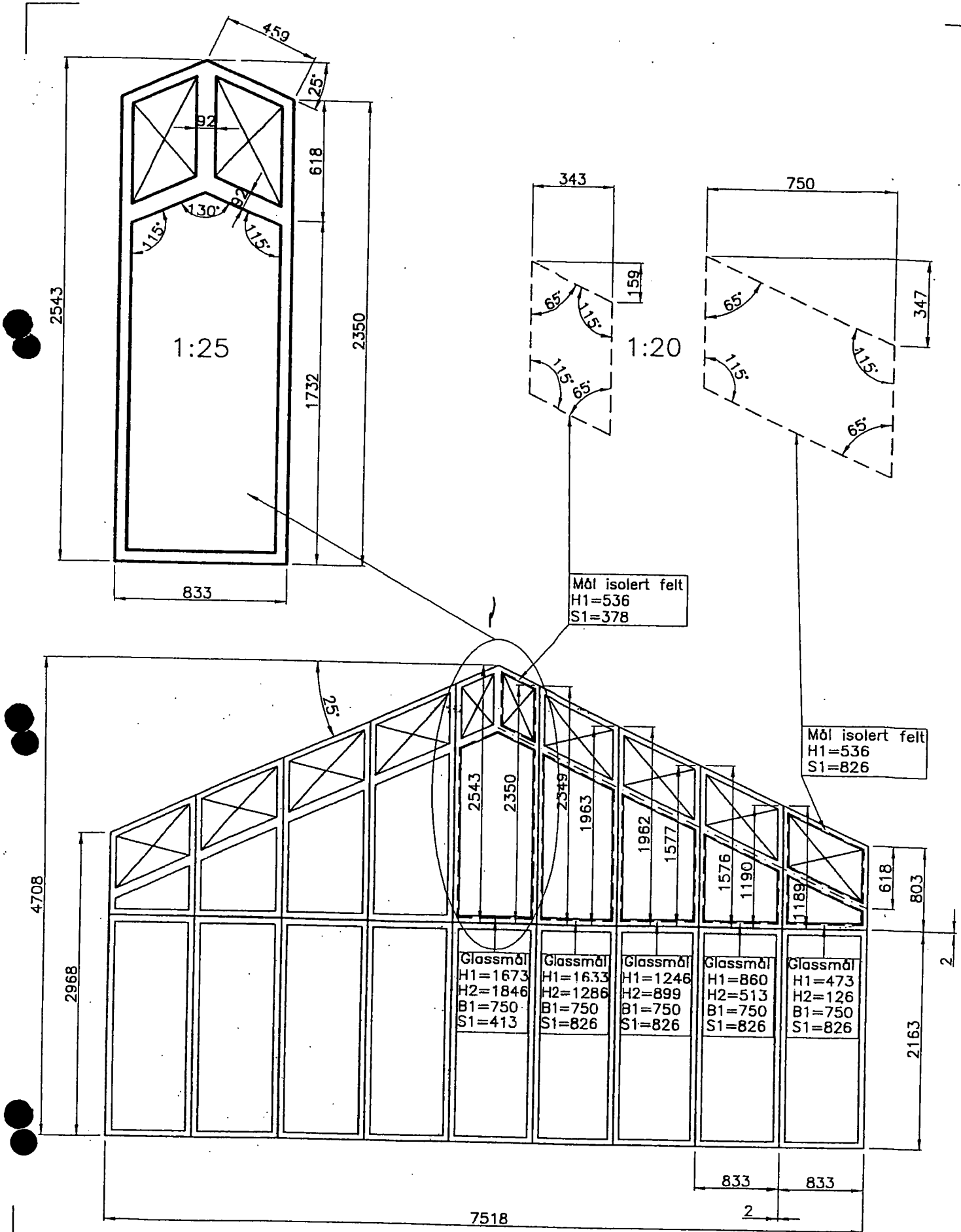
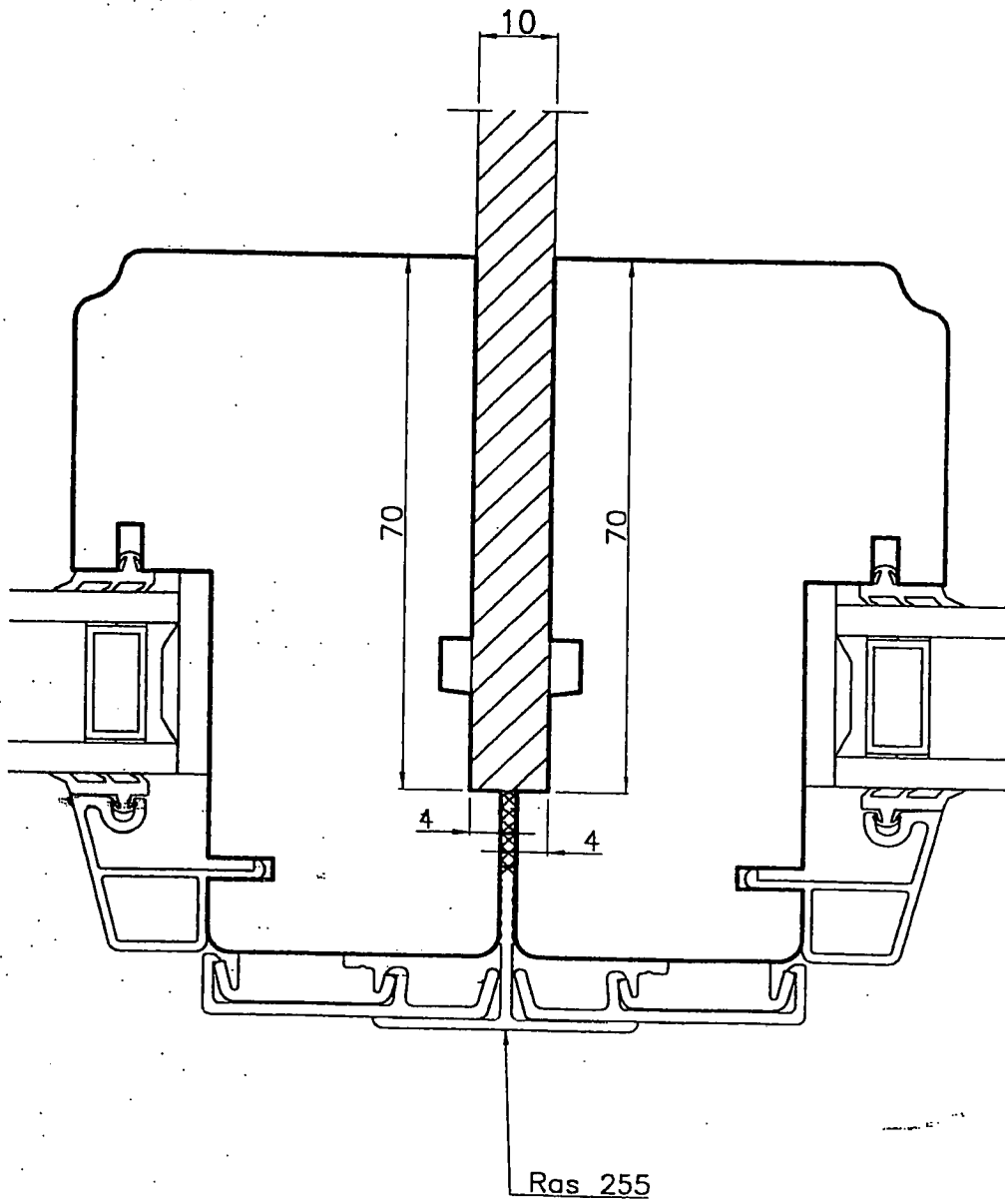


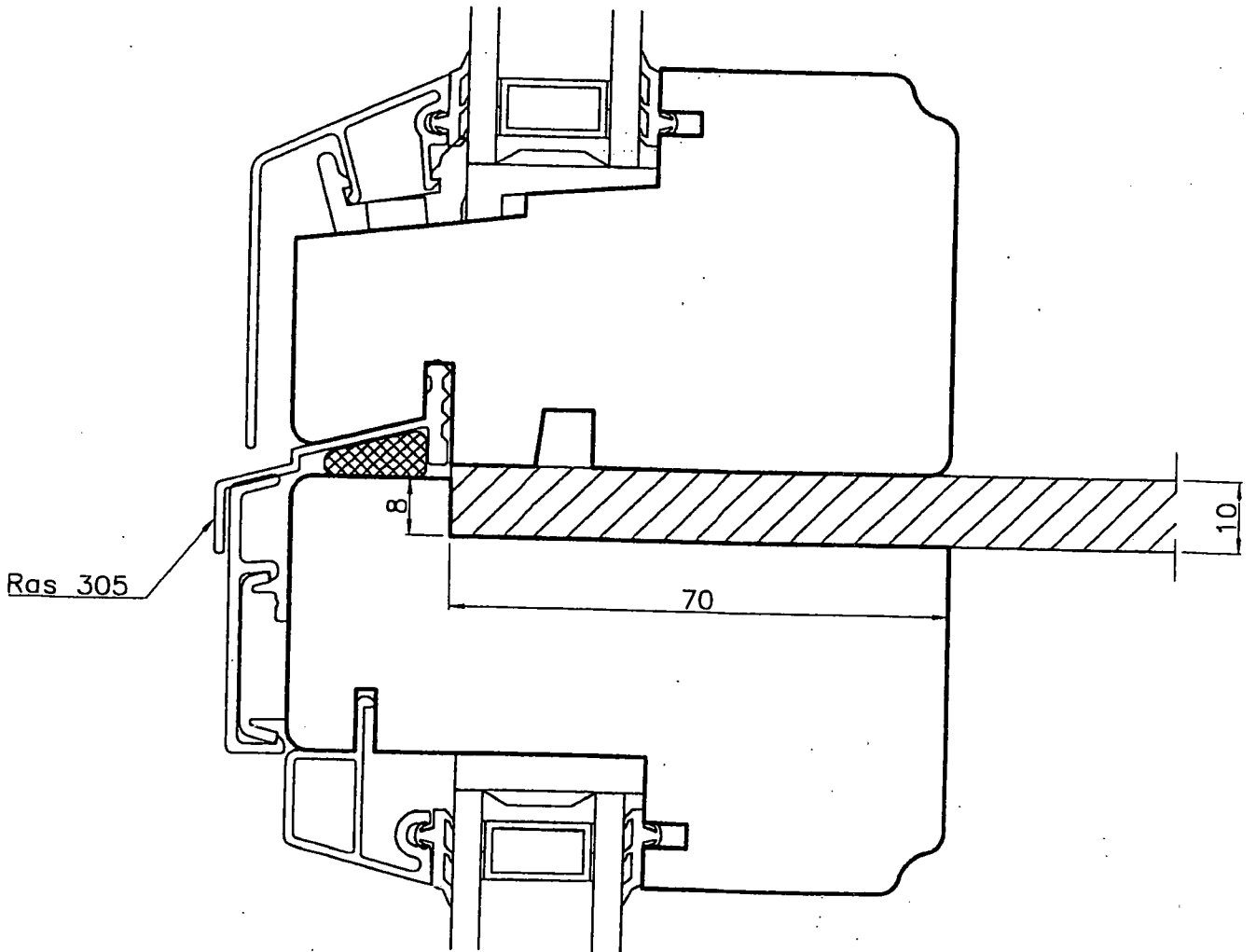
15/09/2015
 PAGE 7.

CAIRNGORM FUNICULAR
BOTTOM STATION
SCREEN W10



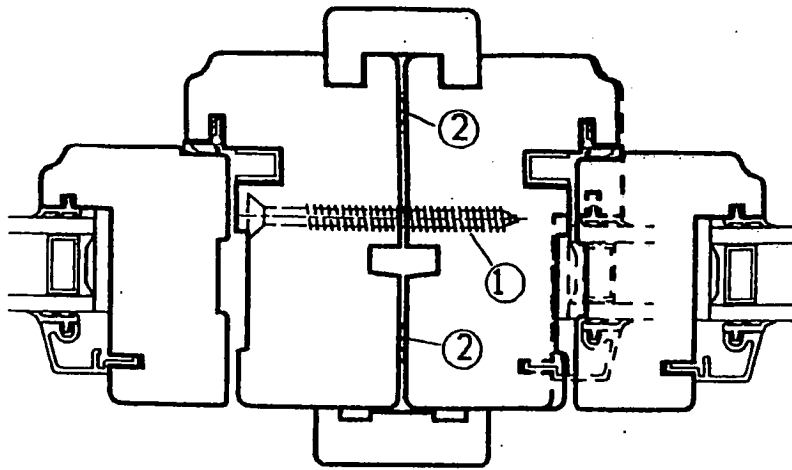


du fortjener det bedste
NorDan[®]
- når det gælder vinduer og dører



Antall skruer:

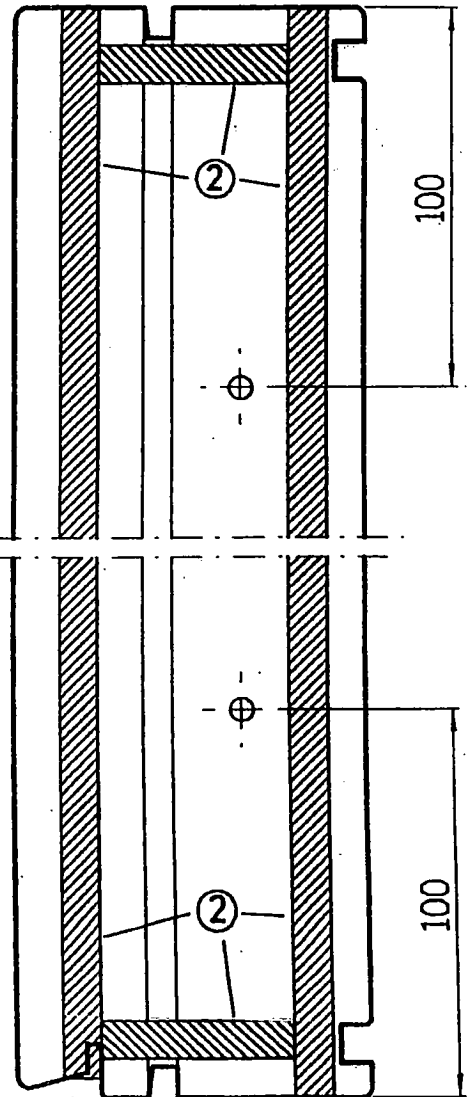
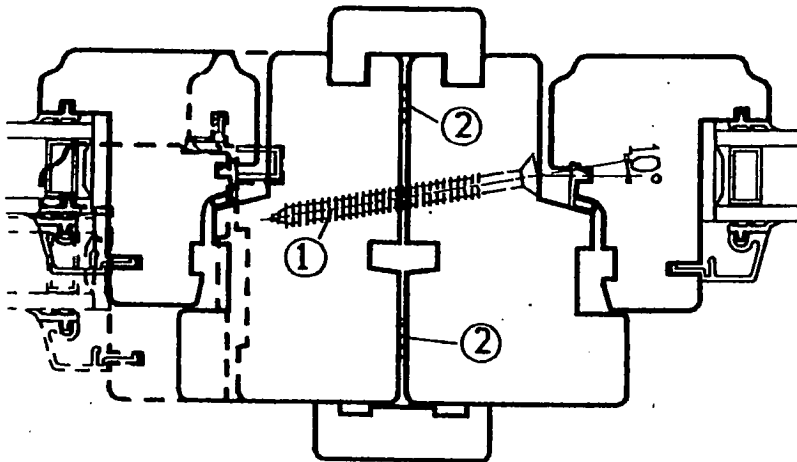
- Høyde opp til 588: 2 stk.
- Høyde over 588 til 988: 3 stk
- Høyde over 988 til 1488: 4 stk
- Høyde over 1488: 5 stk.



- 1) Treskrue 6,0 X 70 mm
- 2) Nordsjølist E-profil 4 X 8 mm

ND 92/67 / ND HG

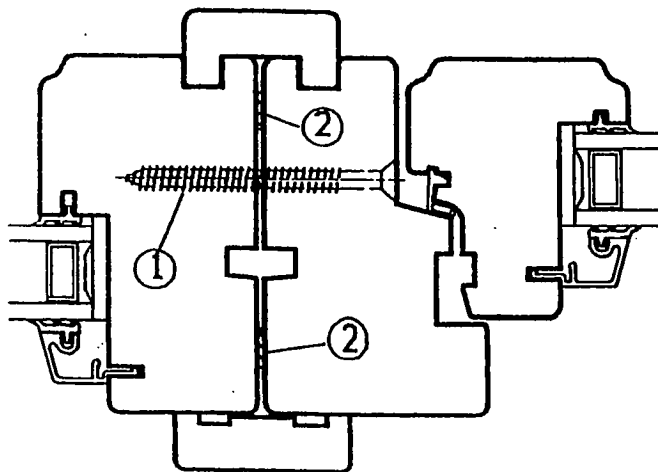
ND 92/67



Skruelassering, fordeles med lik avstand.

ND Fast

ND 92/67



ND Sammensetning

Dato: 05.12.96

Konstr: AOS

Rev:

Stgn:

Mål: 1:2



Henv: 850-03

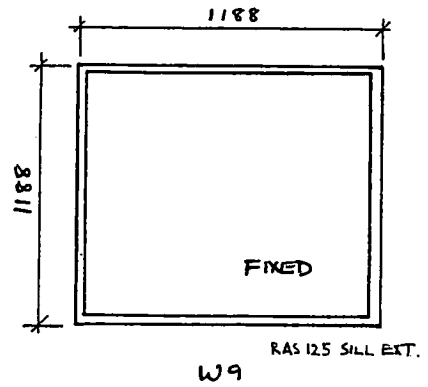
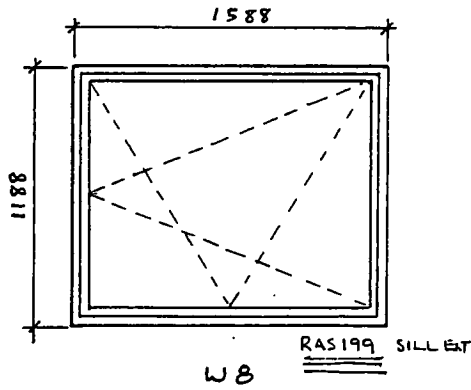
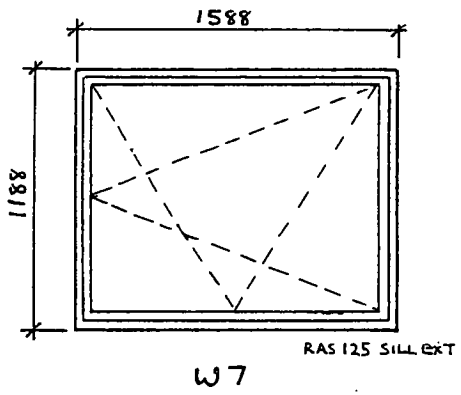
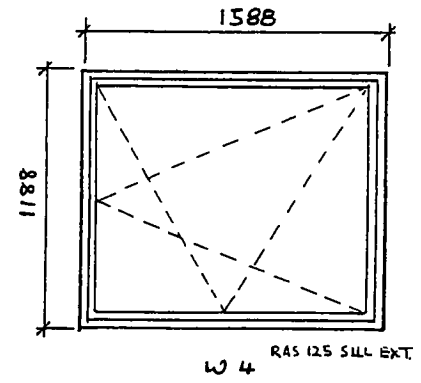
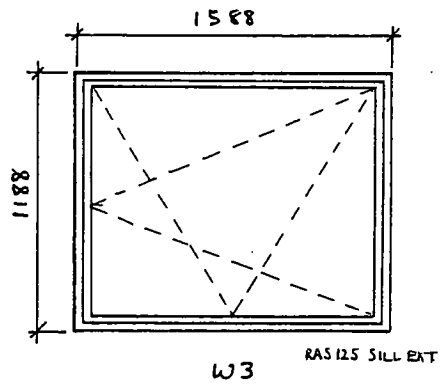
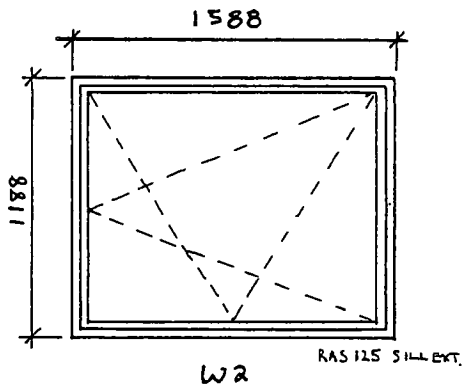
pssl

Tegn.nr:

0A010-621

Rev

Monteringsanvisning for vertikale sammensetninger



15/09/00

MORRISON CONSTRUCTION**CAIRNGORM FUNICULAR RAILWAY – BOTTOM STATION****PRODUCT SPECIFICATION FOR NorDan WINDOWS AND SCREENS****Windows – W2, W3, W4, S7, W8**

- ND92 Tilt Turn (3 handle operation)
- Nordic Pine pressure treated with preservative
- External face clad with aluminium powder coated to RAL 5022
- Internal face pre-finished with ND1L-20 clear lacquer
- Pre-glazed with 28mm double glazing 6mm toughened outer pane
16mm air space and 6mm toughened inner pane
- Silver chrome lockable handles
- SAA adjustable draughtproof ventilators
- Grooves all round
- Accessories - RAS125 aluminium extension sills powder coated to RAL 5022
(window types W2, W3, W4 and W7)
 - RAS199 aluminium extension sill powder coated to RAL 5022
(window type W8)

Window W9

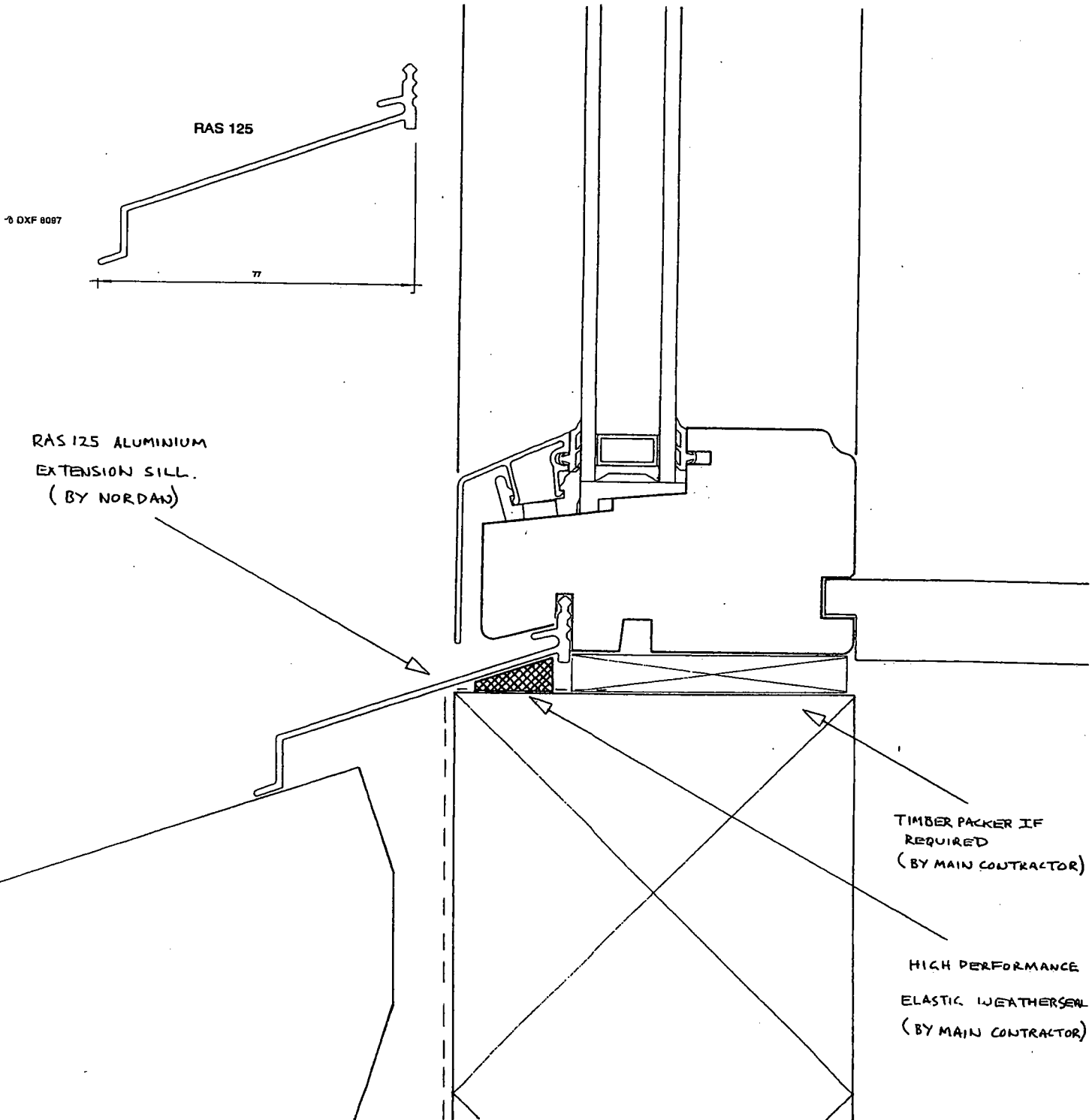
- ND Fixed light
- Nordic Pine pressure treated with preservative
- External and internal faces pre-finished with ND1L-20 clear lacquer
- Pre-glazed with 24mm double glazing 4mm toughened outer pane
16mm air space and 4mm toughened inner pane
- Grooves all round
- Accessories - RAS 125 aluminium extension sill powder coated to RAL 5022

Screens – W1, W5, W6, W10

- ND Fixed lights
- Nordic Pine pressure treated with preservative
- External face clad with aluminium powder coated to RAL 5022
- Internal face pre-finished with NSIL-20 clear lacquer
- 28mm double glazing 6mm toughened outer pane 16mm air space and 6mm toughened inner pane. (Glass and beads supplied loose for site installation to NorDan's standard glazing specification)
- Insulated panels (W5 and W10) 37mm thick panels with aluminium powder coated to RAL 7031 bonded to HDF outer face, polyurethane foam core and HDF inner face unlacquered. (panels and beads supplied loose for site installation to NorDan's standard glazing specification)
- Transomes on the slope in top units of W10 to be 92mm x 92mm
- Groove all round except jambs and heads with rebates for metal angles.
- Accessories - RAS125 aluminium extension sill powder coated to RAL 5022 (Window types W1 and W6)
 - RAS199 aluminium extension sill powder coated to RAL 5022 (Window type W10)
 - RAS255 aluminium 'T' profile external vertical coupling plates powder coated to RAL 5022
 - RAS305 aluminium profile external horizontal coupling flashing powder coated to RAL 5022
- Special preparation to frames to accommodate 10mm thick metal Fins and Flanges

See Plan through vertical joint and Section through horizontal joint attached

W1	3 Vertical joints
W6	5 Vertical joints
W10	8 Vertical joints
W5	1 Horizontal joint
W10	1 Horizontal joint



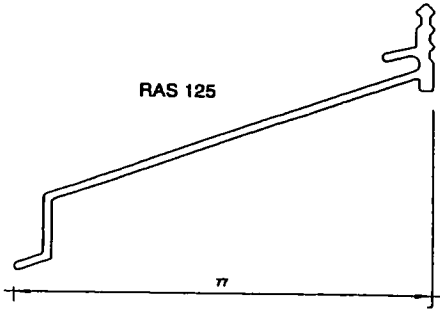
A.W.D.S. 20/10/00

CAIRNGORM FUNICULAR

W1, W6.

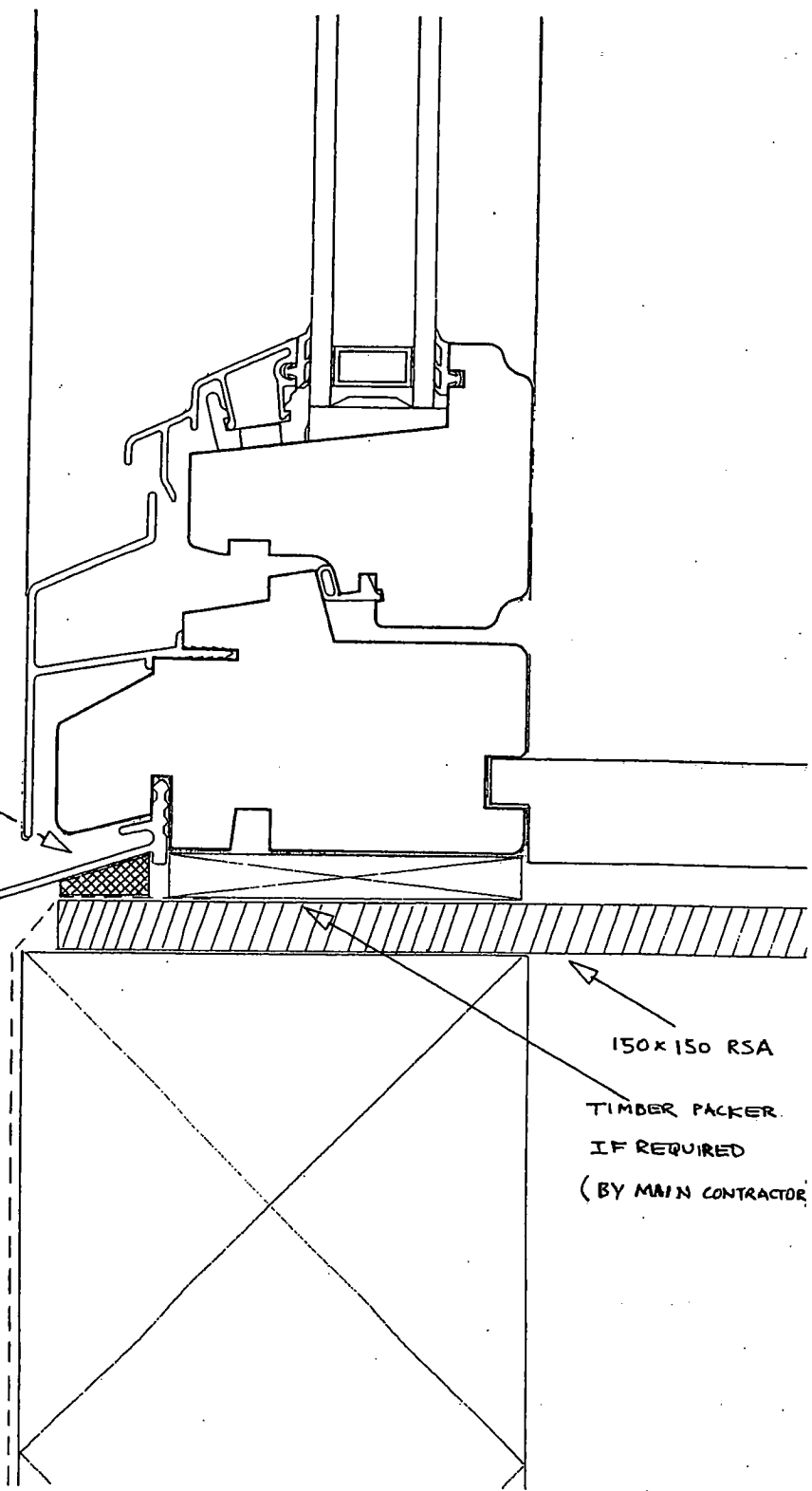
DETAIL SHOWING NORDAN

RAS 125 EXTENSION SILL



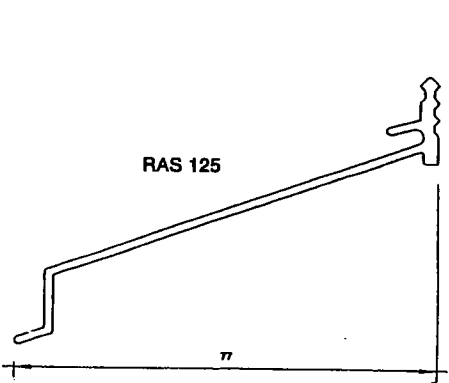
HIGH PERFORMANCE
ELASTIC WEATHERSEAL
(BY MAIN CONTRACTOR)

RAS 125 ALUMINIUM
EXTENSION SILL
(BY NORDAN)

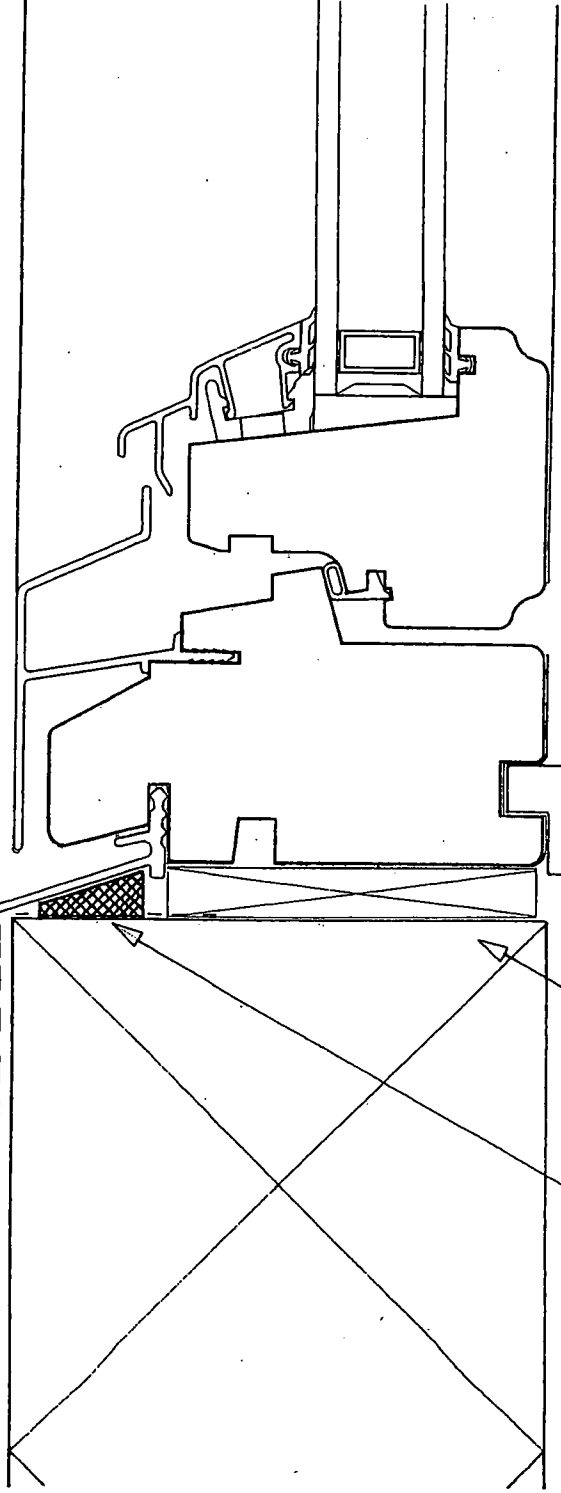


150x150 RSA
TIMBER PACKER
IF REQUIRED
(BY MAIN CONTRACTOR)

A.W.D.S. 20/10/00
CAIRNGORM FUNICULAR
W2, W3, W4.
DETAIL SHOWING NORDAN
RAS 125 EXTENSION SILL.



RAS 125 ALUMINIUM
EXTENSION SILL.
(BY NORDAN)



TIMBER PACKER IF
REQUIRED
(BY MAIN CONTRACTOR)

HIGH PERFORMANCE
ELASTIC WEATHERSEAL
(BY MAIN CONTRACTOR)

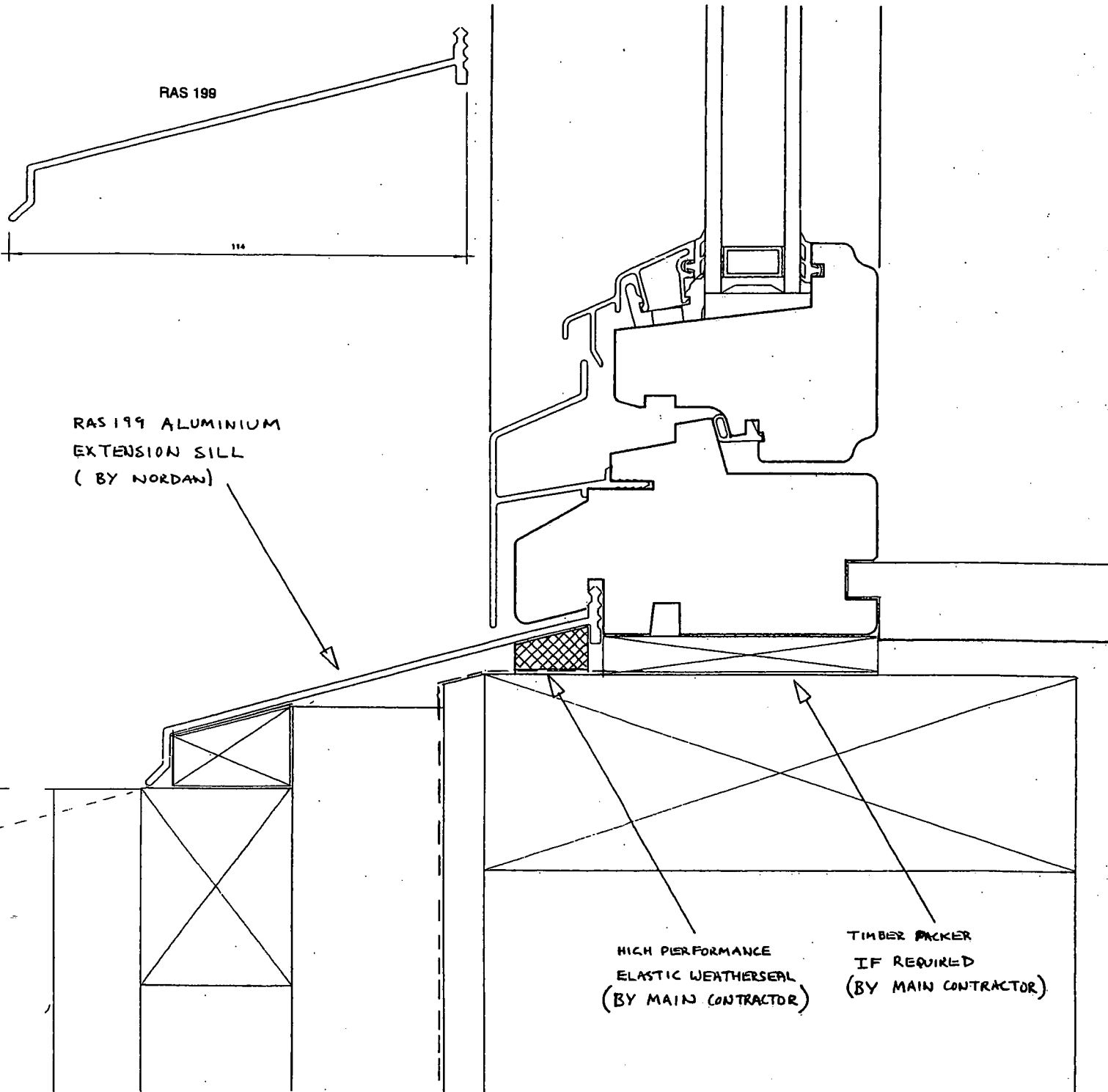
A.W.D.S. 20/10/00

CAIRNGORM FUNICULAR

W7.

DETAIL SHOWING NORDAN

RAS 125 EXTENSION SILL



RAS 199 ALUMINIUM
EXTENSION SILL
(BY NORDAN)

HIGH PERFORMANCE
ELASTIC WEATHERSEAL
(BY MAIN CONTRACTOR)

TIMBER PACKER
IF REQUIRED
(BY MAIN CONTRACTOR)

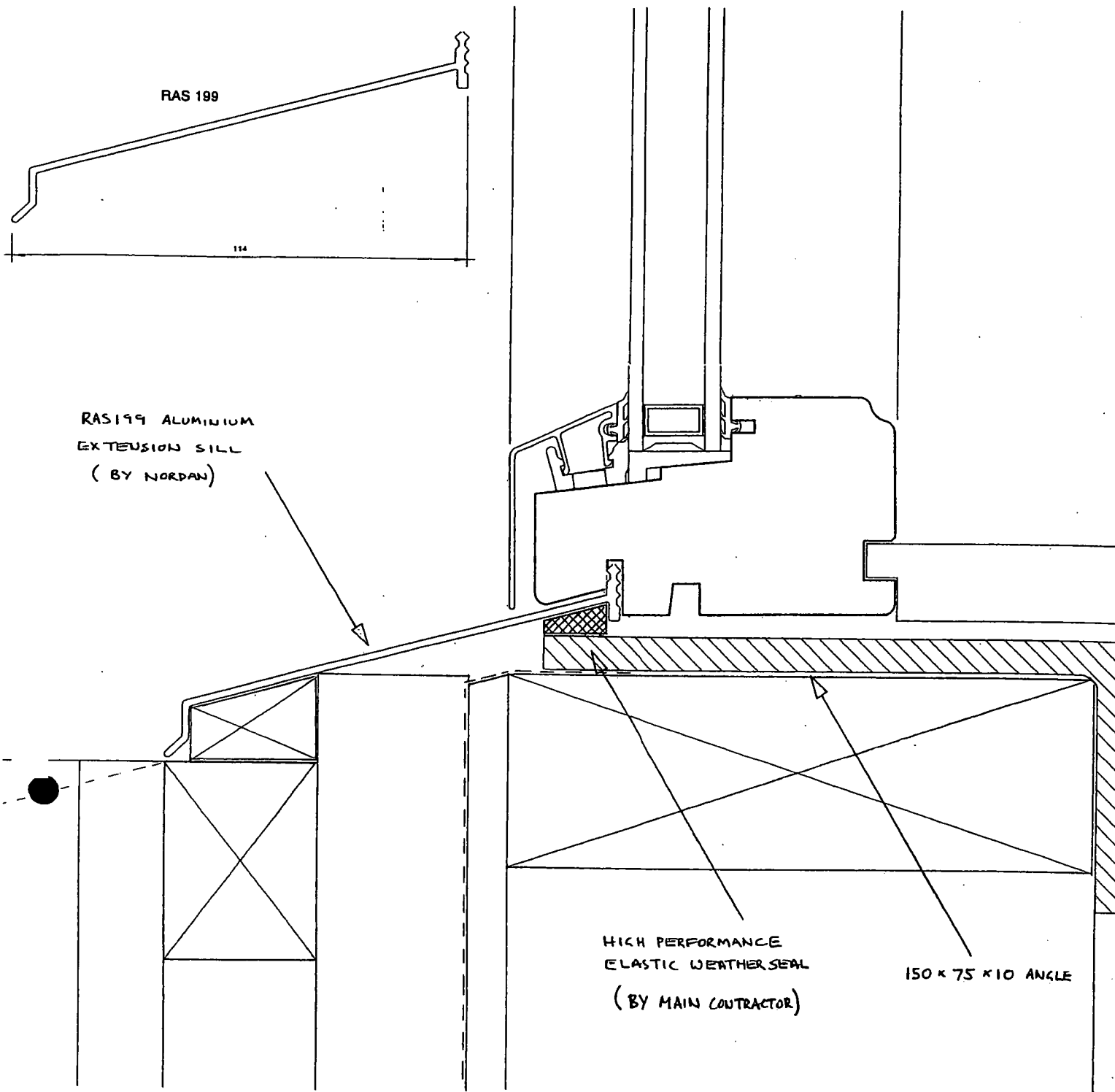
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CAIRNGORM FUNICULAR

WB.

DETAIL SHOWING NORDAN

RAS 199 EXTENSION SILL



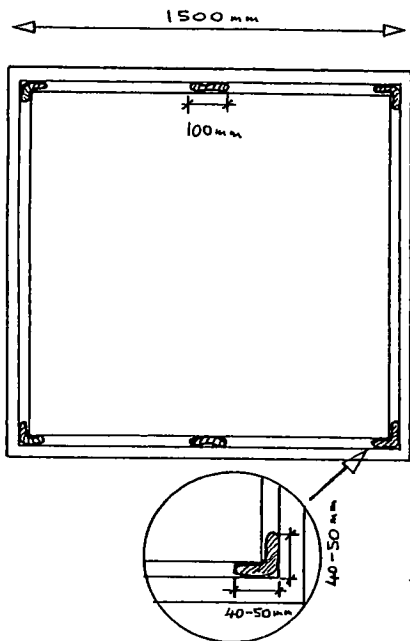
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CAIRNGORM FUNICULAR

W10.

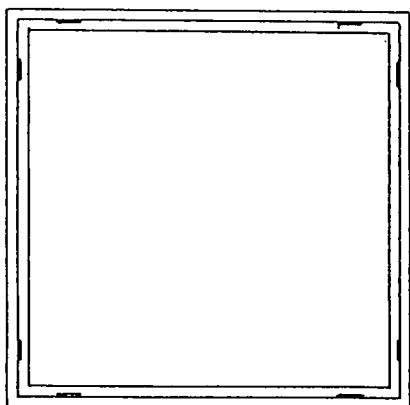
DETAIL SHOWING NORDAN

RAS 199 EXTENSION SILL



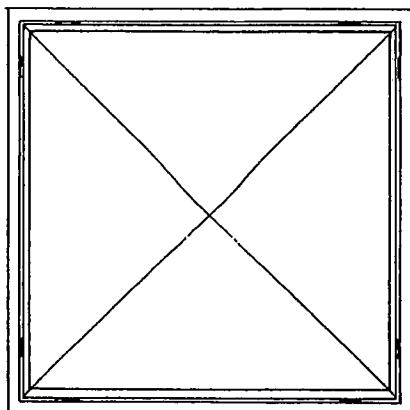
Apply Sikaflex Adhesive

Run a bead of Sikaflex approx 40-50 mm away from each corner and thicker than the thickness of the internal glazing gasket to ensure a strong contact with the glass. If the height or width of the frame exceeds 1500 mm 100 mm of Sikaflex should also be applied in the middle.



Insert Glazing Packers

Locate 2 wedge packers 50 to 100 mm from the corners on the bottom to pack up and level (see next page) the glazing unit. Insert top and side packers 50 to 100 mm from the corners. Apply a spot of Sikaflex to the side packers to stop them sliding down.



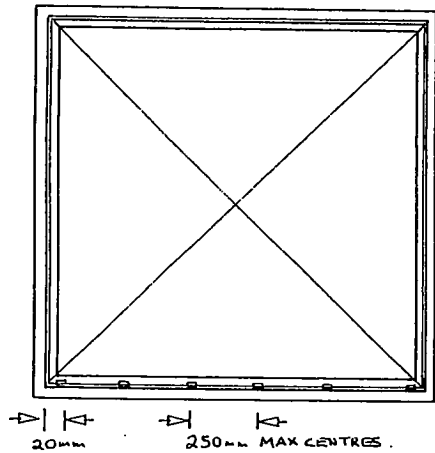
Install the Glazing Unit

Carefully place the unit into the glazing rebate by first sitting it on the bottom packers. Then push in and onto the internal glazing gasket and the Sikaflex. Push hard on the corners to ensure good contact with the Sikaflex. Check the gasket is not buckled in any place. Smooth out if necessary. Wipe away any Sikaflex that appears inside.

A.W.D.S.

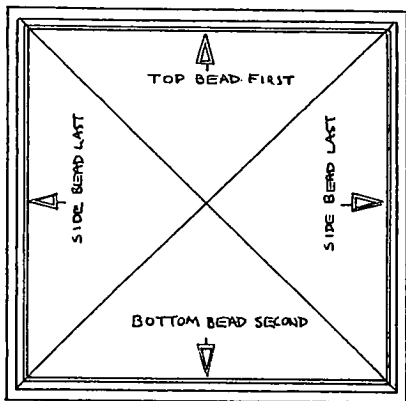
CAIRNGORM FUNICULAR

GLASS INSTALLATION



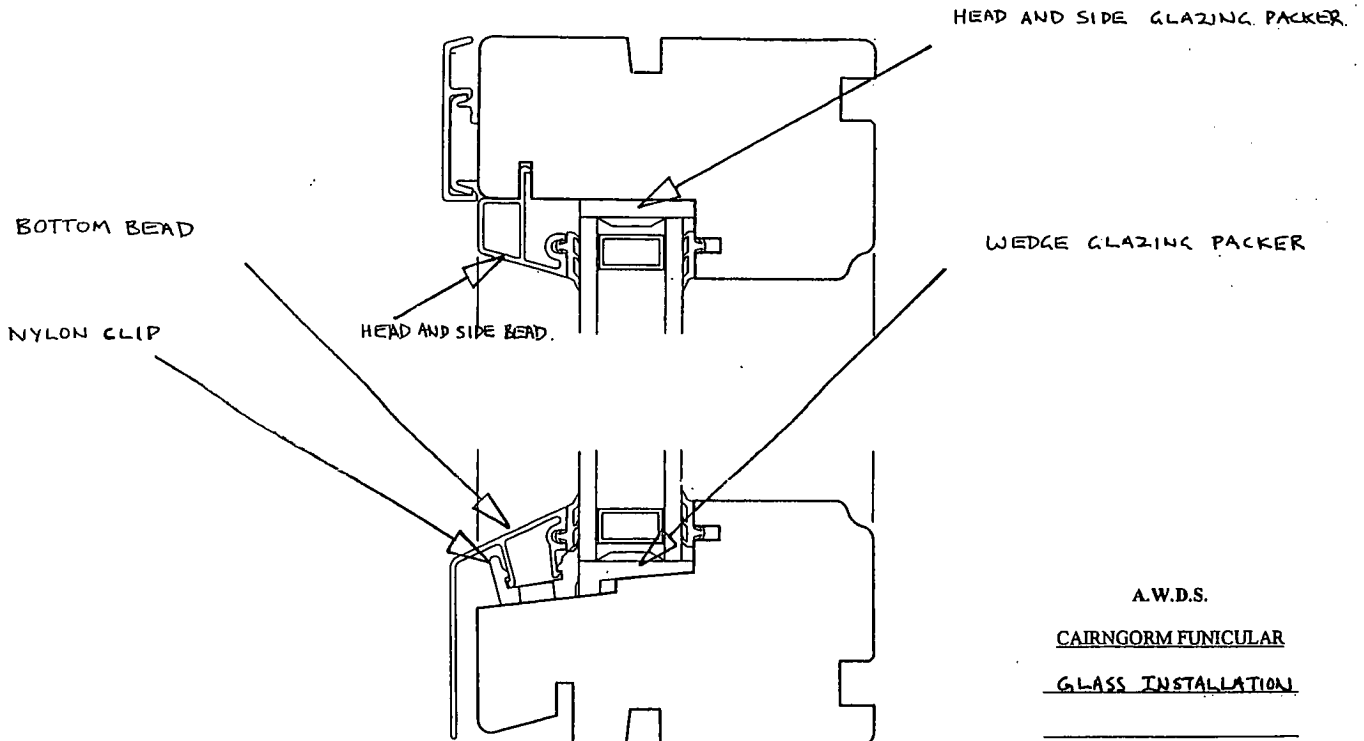
Fixing Nylon Clips for Bottom Bead

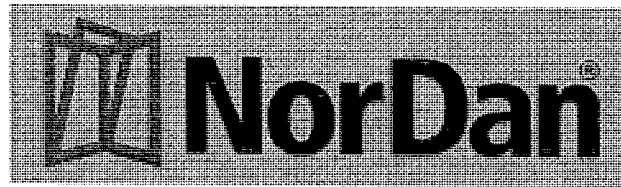
Screw fix the clips 20 mm from corners and at 250 mm centres thereafter. Ensure they are the correct way round (see sill section below).



Fixing Glazing Beads

Insert the top bead first into the pre-cut groove in the underside of the frame head. Next clip the bottom bead into place on the nylon clips by pushing hard down, tapping down with a hammer and timber block or a rubber hammer. Fix the two side beads last. Butt the top tight to the upper beads. Tap the top and side beads in until none of the tongue is visible. Use a hammer and block or a rubber hammer.





MAINTENANCE - WINDOWS

Maintaining your NorDan windows couldn't be simpler. All you have to do is check them carefully at least once a year for the following signs:

- Look for (and remove) any airborne debris that might be trapped in between the frame and sash. To do this open the window in the cleaning position
- Wipe or brush clean all surfaces and check weather seals are clean, dry, continuous and undamaged. Never get any paint on the weather seals as this will reduce the window's performance
- Check that the handles move freely and smoothly. If they are stiff, wipe a little vaseline/grease on the locking tongues/bolts while in their extended position
- Check the glass does not have any water vapour inside the sealed unit or that the glass is damaged
- Check all timber surfaces for damage and note if the finishing (paint etc) needs refreshing. If you wish to renew the finishing then please refer to the NorDan Paint, Stain and Varnish leaflet for further information
- Check all handles and ventilator controls are not loose. If they are then tighten them with an appropriate screwdriver. Just tighten enough so the handles and controls work freely without being too loose. Do not overtighten
- Check any additions to the standard window (such as restrictors), all work properly and easily



NorDan Standard Pre-finishes

NORDAN SURFACE TREATMENT

NorDan has more than 30 years experience of applying factory pre-finishes to windows and doors. There have been great changes on paint products during these years. Some of the decisive factors being increasing environmental considerations and a continual improvement on behalf of the paint producers. As a result of this NorDan has reviewed the products on the market to make the best choices for a new millennium.

To get the best possible finish it is important to have the finest materials from the start; top "carve quality" wood that has been vacuum impregnated against wet rot. Proper pre-works provide a smooth surface and the use of quality paint (together with the right equipment) and the best qualified personnel ensures that the highest standards are maintained.

The factory finishing department is constantly controlled to ensure good air circulation and relative humidity to allow water to evaporate gradually. This keeps drying times to a minimum and quality to a maximum.

IMPREGNATION

Windows and doors are vacuum impregnated with TH 92 ex.

BASECOAT

Akzo Nobel US Grund is a polyurethane basecoat. It covers the effects of ageing knots and gives the top coat the best possible base for adhesion and smoothness.

MICROPOROUS OPAQUE FINISH

For the top coat, Akzo Nobel US-A55 is used. It is a water based and semi-gloss paint specially manufactured for doors and windows.

US-A55 has some distinct advantages. It has the excellent ability to attach to the base material, it is easy to maintain with other out-door paints and most importantly, it has a reduced maintenance from 5 to 7 yearly intervals.

TRANSPARENT COLOURS

GORI 411/890 is used for those who prefer a coloured transparent finish. It is available in 6 different colours. Transparent colours are not as long lasting on windows and doors as paint, and will therefore require more frequent maintenance.

CLEAR LACQUER

Some people choose clear lacquer for the interior and NorDan use Akzo Nobel IL20 as standard on the frame and sash.

One exception to this is when a dark colour is required externally. In this case Aqua Line Lack is applied internally.

These products are just for use indoors because sun and weather conditions have a detrimental effect on these clear types of lacquer. Regular inspection and frequent maintenance will be required.

TWO COLOURS

Two colours are available, but this is expensive and difficult to handle in production. NorDan therefore recommend that the outside colour is applied after installation. An alternative is to use aluminium clad windows where you can get the colour required applied to the aluminium itself.

THE FOLLOWING IS NORDAN'S STANDARD TREATMENT

For Paint:

Gori vacuum impregnation
Akzo Nobel US grund
Akzo Nobel US-A55

For Transparent colours:

Gori vacuum impregnation
Gori 411
Gori 890

For Clear varnish:

Gori vacuum impregnation
Akzo Nobel Aqua Line Lack or IL20.

For Standard white:

Gori vacuum impregnation
NCS S 0502 y

Otherwise, surface treatment is delivered according to agreement and colours in the NCS and Ral colour chart.

BE AWARE OF THE FOLLOWING

In some cases the brightest colours can fade in sunlight. Yellow greenish colours can change with daylight and indoor light. On most products being

processed, small scars and roughness must be tolerated. This counts especially for non-visible areas on the inside of the frame.

PAGE 24.

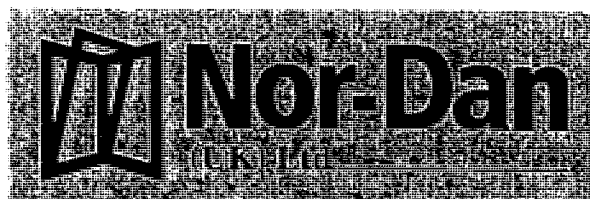
MAINTENANCE

The periods between maintenance will vary. Akzo Nobel US-A55 microporous opaque finish will last 5 to 7 years depending on weather and level of exposure. However, an inspection every year should be made. Use a wire brush to find out if the stain/paint easily falls off. If this is the case, then you need to sand, brush, scrape, rub down and fill any marks before renewing.

For the interior, Akzo Nobel US-A55 as an microporous opaque finish should last approximately 15 to 20 years. When maintenance is needed, you should sand, brush, scrape, rub down and fill any marks before renewing with a shiny interior paint.

AKZO NOBEL

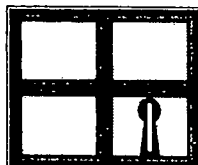
Akzo Nobel is internationally recognised as a stain and paint supplier for industrial surface treatment. Akzo Nobel products are available through distributors throughout Europe.



For further information on Nor-Dan, Nor-Dan products or extra copies of this publication please contact:

**ABERDEEN
WINDOW and
DOOR
SYSTEMS Ltd**

Web site <http://www.awds.co.uk>



**83-87 Causewayend
Aberdeen AB25 3TQ
Telephone 01224 633174
Fax 642584**

E mail info@awds.co.uk

**MAINTENANCE PROCEDURES FOR FINISHES
TO NOR-DAN WINDOWS AND DOORS**

Aluminium Cladding

Maintenance of the polyester powder coated aluminium surfaces is limited to simple washing with water to which a mild detergent has been added

The frequency of washing will depend on the environmental area and standard of appearance required

We advise washing before environmental pollutants impair the surface

Clear Lacquer Finish to Inside Surfaces

Product Name : XV 600 US55 Water Based UV Filter Lacquer
Company : AKZO NOBEL Industrial Coatings plc
MALMO SWEDEN

The time between periodical maintenance work varies according to the environmental conditions of exposure of the inside surfaces

It is recommended that the integrity of the lacquer system be checked at least once a year. The following maintenance procedure is recommended:-

- Prior to be repainted any damage to the surfaces must be made good.
- Dust and dirt removed by washing
- Apply two coats of a water based lacquer



PAGE 26.

This Guarantee covers against:

- **Condensation forming inside the sealed unit.** (Thermal breakdown)
- **Failure of ironmongery, furniture and espagnolettes.**

And includes:

- **Material stability and lasting quality.**
- **Water and wind tightness.**

NorDan AS
N-4460 Moi - Norway
Est. 1926

 **Nor-Dan**
Windows · Doors

This Guarantee is provided on the following terms:

PAGE 27.

TRANSPORT

The purchaser must check for, and report of any damage on the delivery note before accepting goods.

FITTING

Installation must accord with good building practises and manufacturers recommendations.

SURFACE TREATMENT

(See Nor-Dan standard stain, paint and varnish information sheet)

Goods must be finished with a suitable surface treatment on all sides before installation and without exception prior to being exposed to the weather.

Finishing should be checked yearly and maintained as necessary.

USAGE

Ironmongery should be greased lightly whenever needed.

Building debris and such like should be removed from rebates, channels, furniture and ironmongery.

Weatherseals must be protected against any form of interference or contamination.

THE GUARANTEE INCLUDES:

To replace goods subject to a valid claim under this guarantee within 10 years from date of purchase.

In addition, the cost of installing goods replaced under this guarantee within 5 years from date of purchase.

Simple works or repairs required under this guarantee should be carried out by the purchaser.

Parts required for such works, will be provided free of charge during the period of the guarantee.

THE GUARANTEE EXCLUDES:

Accidental or negligent damage.

Fitting goods provided after 5 years from date of purchase.

Any costs associated with the means to gain access to consider claims or service claims, including cranes, lifts, scaffolding, ladders or working platforms of any description.

Any form of decoration or making good associated with the fitting or repairing goods.

Any sealed units not produced by Nor-Dan or any special glass.

Factory pre-finishing. (See Nor-Dan standard stain, paint and varnish information sheet).

Damage caused by transportation if not recorded at the time of delivery.

IN GENERAL

All claims must be made in writing, with provision of all necessary details and forwarded to-Nor-Dan UK Ltd..at the addresses listed below.

The Guarantee starts from the date of purchase as stated in the original invoice relating to the product.

Goods subject to claims should be paid for in full and at the due date.

All claims must provide the date of purchase.

Any variation to the above terms and conditions must be recorded in writing between both the Manufacturer, Nor-Dan UK Ltd and the Purchaser.

All claims under guarantee will be subject to the sole discretion of the Manufacturer whose ruling the purchaser will accept and abide by such decisions..

UK Sales Agents:

Nor-Dan UK Ltd.

54 Manao Road,

Newmans

Lanarkshire ML2 9AX

Tele: 01698 383364

Fax: 01698 386873

Nor-Dan UK Ltd.

31 Windsor Drive

Tuffley

Gloucester GL40QJ

Tele: 01452 311379

Fax: 01452 311402

Nor-Dan UK Ltd.

Ling Park

Clifton Fenrith

Cumbria CA10 3AL

Tele: 01931 714289

Fax: 01931 714476

Scandinavian Joinery System Ltd.
12 Talpark Place

Wardpark East

G68 0LN Cumbernauld

Tele: 01236 725226

Fax: 01236 725228

Aberdeen Windows/Door System Ltd.
83-87 Caniswaryend

Aberdeen AB2 3TQ

Tele: 01224 633174

Fax: 01224 642584



Certification

PAGE 28



CERTIFICATE

We hereby certify that

NorDan AS

complies with the Quality Management System requirements specified in

NS-EN ISO 9001:1994

and Nemko Certification's general provisions for certification

The certificate covers the following activities:

Manufacturing of
windows, doors and sealed glass units

Oslo, 2001-02-09

Pål Eddie
Vice President
Management System Certification



Expires: 2003-12-15
First time issued: 1991-12-16
Certificate no: 800003



Environmental declaration

Nordic timber industry

Nr. 310181/2 Norwegian Institute of Wood Technology

NorDan®
FA Fixed light

MANUFACTURER

NorDan AS
N-4460 Moi
Telephone: (+47) 51 40 40 00
Fax: (+47) 51 40 17 72
Contact: Steinar Holum
(Steinar.Holum@nor-dan.com)

Environmental information

NorDan AS aims at using only FSC- or PEFCcertified wood in their production.

PRODUCT

An environmental audit has been carried out on a NorDan M12xM12 Fixed light. It has double glazing with argon gas insulation, vacuum impregnated sash and is factory pre-finished.

Technical properties

Technical property details and cross section drawings are available in NorDan's technical manual.

Inventory	kg/window
Glass	20,0
Pine, impregnated profile ¹⁾	9,8
Aluminium	0,9
Steel	0,01
PVAC-glue	0,015
Polymer ³⁾	0,068
Surface finish ²⁾	0,40
EPDM	0,14
Sikaflex	0,04
Polysulphide ⁴⁾	0,25

Packaging	kg/window
Wood	1,23
Steel	0,12
Stretch plastic	0,06

- 1) Gori vac TH102
2) US-GRUND/US a-55 NCS S0502Y
3) POM
4) Terostat 998 R90, 2 komp.

PRODUCTION

Wood

Sawn pine is mostly obtained from Nordic forests. All production timber is

procured from sustainable forests. The wood is sawn and dried to approx. 12 % before it is delivered to NorDan.

Glass

The main raw material of glass comes from rich natural resources. Apart from the environmental impact related to energy use, process-related wastes arise from raw materials used in the glass. Glass arrives at NorDan in large sheets, which is cut to production sizes.

Factory

At the factory the wood is profiled and prepared. Then windows are vacuum impregnated, prefinished and finally assembled. The factory produce their own sealed units, which are inserted into products immediately before the final stage of packaging.

NorDan has changed from using wet- to a drybox-systems for painting of products. This contributes to less degassing and a reduction of hazardous waste, both environmental profits for NorDan.

USE

Lifetime

The lifetime of the window depends on the quality of installation and detail, the degree of exposure, humidity controls in the building and maintenance. Life expectancy for the window is minimum 30 years. NorDan provides a 10-year guarantee.

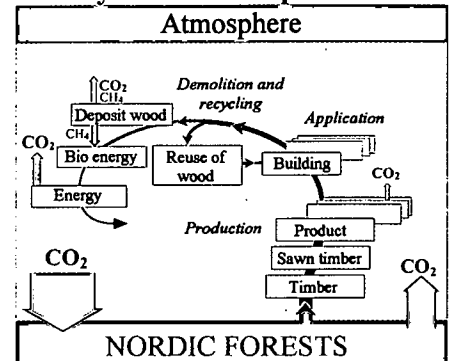
Energy in the household

U-value describes the window insulation properties. Lower U-values offer better utilisation of energy. The energy flux through a window and the method of energy generation has the biggest environmental impacts if the total life cycle of the product is considered.

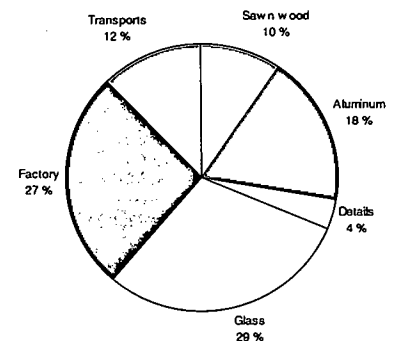
Residential environment

The window has many functions in a dwelling. Most important is to allow light in and to provide an outlook. At the same time keeping unpleasant weather out so that the dwelling is

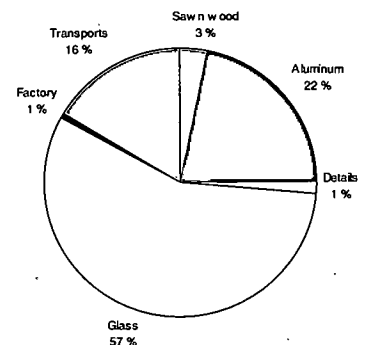
Life Cycle of timber products



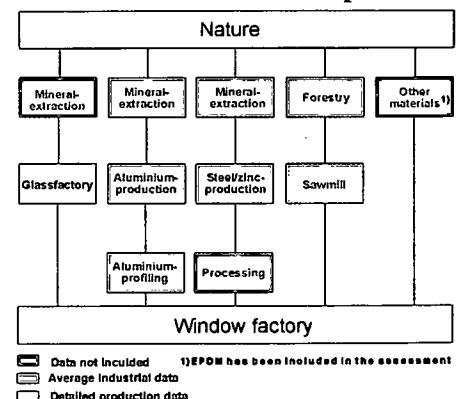
Contribution to Energy use



Contribution to global warming, GWP 100



In-data in environmental profile



warm and dry inside. Sound insulation is important in areas with heavy noise.

RECYCLING

Packaging

All packaging components can be returned to an approved waste treatment centre and recycled.

Reuse

A timber window is a product that can be repaired and maintained 100%, thus extending its useful lifetime with a positive environmental contribution.

Recycling

Aluminium and glass have good potential for material recycling. The wooden details can be recycled for instance as a base material for producing insulating boards or energy efficient flooring.

Energy recovery

Polymer materials, such as plastics and rubbers, can be used for energy production. Burning wood for heat does not affect global warming provided that it originates from sustainable forests.

Land-fill

Glass waste is collected from NorDan and recycled. Glass can be deposited on an approved land-fill. The remaining components should be reused or recycled/energy recycled.

ENVIRONMENTAL PROFILE

The environmental profile applies to a window of the type Fixed light M12xM12, produced by NorDan AS. The inventory starts at resource outtake and ends at factory gate. Packaging is not included.

Emission to air	g/window
Dust	38
CO ₂	30 200
CO	74
VOC	256
NO _x	233

SO ₂	89
Terpenes	15
Methane	19
PAH	0,07
HCl	0,8

Emission to water	g/window
COD	0,7
Total-N	0,6
Total-P	0,1
Dissolved substances	8,0
Suspended substances	5,7
Metals	4,1

Emission to ground	g/window
Slag and ash	973
Industrial waste	580
Dangerous waste	44

Energy use	MJ/window
Hydro power	255
Bio energy	54
Diesel	5,8
Oil	19
Natural gas	122
Propane	99
Coal	44

Primary resource use	kg/window
Raw oil	4,5
Coal	1,7
Natural gas	3,8
Round wood	26
Bauxite	3,5
Iron ore	0,01
Zinc ore	>0,001
Limestone	0,9

Profile comments

- Certain window components have not been included from resource outtake to production. These materials contribute to less than 1 % of the weight.
- Summary of data used can be found in a background report (in Norwegian only). (4)
- Methodology for the environmental profile appears from report (2) and (5).

- Primary resources used for energy production have also been accounted for under outtake of primary resources (such as crude oil to diesel, oil and gasoline).

ADDITIONAL INFORMATION

Completed LCAs

NorDan has completed a life cycle assessment for its entire production. The assessment was carried out by Gillian F. Weir at Napier University Edinburgh (1).

Waste plan

NorDan AS has introduced a waste plan for its factory at Moi, Norway. The waste management plan was produced by NOAS, Stavanger.

References

- (1) Life Cycle Assessment of Multi-Glazed Windows. Gillian F. Weir, 1999.
- (2) Methodology for Wood Based Products, M Erlandson, Trätæk 1996.
- (3) Environmental Profile Report for the European Aluminum Industry. EAA, 2000
- (4) Environmental declarations of windows made by NorDan AS. NTI 2001 (Norwegian only)
- (5) Environmental declarations of wood industry products. Nordic Wood 1997 (Norwegian only)

Norwegian Institute of Wood Technology and NorDan takes no responsibility for any incorrect translation of this declaration. Design and methodology for Environmental Declaration in the Nordic wooden industry have been prepared in a joint Nordic project. This environmental declaration has been assembled (03-09-2001) by Jarle Svanes, Norwegian Institute of Wood Technology, Telephone 22 96 55 00.



Mo1, 51404000

Prod.sted: Mo1

Nr. 72655 Side 1 av 15

Vi ber Dem referere til dette ordrenummer ved eventuelle henvendelser vedrørende bestillingen.

75 ABERDEEN WINDOW AND DOOR
83-87 CAUSEWAYEND

GB-AB2 3TG ABERDEEN




Varenummer
ABERDEEN WINDOW AND DOOR
83-87 CAUSEWAYEND

GB-AB2 3TG ABERDEEN

VIA ABERDEEN 00/09045 VAT NUMBER: 976 988 188

K

Kundnr. 3174	Person Data Redusert	Major ordre 00/09045	18.09.00	Person Data Redusert	Netto pr. 30 dager	22.09
Pris liste (År-Holdning) 2000-44	Lev. (Ande (År-Holdning))	Levingsbeløp	Spillingsbeløp			

VL. nr.	Vare nr.	Ant.	Beskrivelse	Netto pr. 30 dager (Bredde x Høyde)	Enhetspris	R
<p>--- FOLLES PRODUKTBESKRIVELSE ---</p> <p>Hærdet gl. 2 sider (Oppby.: 6+16+6) Vindues med ventil</p> <p>Alu. belegging: Produkt : Pulverl. RAL 5022 R14 Glass lister : Pulverl. RAL 5022 R14</p> <p>Ofl. behandling: Innvendig : NS IL-20 Klar lakk (A) Utvendig : Behandlet</p>						
005		5	ND SIKKERHETSVINDU Høyrehengslet Inndelingsranne Annet..... • 8000 Ventil • Låsbar vrider (53/54) montert	1588 x 1188 		
010		1	ND FAST KARM (INNVENDIG BRUK) Uten ventil Ikke aluminiumbelagt Hærdet gl. 2 sider (Oppby.: 4+16+4) Ofl. behandling: Karm innv. : NS IL-20 Klar lakk ✓ Karm utv. : NS IL-20 Klar lakk ✓	1188 x 1188 		
015	W1	1	ND FAST KARM (M/SKRA) Uten ventil Inngår i sammenhengning Uten glass (for 28 mm glassoppb.) Annet..... Glasslister buntet pr. vindu og markes m/verdinje Spes. spor på venstre sider, sett fra innside, se tegn. 07265503 Uten not på venstre sider, sett fra innside. • MANUELL PÅREGNING Utv. prod.nål... Bredde(B1)= 620, Høyde(H1)= 3038, Høyde(H2)= 2818 Sida(S2)= 658	620 x 3038 		

I har selvsagt i de øvrte varers innl. krasummen inkludert renter og omkostninger av silt ut betalt. Nr. pantlovene § 3-14 til § 3-22. Aksept anses like som betaling for den er innfridd i sin helhet.
Alle priser er enhetspriser ekskl. m.v.a.

Takk for bestillingen!
Vennlig hilsen
NorDan AS

Hoi, 51404000

Prod.sted: Moi

Nr. 72655 Side 2 av 15
Vi ber Dem referere til dette ordrenummer ved eventuelle henvendelser vedrørende bestillingen.

75. **ABERDEEN WINDOW AND DOOR**
83-87 CAUSEWAYEND

GB-AB2 3TQ ABERDEEN

Varebeskrivelse
ABERDEEN WINDOW AND DOOR
83-87 CAUSEWAYEND

GB-AB2 3TQ ABERDEEN

VIA ABERDEEN 00/09045 VAF NUMMER: 376 985 188

Kundnr. 3174	Personale Data	Order nr. 00/09045	av 18.09.00	Personale Data	Mottatt 22.09
Fin Tabell (Arbeidsnr) 2000-44	Jobb tittel (Arbeidsnr)	Levelingsbestilling	Netto pr. 30 dager		Varenr. 2000-44

VL. nr.	Vare mtk.	Ant.	Beskrivelse	(Bredder x Høyde)	Enhetspris	Re
020	W1	1	ND FAST KARM (M/SKRA) Utan ventill Inngår i sammensetting Utan glass (for 28 mm glassoppb.) Annet: Glasslister byttes pr. vindu og markes m/varelinje spes. spor i begge sidekarmene se tegn. 07265503 • Utan foringsnot sider • HANVRELL PÅFØRNING Utv. prod.nål... Bredder (B1) = 620, Høyde (H1) = 2818, Høyde (H2) = 2598, Side (S2) = 658	620 x 2818		
025	W1	1	ND FAST KARM (M/SKRA) Utan ventill Inngår i sammensetting Utan glass (for 28 mm glassoppb.) Annet: Glasslister byttes pr. vindu og markes m/varelinje spes. spor i begge sidekarmene se tegn. 07265503 • Utan foringsnot sider • HANVRELL PÅFØRNING Utv. prod.nål... Bredder (B1) = 620, Høyde (H1) = 2598, Høyde (H2) = 2378, Side (S2) = 658	620 x 2598		
030	W1	1	ND FAST KARM (M/SKRA) Utan ventill Inngår i sammensetting Utan glass (for 28 mm glassoppb.) Annet: Glasslister byttes pr. vindu og markes m/varelinje spes. spor i høyre side, sett fra innside, se tegn. 07265503 Utan not på høyre side, sett fra innside. • HANVRELL PÅFØRNING Utv. prod.nål... Bredder (B1) = 620, Høyde (H1) = 2378, Høyde (H2) = 2158, Side (S2) = 658	620 x 2378		

Vi ber selgeren i de leverte varene inni klappesammen
inkludert renter og omkostninger er fullt ut betalt, jfr.
pantebrevene § 3-14 til § 3-22. Aksept anses ikke som
betaling før den er innfridd i sin helhet.
Alle priser er enhetspriser ekskl. m.v.a.

Takk for bestillingen!
Vennlig hilsen
NorDan AS



NorDan AS

4480 MOI
Org.nr.: NO 979 778 233 MVA
Telefon 51 40 40 00 - Telefaks 51 40 17 72
E-mail: firmapost@nor-dan.com

Ordrebekreftelse .VIR&TOW 1

Nr. 72655 Side 3 av 15
Vi ber Dem referere til dette ordrenummer ved eventuelle henvendelser vedrørende bestillingen.

Mol, 51404000

Prod.sted: Mol

75

ABERDEEN WINDOW AND DOOR
83-87 CAUSEWAYEND

GB-AB2 3TQ ABERDEEN

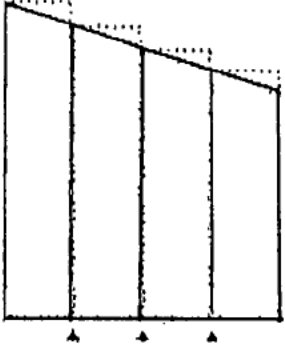

Varenr
ABERDEEN WINDOW AND DOOR
83-87 CAUSEWAYEND

GB-AB2 3TQ ABERDEEN

K

Måttal
VIA ABERDEEN 00/09045 VÅR NUMMER: 376 985 188

Kundnr. 3174	Person Data Redakt	Best.nr 00/09045	Netto pr. 18,09.00	Vår referans Person Data Redakt	Publ.no	Publ.no 22.09.
Pris i kr (Ar-oppd)	Vindu (Ar-oppd)	Leveringsbetingelse	Opplysningsgjeld	Netto pr. 30 dager	Vareid dato	
2000-44						

Vl. nr.	Vare mtk.	Ant.	Beskrivelse	(Bredde x Høyde)	Enhetspris	Re
035	W1	1	SAMMENSETTING	2486 x 3038		
						
040	W1	1	GLASS Annet. Glass for Vlnr: 015			
045	W1	1	GLASS Annet. Glass for Vlnr: 020			
050	W1	1	GLASS Annet. Glass for Vlnr: 025			
055	W1	1	GLASS Annet. Glass for Vlnr: 030			
060	W5	1	ND FAST KARM Uten vepill Inngår i sammensetting Uten glass (for 28 mm glassoppb.) Annet. Glasslister bunn pr. vindu og markes m/varelinje Uten foringsnot i bunn	868 x 1448		
						

Vi ber salgspart i de leverte varene innli kjøpsavtalen
Inklusiv renter og omkostninger er fullt ut betalt. Jfr.
panetovene 6 3-14 til 6 3-22. Aksepti anaso ikke som
betaling før den er innfridd i sin helhet.
Alle priser er enhetspriser ekskl. m.v.a.

Takk for bestillingen!
Vennlig hilsen
NorDan AS

Mol, 51404000

Prod. sted, Mol

Nr. 72655 Side 4 av 15

Vi ber Dem referere til dette ordrenummer ved eventuelle henvendelser vedrørende bestillingen.

75



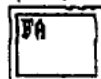
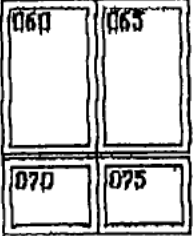
ABERDEEN WINDOW AND DOOR
 83-87 CAUSEWAYEND

 GB-AB2 3TQ ABERDEEN

ABERDEEN WINDOW AND DOOR
 83-87 CAUSEWAYEND

 GB-AB2 3TQ ABERDEEN

Merket: VIA ABERDEEN 00/09045 VAT NUMBER: 376 985 188					
Kundens: 3174	Dette referansenr: [Redacted]	Oppg nr/00/09045	av 18.09.00	Vår referansenr: [Redacted]	Fullført: 22.09.
FIP nummer (APUK/140): 2000-44	Lenkenum (drukkett):	Levingsbel/ingalep:	Betingsbel/ingalep:	Netto pr. 30 dager	

VL. nr.	Vare mtk.	Ant.	Beskrivelse	(Bredda x Høyde)	Enhetspris	Ra
065	W5	1	ND FAST KARM Uten vantiil Inngår i sammensetting Uten glass (For 28 mm glassoppb.) Annet: Glasslister hentes pr. vindu og markes n/varelinje • Uten foringspot i bunn	868 x 1448 		
070	W5	1	ND FAST KARM Uten vantiil Inngår i sammensetting Uten glass (For 36 mm glassoppb.) Annet: Glasslister hentes pr. vindu og markes n/varelinje Spes. spor på topp, se tegn 07265502 • Uten foringspot i topp	868 x 728 		
075	W5	1	ND FAST KARM Uten vantiil Inngår i sammensetting Uten glass (For 36 mm glassoppb.) Annet: Glasslister hentes pr. vindu og markes n/varelinje Spes. spor på topp, se tegn 07265502 • Uten foringspot i topp	868 x 728 		
080	W5	1	SAMMENSETTING Annet: RA3305 pui-verlakkert RA15022	1738 x 2178 		
085	W5	2	GLASS Annet: Glass for Vitr060+065		37.17	

Vi ber selgerpart i de laveste varene innli klappesammen
 Inkluderte rafter og ankerstinger pr fullt ut borteit, ifr.
 parteravene § 3-14 til § 3-22. Aksept avses ikke som
 betaling for den or innleidt i ein betent.
 Alle priser er enhetspriser ekskl. m.v.a.

Takk for bestillingen!
 Venlig hilsen
NorDan AS

Mod., 51404000

Prod.stad: Moi

Nr. 72655 Side 5 av 15
Vi ber Dem referere til dette ordrenummer ved eventuelle henvendelser vedrørende bestillingen.

75

ABERDEEN WINDOW AND DOOR

83-87 CAUSEWAYEND

GB-AB2 3TG ABERDEEN

Vår adresse

ABERDEEN WINDOW AND DOOR

83-87 CAUSEWAYEND

GB-AB2 3TG ABERDEEN

Meddel

VIA ABERDEEN 00/09045 VAT NUMBER: 376 985 188

K

Kundnr.	Person Data	Partnr. utlip	nr	Vår referanse	Tilbudnr.	Publiseringsdato
3174	Person Data	00/09045	18.09.00	Person Data		22.09
Pris (inkl. mva/dap)	Lav. (inkl. mva/dap)	Leveringsbetingelser	Netto pr. 30 dager		Varenr. utlip	
2000-44						

VL. nr.	Vare nr.	Ant.	Beskrivelse	(Bredde x Høyde)	Enhetspris	R
090	W5	2	ISOLERT FELT FOR VLNR: 070+075 Ubehandlet x-fiber lamy. Utvendig profil, aluminium belagt RAL 7031			
095	W6	1	ND FAST KARM (M/SKRA) Uten ventil Inngår i sammenstilling Uten glass (for 28 mm glassoppb.) Annet: Glasslister buntet pr. vindu og markes n/varelinje Spes. spor på venstre sider sett fra innside aa tegn. 07265503 Uten not på venstre sider sett fra innside. • MANUELL PÅREGNING Utv. prod.mål... Bredde(H1)= 813, Høyde(H1)= 2658, Høyde(H2)= 2284, Side(H2)= 895	813 x 2658		
100	W6	1	ND FAST KARM (M/SKRA) Uten ventil Inngår i sammenstilling Uten glass (for 28 mm glassoppb.) Annet: Glasslister buntet pr. vindu og markes n/varelinje Spes. spor i begge sidekarmene aa tegn. 07265503 • MANUELL PÅREGNING • Uten foringnot sider Utv. prod.mål... Bredde(H1)= 813, Høyde(H1)= 2284, Høyde(H2)= 1911, Side(H2)= 895	813 x 2284		
105	W6	1	ND FAST KARM (M/SKRA) Uten ventil Inngår i sammenstilling Uten glass (for 28 mm glassoppb.) Annet: Glasslister buntet pr. vindu og markes n/varelinje Spes. spor i begge sidekarmene aa tegn. 07265503 • MANUELL PÅREGNING • Uten foringnot sider Utv. prod.mål... Bredde(H1)= 813, Høyde(H1)= 1911, Høyde(H2)= 1538, Side(H2)= 895	813 x 1911		

I Her eilgepant i de levarte vorono innli kjøpesummen
Inkluderte renter og omkostninger er fullt ut betalt, jfr.
pantlovene § 3-14 III § 3-22. Aksept avses ikke som
betaling for den er innlied) sin netot.
Alle priser er enhetspriser ekskl. m.v.a.

Takk for bestillingen!
Vennlig hilsen
NorDan AS

MoI, 51404000

Prod. stad: MoI

Nr. 72655 Side 6 av 15

Vi ber Dem referere til dette ordrenummer ved eventuelle henvendelser vedrørende bestillingen.




75

ABERDEEN WINDOW AND DOOR
 83-87 CAUSEWAYEND

 GB-AB2 3TG ABERDEEN

ABERDEEN WINDOW AND DOOR
 83-87 CAUSEWAYEND

 GB-AB2 3TG ABERDEEN

Marked									
VIA ABERDEEN 00/09045 VAT NUMBER: 376 985 188									
Kundnr.	Person referanse	Duende ordre	av	Vår referanse	Tabulatur	Holdning			
3174	Personal Data Redacted	00/09045	18.09.00	Personal Data Redacted		22.09.			
For ordre (Ar-Nr)	Lev. linje (Ar-Nr)	Lev. linje (Ar-Nr)	Bestillingstidspunkt	Verdi					
2000-44			Netto pr. 30 dager						
VL. nr.	Vare mtk.	Ant.	Beskrivelse	(Bredda x Høyde)	Enhetspris	Re			
110	W6	1	ND FAST KARM (M/SKRA) Utan ventill Inngår i sammensetting Utan glass (For 28 mm glassoppb.) Annet: Glasslister buntet pr. vindu og markes n/varelinje Spas, spor i begge sidekarnar se tegn. 07265503 • MANUELL PÅREGNING • Utan foringsnot sider Utv. prod.nål... Bredder(B1)= 813, Høyde(H1)= 1538, Høyde(H2)= 1165, Side(S2)= 895	813 x 1538					
115	W6	1	ND FAST KARM (M/SKRA) Utan ventill Inngår i sammensetting Utan glass (For 28 mm glassoppb.) Annet: Glasslister buntet pr. vindu og markes n/varelinje Spas, spor i begge sidekarnar se tegn. 07265503 • MANUELL PÅREGNING • Utan foringsnot sider Utv. prod.nål... Bredder(B1)= 813, Høyde(H1)= 1165, Høyde(H2)= 791, Side(S2)= 895	813 x 1165					
120	W6	1	ND FAST KARM (M/SKRA) Utan ventill Inngår i sammensetting Utan glass (For 28 mm glassoppb.) Annet: Glasslister buntet pr. vindu og markes n/varelinje Spas, spor på høyre side, sett fra innside se tegn. 07265503 Utan not på høyre side, sett fra innside. • MANUELL PÅREGNING Utv. prod.nål... Bredder(B1)= 813, Høyde(H1)= 791, Høyde(H2)= 418, Side(S2)= 895	813 x 791					

Vi har selgsoppgitt i de lovende varene innmill kjøpssummen
 Inkluderte renter og omkostninger er fullt ut betalt, jfr.
 parrelavene § 3-14 til § 3-22. Aksept Anesc ikke som
 betaling for den er innfridd i sin helhet.
 Alle priser er enhetspriser ekskl. m.v.a.

Takk for bestillingen!
 Vennlig hilsen
NorDan AS



NorDan AS

4460 MOI
Org.nr.: NO 979 776 233 MVA
Telefon 51 40 40 00 · Telefax 51 40 17 72
E-mail: firmapost@nor-dan.com

Ordrebekreftelse, VERSJON 1

Nr. 72655 Side 7 av 15
Vi ber Dem referere til dette ordrenummer ved eventuelle henvendelser vedrørende bestillingen.

Hoi, 51404000

Prod.sted: Hoi

75

ABERDEEN WINDOW AND DOOR

83-87 CAUSEWAYEND

GB-AB2 3TQ ABERDEEN

Varenummer

ABERDEEN WINDOW AND DOOR

83-87 CAUSEWAYEND

GB-AB2 3TQ ABERDEEN

Markert

VIA ABERDEEN 00/09045 VAT NUMBER: 376 985 188

K

Kundnr. 3174	Virksomhedsnr. Personal Data Redacted	Order ordre 00/09045	Pris 18,09.00	Virksomhedsnr. Personal Data Redacted	Tilbudnr.	Plottingsdato 22.09.
Typ. forslag (Af-tilbud)	Low. budnr (Af-tilbud)	Leveringsbetingsnr.	Netto pr. 30 dager		Varenr dato	
2000-44						

Vl. nr.	Vare nrk.	Ant.	Beskrivelse	(Bredde x Høyde)	Enhetspris	Flak
125	W6	1	SAMMENSETTING	4888 x 2658		
130	W6	1	GLASS			
			Annet. Vitrer: 095 Glass for Vitrer: 095			
135	W6	1	GLASS			
			Annet. Vitrer: 100 Glass for Vitrer: 100			
140	W6	1	GLASS			
			Annet. Vitrer: 105 Glass for Vitrer: 105			
145	W6	1	GLASS			
			Annet. Vitrer: 110 Glass for Vitrer: 110			
150	W6	1	GLASS			
			Annet. Vitrer: 115 Glass for Vitrer: 115			
155	W6	1	GLASS			
			Annet. Vitrer: 120 Glass for Vitrer: 120			

Vi har anslått i de leverte varene innli kjøpssummen inkluderte renter og omkostninger er fullt ut betalt, jfr. pantelovene § 3-14 til § 3-22. Akseptert betyr ikke som betaling før den er innfridd i sin helhet.
Alle priser er erbjetspriser ekskl. m.v.a.

Takk for bestillingen!
Vennlig hilsen
NorDan AS

Kø1, 51404000

Prod.sted: Moi

75

ABERDEEN WINDOW AND DOOR

83-87 CAUSEWAYEND

GB-AB2 3TQ ABERDEEN

Varebeskrivelse

ABERDEEN WINDOW AND DOOR

83-87 CAUSEWAYEND

GB-AB2 3TQ ABERDEEN

VIA ABERDEEN 00/09045 VAF NUMBER: 376 985 188

Kundnr. 3174	Dato på ordre 18.09.00	Dato på ordre 00/09045	av 18.09.00	Varebeskrivelse	Tilbudnr.	Hverpris 22.09
Finansnr. (for kunde) 2000-44	Low. handle. (for kunde)	Leveringsbetingelser	Netto pr. 30 dager		Varenr.	Varenr.

VL. nr.	Vare mkr.	Ant.	Beskrivelse	(Bredde x Høyde)	Enhetspris	Rel
160	W10	1	<p>ND FAST KARM (M/SKRA)</p> <p>Uten ventil Inngår i sammensetting Uten glass (For 28 mm glassoppb.)</p> <p>Ånnet..... Glasslister buntet pr. vindu og markes w/varelinje Spes. spor på venstre sider, sett fra innside se tegn. 07265503 Uten not på venstre sider, sett fra innside Spes. spor se tegn. 07265501 Felt i ned glasslister for 36mm glass tykkelse</p> <p>• MANUELL PÅKJØRING • Uten foringsnot i bun</p> <p>Utv. prod.nål... Bredde(B1)= 833, Høyde(H1)= 803, Høyde(H2)= 1189, Side(S1)= 918</p>	833 x 1189		
165	W10	1	<p>ND FAST KARM (M/SKRA)</p> <p>Uten ventil Inngår i sammensetting Uten glass (For 28 mm glassoppb.)</p> <p>Ånnet..... Glasslister buntet pr. vindu og markes w/varelinje Spes. spor i begge sidekarmene se tegn. 07265503 Spes. spor se tegn. 07265501 Felt i ned glasslister for 36mm glass tykkelse</p> <p>• MANUELL PÅKJØRING • Uten foringsnot sider • Uten foringsnot i bun</p> <p>Utv. prod.nål... Bredde(B1)= 833, Høyde(H1)= 1190, Høyde(H2)= 1576, Side(S1)= 918</p>	833 x 1576		
170	W10	1	<p>ND FAST KARM (M/SKRA)</p> <p>Uten ventil Inngår i sammensetting Uten glass (For 28 mm glassoppb.)</p> <p>Ånnet..... Glasslister buntet pr. vindu og markes w/varelinje Spes. spor i begge sidekarmene se tegn. 07265503 Spes. spor se tegn. 07265501 Felt i ned glasslister for 36mm glass tykkelse</p> <p>• MANUELL PÅKJØRING • Uten foringsnot sider • Uten foringsnot i bun</p> <p>Utv. prod.nål... Bredde(B1)= 833, Høyde(H1)= 1577, Høyde(H2)= 1962, Side(S1)= 918</p>	833 x 1962		

I vår salgspolis i de leverte varene innlitt kjøpsavtalen
inkluderte renter og omkostninger er fullt ut betalt. Jfr.
pantelovene § 3-14 III § 3-22. Aksept avses ikke som
betaling for den er innlitt i sin helhet.
Alle priser er enhetspriser ekskl. m.v.a.

Takk for bestillingen!
Vennlig hilsen
NorDan AS

Moi, 51404000

Prod.stad: Moi

Nr. 72655 Side 9 av 15
Vi ber Dem referere til dette ordrenummer ved eventuelle henvendelser vedrørende bestillingen.

75

ABERDEEN WINDOW AND DOOR

83-87 CAUSEWAYEND

GB-AB2 3TQ ABERDEEN

Varengruppe

ABERDEEN WINDOW AND DOOR

83-87 CAUSEWAYEND

GB-AB2 3TQ ABERDEEN

MÅTTEN

VIA ABERDEEN 00/09045 VAT NUMBER: 376 985 188

Kundenummer 3174	Personale Redacted	Ordre nr. 00/09045	Dato 18.09.00	Vår referanse Personal Data Redacted	Ytelseart. Tilbudstid.	Netto pr. 22.09.
Fin. instruks (Arbeidsdage)	Lev. kunde (Arbeidsdage)	Leveringsbetingelser	Netto pr. 30 dager	Vareof. gruppe		
2000-44						

VL. nr.	Vare mtk.	Ant.	Beskrivelse	(Bredde x Høyde)	Enhetspris	Ra.
175	W10	1	<p>ND FAST KARM (M/SKRÅ)</p> <p>Uten ventil Inngår i sønnensetting Uten glass (for 28 mm glassoppb.)</p> <p>Annet: Glasslister buntet pr. vindu og parker w/varelinje Spes. spor i begge sidekammer se tegn. 07265503 Spes. sprong se tegn. 07265501 Følt i ned glass lister for 36mm glass tykkelse</p> <ul style="list-style-type: none"> MANUELL PÅREGNING Uten foringsnot i bunn Uten foringsnot sider <p>Utv. prod. nbl. 1 Bredde (B1) = 833, Høyde (H1) = 1963, Høyde (H2) = 2349, Side (S1) = 918</p>	833 x 2349		
180	W10	1	<p>ND FAST KARM (M/SKRÅ)</p> <p>Uten ventil Inngår i sønnensetting Uten glass (for 28 mm glassoppb.)</p> <p>Annet: Glasslister buntet pr. vindu og parker w/varelinje Spes. spor i begge sidekammer se tegn. 07265503 Spes. sprong (høttvert) se tegn. 07265501 Følt i 1+2 ned glass lister for 36mm glass tykkelse</p> <ul style="list-style-type: none"> MANUELL PÅREGNING Uten foringsnot i bunn Uten foringsnot sider <p>Utv. prod. nbl. 1 Bredde (B1) = 833, Høyde (H1) = 2350, Høyde (H2) = 2350, Side (S1) = 459, Side (S2) = 460</p>	833 x 2543		
185	W10	1	<p>ND FAST KARM (M/SKRÅ)</p> <p>Uten ventil Inngår i sønnensetting Uten glass (for 28 mm glassoppb.)</p> <p>Annet: Glasslister buntet pr. vindu og parker w/varelinje Spes. spor i begge sidekammer se tegn. 07265503 Spes. sprong se tegn. 07265501 Følt i ned glass lister for 36mm glass tykkelse</p> <ul style="list-style-type: none"> MANUELL PÅREGNING Uten foringsnot sider Uten foringsnot i bunn <p>Utv. prod. nbl. 1 Bredde (B1) = 833, Høyde (H1) = 2349, Høyde (H2) = 1963, Side (S2) = 918</p>	833 x 2349		

her selges også i de leverte varene (inkl. reparasjon) inkluderte ventiler og omkostninger er inkl. til bestill. nr. pantelagene 8 3-14 III 8 3-22. Aksept avses ikke som betaling for den er innfridd i sin helhet. Alle priser er enhetspriser ekskl. m.v.a.

Takk for bestillingen!
Vennlig hilsen
NorDan AS

Hoi, 51404000

Prod.sted: Moi

Nr. 72655 Side 10 av 15

Vi ber Dem referere til dette ordrenummer ved eventuelle henvendelser vedrørende bestillingen.

75

ABERDEEN WINDOW AND DOOR

83-87 CAUSEWAYEND

GB-AB2 3TQ ABERDEEN

Varerubrikk

ABERDEEN WINDOW AND DOOR

83-87 CAUSEWAYEND

GB-AB2 3TQ ABERDEEN

VIA ABERDEEN 00/09045 VAF NUMMER: 376 985 188

Kundnr.: 3174	Person data redacted	Dette ordre: 00/09045	av: 18.09.00	Vår referanse: Person data redacted	Tilbudnr.:	Malnr./1: 22.09
Fra RAPID (Arbeidsnr): 2000-44	Lev. kriter. (Arbeidsnr):	Lev. kriter. (Arbeidsnr):	Delingsabslutninger: Netto pr. 30 dager		Verdigr.:	Verdigr.:

VL. nr.	Vare mrk.	Ant.	Beskrivelse	(Bredde x Høyde)	Enhetspris	Ra
190	W10	1	<p>ND FAST KARM (M/SKRA)</p> <p>Uten ventil Løngår i sammensetting Uten glass (For 28 mm glassoppb.)</p> <p>Agnet:! Glasslister buntet pr. vindu og markes n/warelinje Spes. spor i begge sidekammer se tegn. 07265503 Spes. spor se tegn. 07265501 Pelt i ned glass lister for 36mm glass tykkelse</p> <ul style="list-style-type: none"> • MANUELL PÅREGNING • Uten foringsnot i bunn • Uten foringsnot sider <p>Utv. prod.nål: .. Bredde(B1)= 833, Høyde(H1)= 1962, Høyde(H2)= 1577, Side(S2)= 918</p>	833 x 1962		
195	W10	1	<p>ND FAST KARM (M/SKRA)</p> <p>Uten ventil Løngår i sammensetting Uten glass (For 28 mm glassoppb.)</p> <p>Agnet:! Glasslister buntet pr. vindu og markes n/warelinje Spes. spor i begge sidekammer se tegn. 07265503 Spes. spor se tegn. 07265501 Pelt i ned glass lister for 36mm glass tykkelse</p> <ul style="list-style-type: none"> • MANUELL PÅREGNING • Uten foringsnot i bunn • Uten foringsnot sider <p>Utv. prod.nål: .. Bredde(B1)= 833, Høyde(H1)= 1576, Høyde(H2)= 1190, Side(S2)= 918</p>	833 x 1576		
200	W10	1	<p>ND FAST KARM (M/SKRA)</p> <p>Uten ventil Løngår i sammensetting Uten glass (For 28 mm glassoppb.)</p> <p>Agnet:! Glasslister buntet pr. vindu og markes n/warelinje Spes. spor på høyre sider, sett fra innside se tegn. 07265503 Uten not på høyre sider, sett fra innside. Spes. spor se tegn. 07265501 Pelt i ned glass lister for 36mm glass tykkelse.</p> <ul style="list-style-type: none"> • MANUELL PÅREGNING • Uten foringsnot i bunn <p>Utv. prod.nål: .. Bredde(B1)= 833, Høyde(H1)= 1189, Høyde(H2)= 803, Side(S2)= 918</p>	833 x 1189		

Her skalpart i de leverte varene innr. Kjøpsnummeret inklusive renter og omkostninger er fullt ut betalt. (fr. penselovare § 3-14 til § 3-22. Aksept anses ikke som betaling før den er innfridd i sin helhet. Alle priser er enhetspriser ekskl. m.v.a.

Takk for bestillingen!
Vennlig hilsen
NorDan AS

Moi, 51404000

Prod.sted: Moi

Nr. 72655 Side 11 av 15
Vi ber Dem referere til dette ordrenummer ved
eventuelle henvendelser vedrørende bestillingen.

75

ABERDEEN WINDOW AND DOOR

83-87 CAUSEWAYEND

GB-AB2 3TQ ABERDEEN

Vurudress

ABERDEEN WINDOW AND DOOR

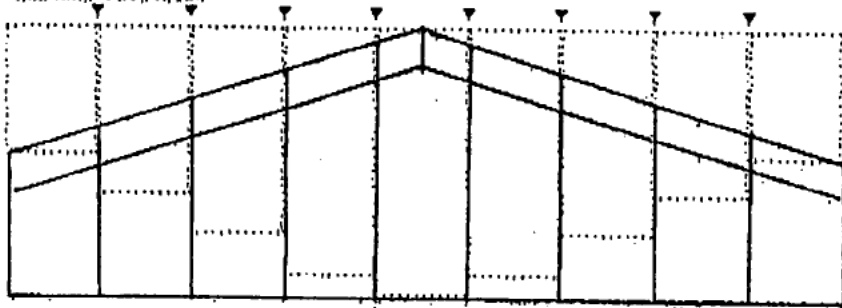


83-87 CAUSEWAYEND

GB-AB2 3TQ ABERDEEN

K

VIA ABERDEEN 00/09045 VAT NUMBER: 376 985 188

Kundnr. 3174	Person Data Redacted	Bestillingsnr. 00/09045	Dato 18.09.00	Vår referanse Redacted	Skuddato	Utført dato 22.09
2000-44	LR (M-REG/REG)	Livstørrelshvulgate	Bestillingstidspunkt	Netto pr. 30 dager		

VL. nr.	Vars mrk.	Ant.	Beskrivelse	(Bredder x Høyde)	Enhetspris	Re
205	W10	1	SAMMENSETTING Annet.....! Se tegn. 07265501 • HANVILL PÅRØYING 	7513 x 2543		
210	W10	1	ND FAST KARM Uten ventil Inngår i sammenstilling Uten glass (for 28 mm glassoppb.) Annet.....! Glasslister hentes pr. vindu og parken n/veralinje Spes. spor på venstre side, rett fra innside se tegn. 07265503 Spes. spor på topp, se tegn. 07265502 Uten not i venstre side, rett fra innside. • Uten foringsnot i topp	833 x 2163 		
215	W10	1	ND FAST KARM Uten ventil Inngår i sammenstilling Uten glass (for 28 mm glassoppb.) Annet.....! Glasslister hentes pr. vindu og parken n/veralinje Spes. spor i begge sidekarmene se tegn. 07265503 Spes. spor på topp, se tegn. 07265502 • Uten foringsnot i topp • Uten foringsnot sider	833 x 2163 		

I her salgspris i de leverte varene inkl. håndarbeid
inklusive renter og omkostninger er fullt ut betalt, ifr.
rentelovene § 3-14 III § 3-22. Årsoppg. anses ikke som
betaling for den er (rentefrid) ein helhet.
Alle priser er enhetspriser ekskl. m.v.a.

Takk for bestillingen!
Vennlig hilsen
NorDan AS

Mol, 51404000

Prod.sted: Mol

Nr. 72655 Sida 12 av 15
Vi ber Dem referere til dette ordrenummer ved eventuelle henvendelser vedrørende bestillingen.

75

ABERDEEN WINDOW AND DOOR
83-87 CAUSEWAYEND





GB-AB2 3TQ ABERDEEN

ABERDEEN WINDOW AND DOOR
83-87 CAUSEWAYEND

GB-AB2 3TQ ABERDEEN

K

Merknad VIA ABERDEEN 00/09045 VAT NUMMER: 376 985 180		Utsendingsdato 00/09045		Netto pr. 30 dager		Mottaksdato 22.09	
Kundenummer 3174	Motors referansen Personal Data Redacted	Utsendingsdato 00/09045	Netto pr. 30 dager	Mottaksdato 22.09	Virksomhetsnavn Personal Data Redacted		
Netto pr. 30 dager 2000-44	Netto pr. 30 dager	Netto pr. 30 dager	Netto pr. 30 dager	Netto pr. 30 dager	Netto pr. 30 dager		

VL. nr.	Vare mtk.	Ant.	Beskrivelse	(Bredde x Høyde)	Enhetspris	Rs
220	W10	1	ND FAST KARM Uten ventil Inngår i sammensetning Uten glass (For 28 mm glassoppb.) Annet: Glasslister buntet pr. vindu og markes n/varelinje Spes. spor i begge sidekarnar se tegn. 07265503 Spes. spor på topp, se tegn. 07265502 • Uten foringsnot i topp • Uten foringsnot sider	833 x 2163		
225	W10	1	ND FAST KARM Uten ventil Inngår i sammensetning Uten glass (For 28 mm glassoppb.) Annet: Glasslister buntet pr. vindu og markes n/varelinje Spes. spor i begge sidekarnar se tegn. 07265503 Spes. spor på topp, se tegn. 07265502 • Uten foringsnot i topp • Uten foringsnot sider	833 x 2163		
230	W10	1	ND FAST KARM Uten ventil Inngår i sammensetning Uten glass (For 28 mm glassoppb.) Annet: Glasslister buntet pr. vindu og markes n/varelinje Spes. spor i begge sidekarnar se tegn. 07265503 Spes. spor på topp, se tegn. 07265502 • Uten foringsnot i topp • Uten foringsnot sider	833 x 2163		
235	W10	1	ND FAST KARM Uten ventil Inngår i sammensetning Uten glass (For 28 mm glassoppb.) Annet: Glasslister buntet pr. vindu og markes n/varelinje Spes. spor i begge sidekarnar se tegn. 07265503 Spes. spor på topp, se tegn. 07265502 • Uten foringsnot i topp • Uten foringsnot sider	833 x 2163		

har angitt i de laveste verdiene inkl. kjøpsnummer
...dette gjelder for alle bestillinger og fullt ut betalt, jfr.
prisindeksene § 3-14 til § 3-22. Alle priser er inkl. m.v.a.
betaling for den er innfridd i sin helhet.
Alle priser er enhetspriser ekskl. m.v.a.

Takk for bestillingen!
Vennlig hilsen
NorDan AS

Moi, 51404000

Prod.stad: Moi

Nr. 72655 Side 13 av 15
 Vi ber Dem referere til dette ordrenummer ved eventuelle henvendelser vedrørende bestillingen.

75




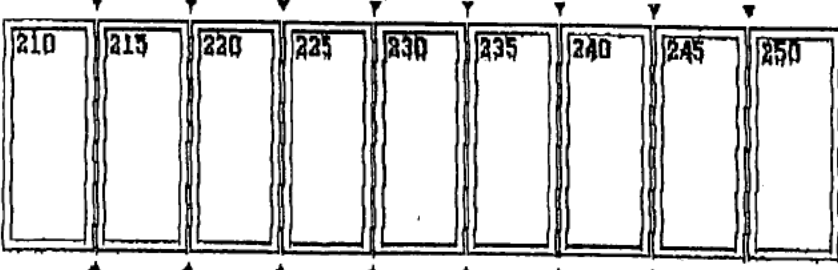
ABERDEEN WINDOW AND DOOR
 83-87 CAUSEWAYEND
 GB-AB2 3TQ ABERDEEN

ABERDEEN WINDOW AND DOOR
 83-87 CAUSEWAYEND
 GB-AB2 3TQ ABERDEEN

VIA ABERDEEN 00/09045 VAT NUMBER: 376 985 188

K

3174	00/09045	18.09.00	22.09
2000-44	Netto pr. 30 dager		

VL. nr.	Vara nr.	Ant.	Beskrivelse	(Bredder x Høyde)	Enhetspr	Ri
240	W10	1	ND FAST KARM Uten ventil Inngår i sammensetting Uten glass (for 28 mm glassoppb.) Annet: Glasslister høytas pr. vindu og markes n/varerlinje spes. spor i begge sidekarnet se tegn. 07265503 spes. spor på topp, se tegn. 07265502 • Uten foringsnot i topp • Uten foringsnot sider	833 x 2163 		
245	W10	1	ND FAST KARM Uten ventil Inngår i sammensetting Uten glass (for 28 mm glassoppb.) Annet: Glasslister høytas pr. vindu og markes n/varerlinje spes. spor i begge sidekarnet se tegn. 07265503 spes. spor på topp, se tegn. 07265502 • Uten foringsnot i topp • Uten foringsnot sider	833 x 2163 		
250	W10	1	ND FAST KARM Uten ventil Inngår i sammensetting Uten glass (for 28 mm glassoppb.) Annet: Glasslister høytas pr. vindu og markes n/varerlinje spes. spor på høyre sider, sett fra innside, se tegn. 07265503 spes. spor på topp, se tegn. 07265502 Uten not på høyre sider, sett fra innside. • Uten foringsnot i topp	833 x 2163 		
255	W10	1	SAMMENSETTING	7513 x 2163 		

her selgespart i de leverte varene innli kløpsummen
 inkludert renter og omkostninger er fullt ut betalt. Jfr.
 pantelovens § 3-14 til § 3-12. Aksept anses ikke som
 betaling for den er innlidd i sin helhet.
 Alle priser er enhetspriser ekskl. m.v.a.

Takk for bestillingen!
 Vennlig hilsen
NorDan AS

MoI, 51404000

Prod.sted MoI

Nr. 72655 Side 14 av 15

Vi ber Dem referere til dette ordrenummer ved eventuelle henvendelser vedrørende bestillingen.

75

ABERDEEN WINDOW AND DOOR

83-87 CAUSEWAYEND

GB-AB2 3TQ ABERDEEN

Vorordragsnr

ABERDEEN WINDOW AND DOOR

83-87 CAUSEWAYEND

GB-AB2 3TQ ABERDEEN

K

VIA ABERDEEN 00/09045 VAF NUMBR: 376 985 188

Kundnr. 3174	Person Data Redacted	Dato og ordre 00/09045	Netto pr. 18.09.00	Person Data Redacted	Netto pr. 22.09
FA TARIFF (Arbeidsforhold) 2000-44	Lex kunda (drufordb)	Levingsforhold	Netto pr. 30 dager	Person Data Redacted	Verod dato

VL. nr.	Vare mrk.	Ant.	Beskrivelse	(Bredde x Høyde)	Enhetspris	R
260	W10	4	ISOLER FELT. Yar felt 1 av Vlnr. 160,165,170,175 Utvendig profilert Aluminium belagt, pulverl. RAL7031 Se tegn. 07265501 Ubehandlet, X-finer innv.			
261	W10	4	ISOLERT FELT Yar felt 1 av Vlnr. 185,190,195,200 Utvendig profilert Aluminium belagt, pulverl. RAL7031 Se tegn. 07265501 Ubehandlet, X-finer innv.			
262	W10	2	GLASS Annet. Glass for felt 2 av Vlnr. 160+200			
263	W10	2	GLASS Annet. Glass for felt 2 av Vlnr. 165+195			
264	W10	2	GLASS Annet. Glass for felt 2 av Vlnr. 120+190			
265	W10	2	GLASS Annet. Glass for felt 2 av Vlnr. 175+185			
270	W10	1	ISOLER FELT FOR FELT 1 AV VLNR: 180 Ubehandlet, X-finer innv. Utvendig profilert. Aluminium belagt, pulverl. RAL7031 Se tegn. 07265501			
275	W10	1	ISOLER FELT FOR FELT 2 AV VLNR 180. Ubehandlet, X-finer innv. Utvendig profilert. Aluminium belagt, pulverl. RAL7031 Se tegn. 07265501			
280	W10	1	GLASS Annet. Glass for felt 3 av Vlnr. 180			

Vi ber selgeren i de fleste tilfeller innlevere kjøpsbeholdningen inkludert renter og omkostninger er fullt ut betalt, ift. pantelovene § 3-14 til § 3-22. Aksept omgaa ikke som betaling for den er innlevert i sin helhet.
Alle priser er enhetspriser ekskl. m.v.a.

Takk for bestillingen!
Vennlig hilsen
NorDan AS

Mo1, 51404000

Prod.sted: Mo1

Nr. 72655 Side 15 av 15
Vi ber Dem referere til dette ordrenummer ved eventuelle henvendelser vedrørende bestillingen.

75

ABERDEEN WINDOW AND DOOR
83-87 CAUSEWAYEND

GB-AB2 3TG ABERDEEN

Vareadresse
ABERDEEN WINDOW AND DOOR
83-87 CAUSEWAYEND

GB-AB2 3TG ABERDEEN

K

Marked
VIA ABERDEEN 00/09045 VAT NUMMER: 376 985 188

Kundnr. 3174	Person nr. Personal Data Redacted	Dato og år 00/09045	ØV 18.09.00	Vat nr. Personal Data Redacted	Netto pr. 22.09
Pro. nr. 2000-44	Netto pr. 30 dager				

VL. nr.	Vare mnr.	Ant.	Beskrivelse	Netto pr. 30 dager (Bredda x Høyde)	Enhetspris	Ra
285	W10	9	GLASS Annot. GLASS for 'Vitr' 210, 215, 220, 226, 230 235, 240, 245, 250			
290		3	RAS125 PULVERL. RAL5022 Hale 6m lengde			
295		2	RAS199 PULVERL. RAL5022 Hale 6m lengde			
300		2	RAS305 PULVERL. RAL5022 Hale 6m lengde			
305		1	**HUSK ALLE GLASSLISTER MEDSENDES LØSE**			

Spørsmål vedrørende
leveringstidspunkt rettes til:
Knutten Telefon 51 40 41 77

Vi ber vedlegg i de leverte varene innli kopierummen
inkludert renter og omkostninger er fullt ut betalt, fr.
pantelovens § 3-14 til § 3-26. Aksept anses ikke som
betaling før den er innfridd i sin helhet.
Alle priser er enhetspriser ekskl. m.v.a.

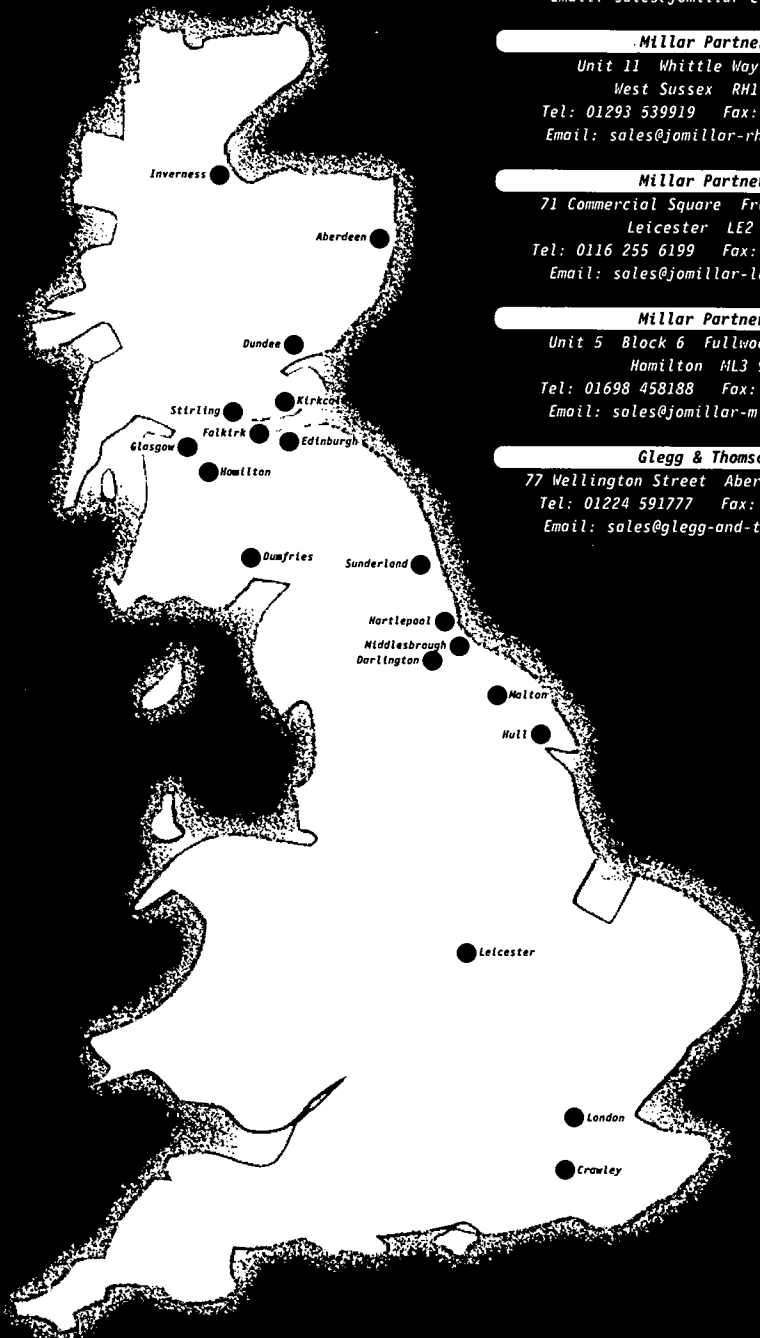
Øst, nr. 2, kl. 09:29 av PC 238 (Esp. 3)

Takk for bestillingen!
Vennlig hilsen
NorDan AS den 22.09.00
Ross Leishman, tlf. 51404000

THOMSON

Brothers Group

All of our depot network will handle enquiries for the Omega Collection but for architects who wish assistance with specification of the Omega Collection we have highlighted those locations where we have dedicated sales and technical personnel offering a full specification service.



LOCATIONS OFFERING A FULL ARCHITECTURAL SPECIFICATION SERVICE

Millar Partners

555 South Street Glasgow G14 0QT
Tel: 0141 954 5051 Fax: 0141 954 7322
Email: sales@millarpartners.co.uk

Millar Partners

20 Hawkhill Avenue Hawkhill Ind. Est.
Edinburgh EH7 6BU
Tel: 0131 661 6060 Fax: 0131 661 6061
Email: sales@jomillar-eh7.sol.co.uk

Millar Partners

Unit 11 Whittle Way Crawley
West Sussex RH10 2RW
Tel: 01293 539919 Fax: 01293 538790
Email: sales@jomillar-rh10.sol.co.uk

Millar Partners

71 Commercial Square Freemans Common
Leicester LE2 7SR
Tel: 0116 255 6199 Fax: 0116 255 6231
Email: sales@jomillar-le2.sol.co.uk

Millar Partners

Unit 5 Block 6 Fullwood Ind. Est.
Hamilton HL3 9AZ
Tel: 01698 458188 Fax: 01698 458199
Email: sales@jomillar-ml3.sol.co.uk

Glegg & Thomson

77 Wellington Street Aberdeen AB11 5BX
Tel: 01224 591777 Fax: 01224 591444
Email: sales@glegg-and-thomson.co.uk

Barclay & Company

52 Edinburgh Road Dumfries DG1 1JS
Tel: 01387 255660/256137 Fax: 01387 250973
Email: sales@lbarclay.co.demon.co.uk

Fyfe Douglas

119 Clepington Road Dundee DD3 7NU
Tel: 01382 458918 Fax: 01382 462967
Email: sales@fyfedouglas.co.uk

Fyfe Douglas

15A Harbour Road Inverness IV1 1SY
Tel: 01463 222600 Fax: 01463 225811
Email: sales@fyfedouglas-iv1.sol.co.uk

Kings

Units 3a-5a Meynell Road
Off Whessoe Road Darlington
Co. Durham DL3 0XA
Tel: 01325 380808 Fax: 01325 381863

Kings

Newport Way Cannon Park Ind. Est.
Middlesbrough TS1 5JW
Tel: 01642 252266 Fax: 01642 253933

Kings

Cobblestone Park Foster Street
Stoneferry Road Hull HU8 8BT
Tel: 01482 589989 Fax: 01482 589444

Kings

Carrmere Road Leechmere Ind. Est.
Sunderland SR2 9TW
Tel: 0191 523 6773 Fax: 0191 523 6392

OTHER DEPOTS

Kings

Shawfield Ind. Est. Malton YO17 0BT
Tel: 01653 690011 Fax: 01653 690060

Kings

Ullswater Road Longhill Ind. Est.
Hartlepool TS25 1UE
Tel: 01429 868606 Fax: 01429 868899

Millar Partners

Unit 3 6 Munro Road
Springkerse Ind. Est. Stirling FK7 7UU
Tel: 01786 462616 Fax: 01786 463422
Email: sales@jomillar-fk7.sol.co.uk

Rosco Industrial Ltd

Skew Bridge Laurieston
Falkirk FK2 9PA
Tel: 01324 611787 Fax: 01324 621375
Email: sales@roscoindustrial.co.uk

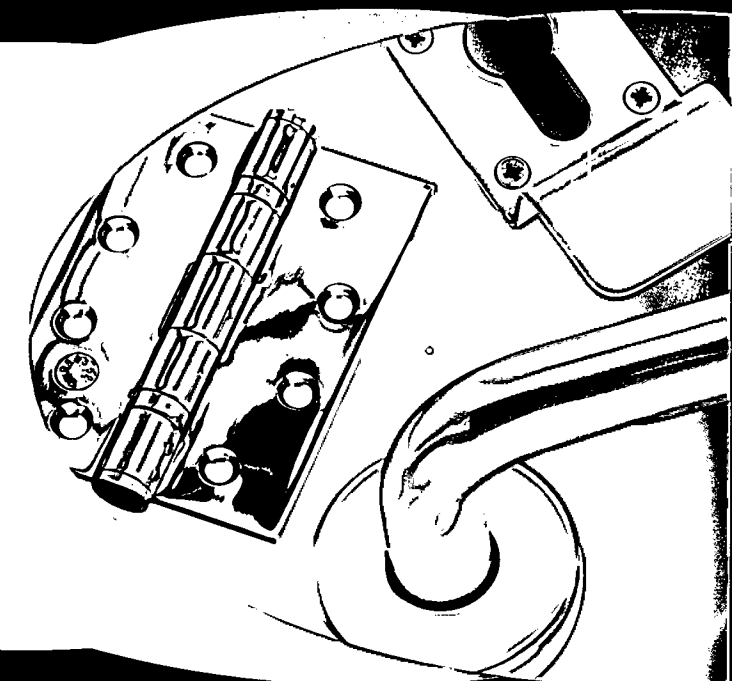
Thomson Brothers

5 Randolph Place Randolph Ind. Est.
Kirkcaldy KY1 2YX
Tel: 01592 650055 Fax: 01592 650228
Email: sales@thomsonbrothers.co.uk

Trioplan Security

Premier House 5 Randolph Place
Kirkcaldy KY1 2YX
Tel: 01592 654141 Fax: 01592 651995
Email: sales@trioplan.co.uk

DRYAD Omega COLLECTION



DRYAD DRYAD DRYAD

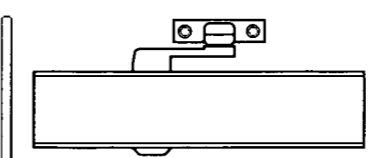


The Dryad Omega Collection is a comprehensive range of products available in Stainless Steel, Aluminium and Brass.

Competitively costed the Dryad Omega Collection has been designed for use on contracts where good quality products are required at affordable prices.

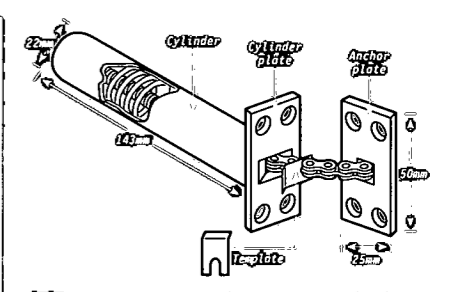
The Dryad Omega Collection was launched by Dryad in 1991 and over the years has been supplied on a wide variety of projects.

Door Closers
Fig 1/1/1/1 &



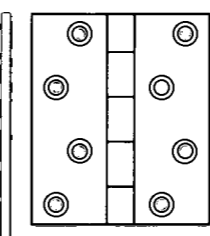
- OM55 Power size 3 economy closer
Finish SF
- OM56 Power size 3/4
Finishes PSS, SSS, SE, PD
- OM57 As OM56 but with back check
Finishes PSS, SSS, SE, PD
- OM58 Power size 2/3 with back check and delayed action
Finishes PSS, SSS, SE, PD

Concealed Door Closer

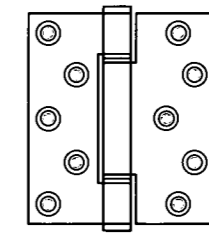


OM54 Non check action for doors up to 50 kilos

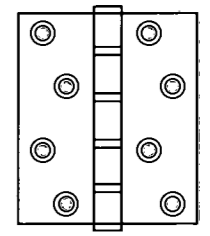
Hinges



steel medium/strong
OM61A 75mm x 60mm
Finish ZEP
OM61B 100mm x 75mm
Finish ZEP

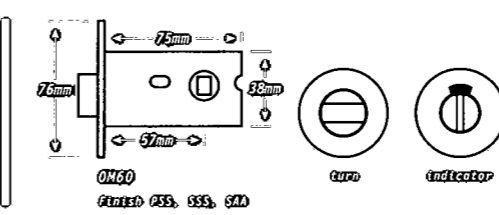


hi-load
OM64 100mm x 75mm
Finishes ZPA, SSSS, PCP, SPB

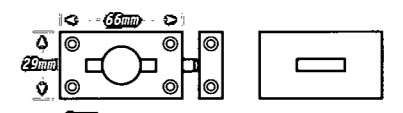


ball race
OM62 100mm x 75mm
Finishes ZPA, PSS, SSS, PD

Indicator Bolts



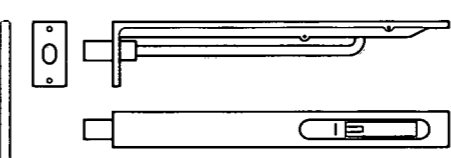
OM60
Finish PSS, SSS, SAA



OM65
Finish SAA, PB

Flush Bolt

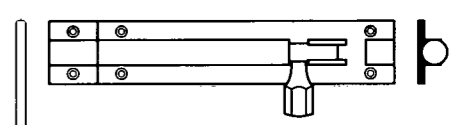
203mm x 19mm
(other sizes available)
Finishes SAA, SCP, PCP, PB



flush bolt lever
OM40B

Barrel Bolts

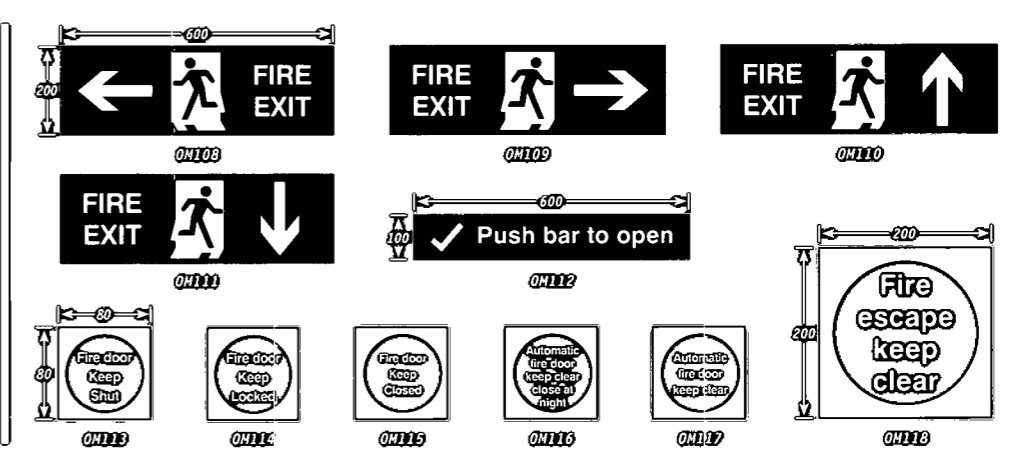
Finishes SAA, SCP, PCP, PB



straight barrel bolt	OM44A 102mm x 25mm	necked barrel bolt	OM44A 102mm x 25mm
OM44B 152mm x 32mm	OM44B 152mm x 32mm	OM44C 203mm x 32mm	OM44C 203mm x 32mm

Exit Signs

Prefix
FA for Aluminium
FB for Rigid Plastic
FV for Self Adhesive Vinyl
eg FBOM113



Finishes

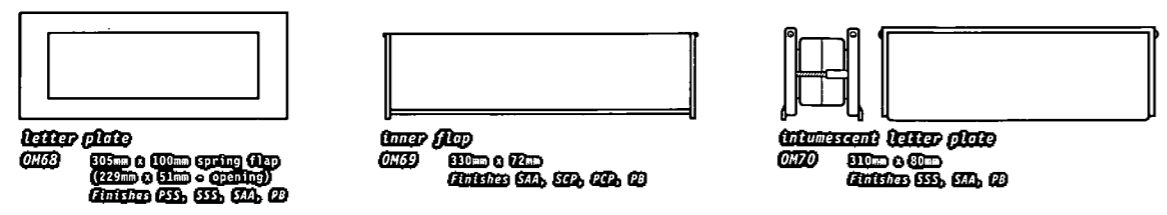
- | | | |
|----------------------------------|---|----------------------|
| P.S.S. Polished Stainless Steel | B.Z.P. Bright Zinc Plated | S.C. Satin Chrome |
| S.S.S. Satin Stainless Steel | S.S.S.S. Simulated Satin Stainless Steel | P.C. Polished Chrome |
| S.A.A. Silver Anodised Aluminium | S.P.S.S. Simulated Polished Stainless Steel | S.E. Silver Enamel |
| S.C.P. Satin Chrome Plated | S.P.B. Simulated Polished Brass | P.B. Polished Brass |
| P.C.P. Polished Chrome Plated | | |

miscellaneous

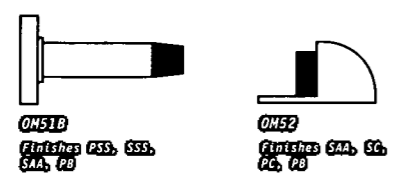
Door Signs
80mm Dia. 1.5mm Thick
Finishes PSS, SSS, SAA, PB
Engraved name plates available to order



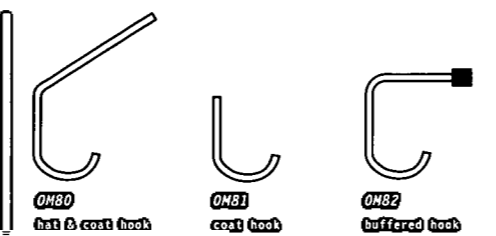
Letter Plate



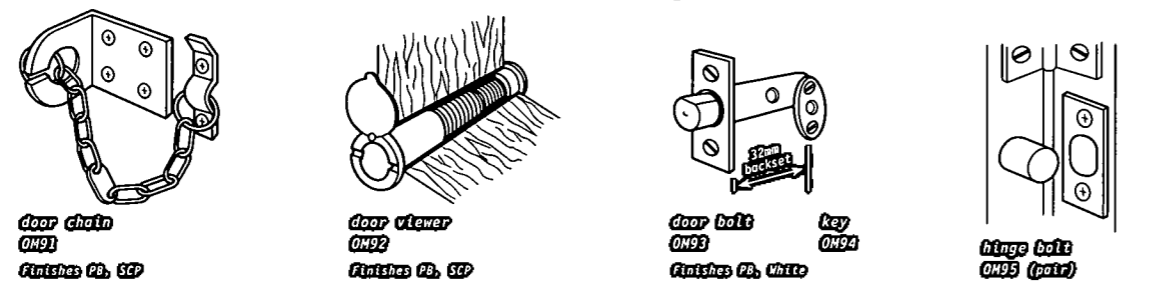
Door Stops



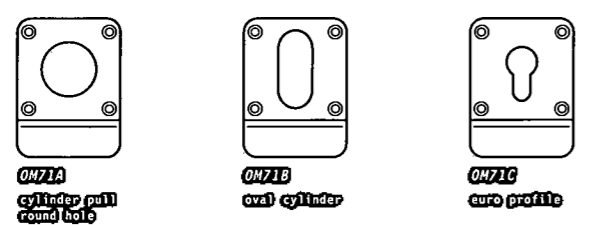
Hot & Coat Hooks
Finishes PSS, SSS, SAA, PB



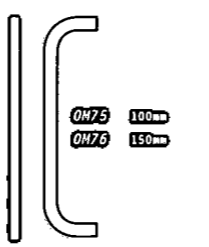
Ancillary Fittings



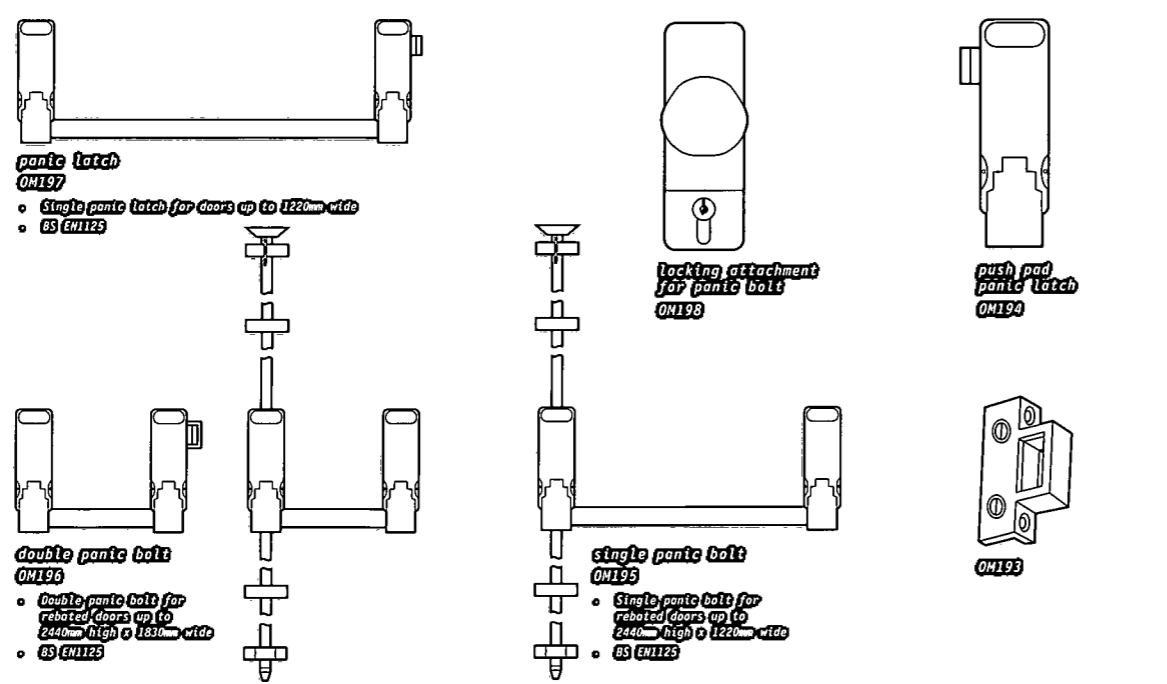
Cylinder Pulls
Finishes PSS, SSS, SAA, PB



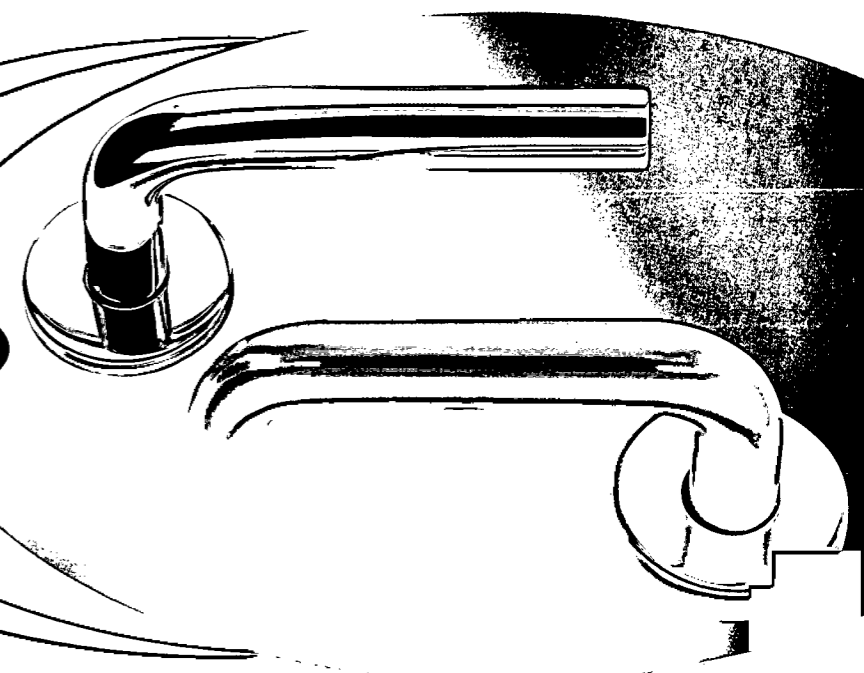
Cabinet Handle
10mm dia.
Finishes PSS, SSS, SAA, PB



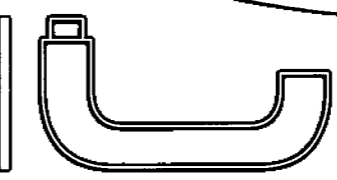
Panic Fittings
Finishes SE, SPSS, SSSS, SPB



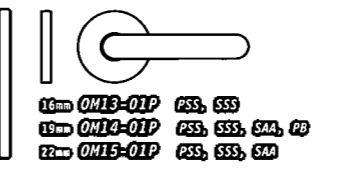
Lever Handles



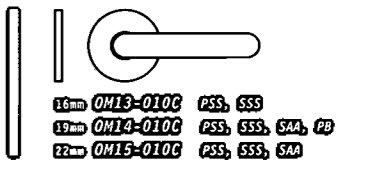
Safety Lever Handles
16, 19 & 22mm Dia.



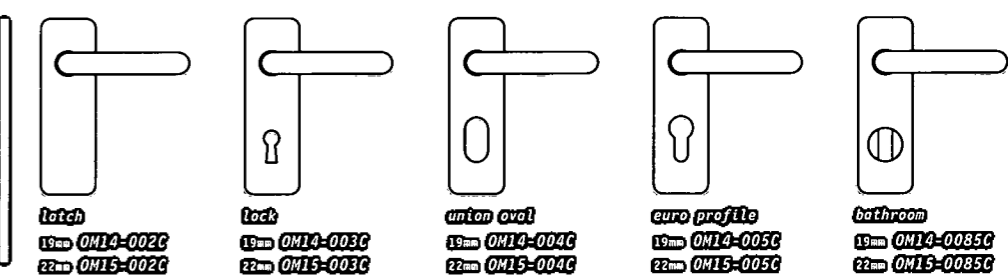
Levers on Roses
53mm Dia. 10mm Thick



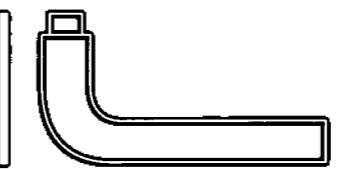
UNSPRUNG
53mm Dia. 5mm Thick



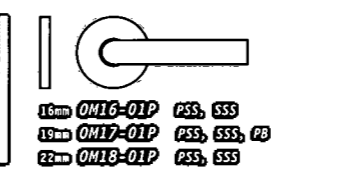
Levers on Backplates
154x42x10mm
Finishes PSS, SSS, SAA, PB



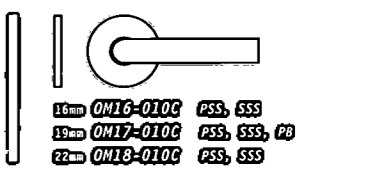
Straight Lever Handles
16, 19 & 22mm Dia.



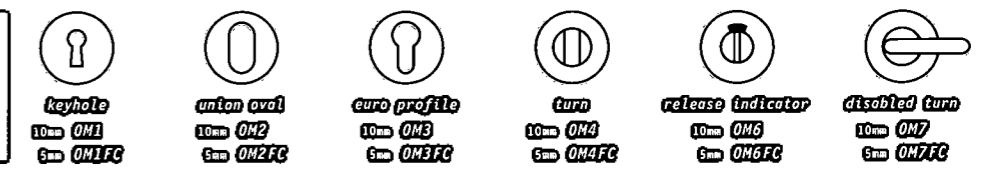
Levers on Roses
53mm Dia. 10mm Thick



UNSPRUNG
53mm Dia. 5mm Thick



Escutcheons, Turns & Releases
53mm Dia.
Finishes PSS, SSS, SAA, PB

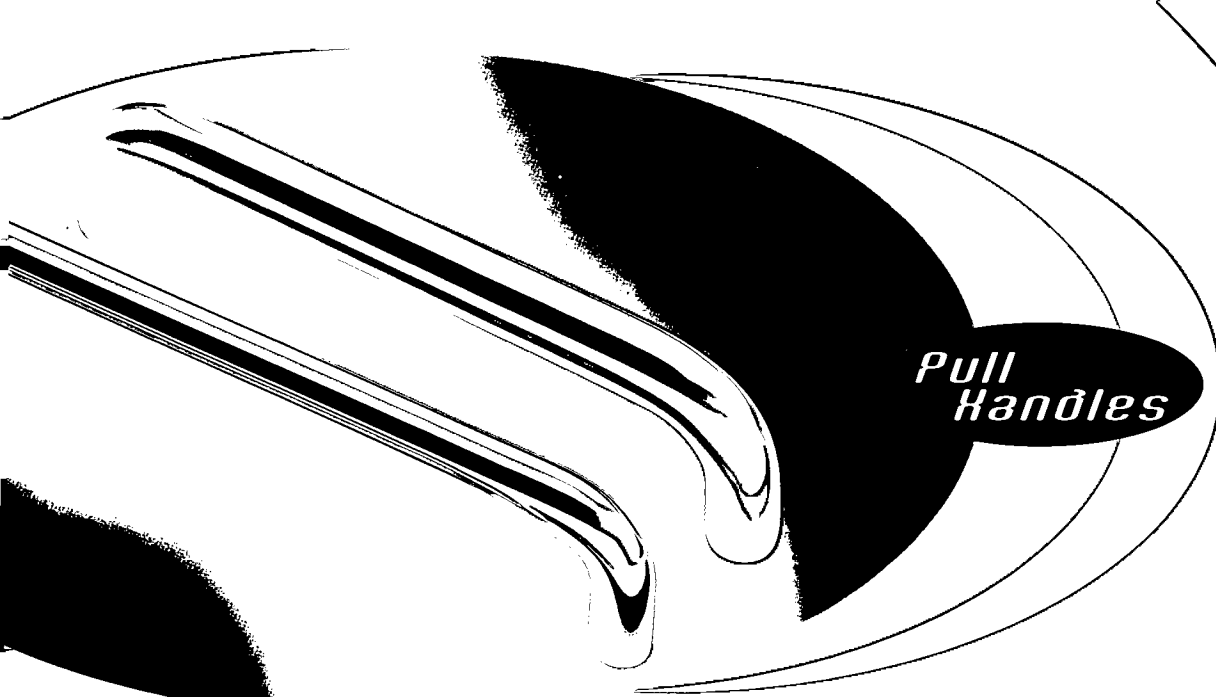


Finishes

- P.S.S. Polished Stainless Steel
- S.S.S. Satin Stainless Steel
- S.A.A. Silver Anodised Aluminium
- P.B. Polished Brass

THROUGH FIXING - suffix 'TF' available on request.

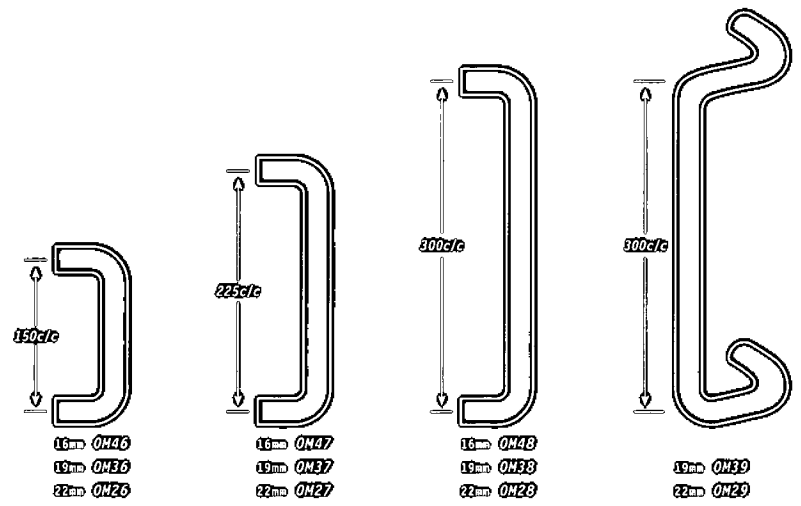




Pull Handles

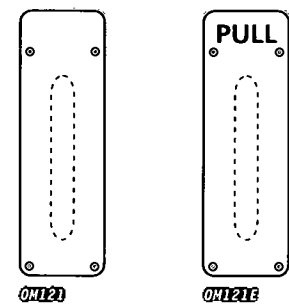
Pull Handles

19 & 22mm Dia.
Finishes P.S.S., S.S.S., S.A.A., P.B.



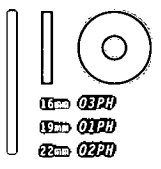
Backplates

330x75mm
Available for OM37 & OM27 only
Finishes P.S.S., S.S.S., S.A.A., P.B.

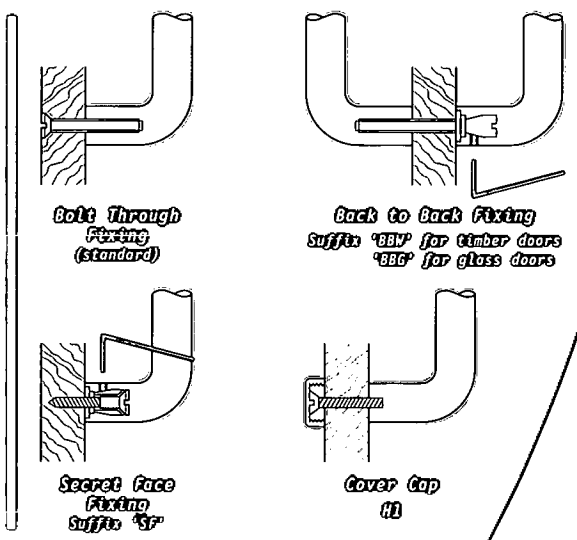


Covered Rose

53mm Dia., 10mm Thick
Finishes P.S.S., S.S.S., S.A.A., P.B.

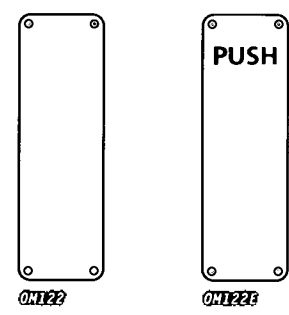


Fixings



Push Plates

330x75mm
Finishes P.S.S., S.S.S., S.A.A., P.B.



Kicking plates available in 16 gauge Polished or Satin Stainless Steel and Silver Anodised Aluminium

Finishes

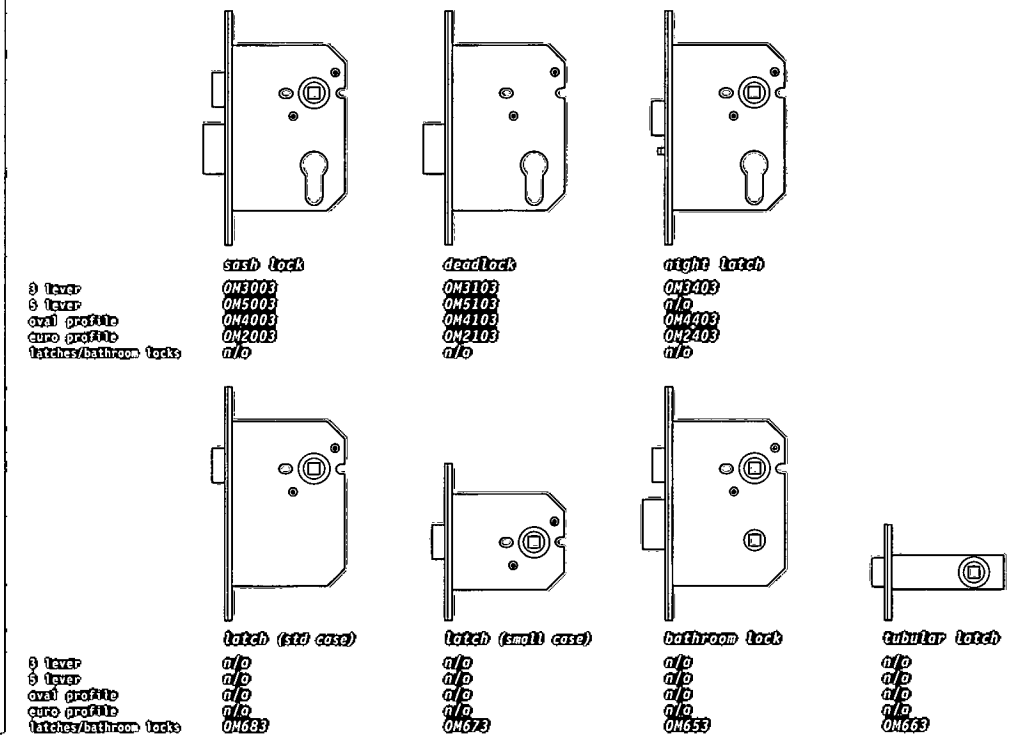
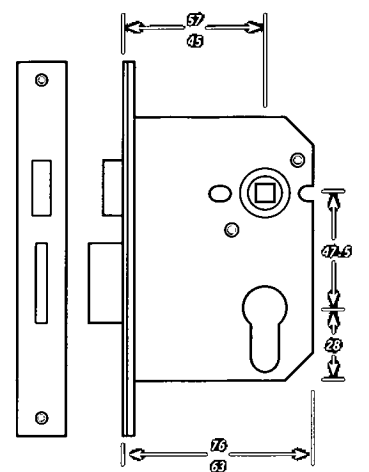
- P.S.S. Polished Stainless Steel (Grade 1810)
- S.S.S. Satin Stainless Steel (Grade 1810)
- S.A.A. Silver Anodised Aluminium
- P.B. Polished Brass



Locks & Latches

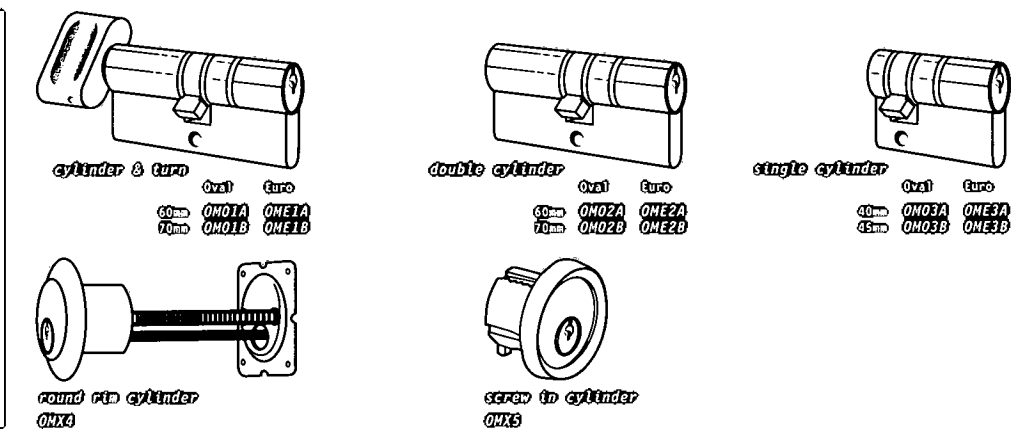
Finishes S.S.P., P.B.

Size - 76mm as standard.
Also available 63mm with 45mm backset.
When specifying change the last digit to a 2.



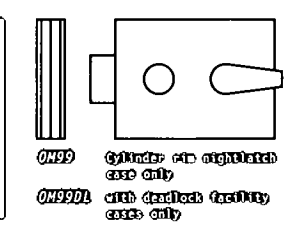
Cylinders

Finishes S.S.P., P.B.

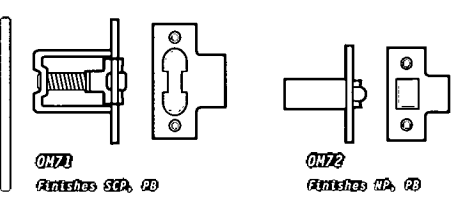


Cylinder Rim Nightlatch

Finish White Enamel only



Adjustable Roller Catches



Rebate Component Sets

- OM100-12 (Suits all locks & latches)
- OM100-25 (Suits all locks & latches)

Finishes

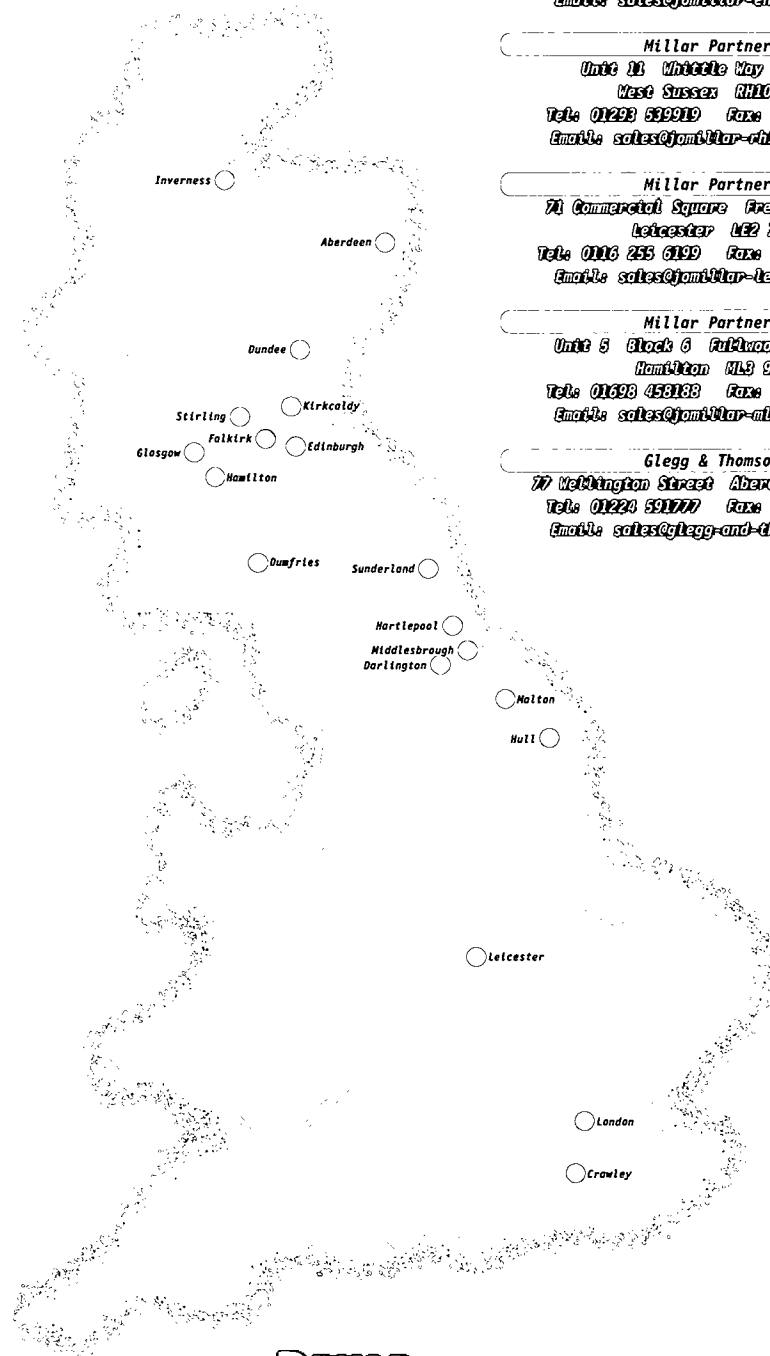
- P.B. Polished Brass
- S.C.P. Satin Chrome Plated
- N.P. Nickel Plate



THOMSON

Brothers Group

All of our depot network will handle enquiries for the Ancillary Hardware Collection but for architects who wish assistance with specification of the Ancillary Hardware Collection we have highlighted those locations where we have dedicated sales and technical personnel offering a full specification service.



DRYAD

Ancillary Hardware

COLLECTION

LOCATIONS OFFERING A FULL ARCHITECTURAL SPECIFICATION SERVICE

Millar Partners
555 South Street Glasgow G14 0QT
Tel: 0141 954 5051 Fax: 0141 954 7322
Email: sales@millarpartners.co.uk

Millar Partners
20 Hawthorn Avenue Hawthorn Ind. Est.
Edinburgh EH7 6SU
Tel: 0181 661 6060 Fax: 0181 661 6061
Email: sales@jombilliar-eh7.sol.co.uk

Millar Partners
Unit 11 Middle Way Crawley
West Sussex RH10 2BW
Tel: 01293 639919 Fax: 01293 538790
Email: sales@jombilliar-rh10.sol.co.uk

Millar Partners
71 Commercial Square Freemans Common
Leicester LE2 7SP
Tel: 0116 255 6199 Fax: 0116 255 6281
Email: sales@jombilliar-le2.sol.co.uk

Millar Partners
Unit 5 Block 6 Parkwood Ind. Est.
Hamilton ML3 9AZ
Tel: 01698 459188 Fax: 01698 459199
Email: sales@jombilliar-ml3.sol.co.uk

Glegg & Thomson
77 Wellington Street Aberdeen AB11 5BX
Tel: 01224 591777 Fax: 01224 591444
Email: sales@glegg-and-thomson.co.uk

Barclay & Company
52 Edinburgh Road Dumfries DG1 1JS
Tel: 01837 255660/255187 Fax: 01837 250978
Email: sales@barclay.co.demon.co.uk

Fyfe Douglas
110 Clapington Road Dundee DD8 7JU
Tel: 01382 458918 Fax: 01382 462967
Email: sales@fyfedouglas.co.uk

Fyfe Douglas
150 Harbour Road Inverness IV1 1SV
Tel: 01463 222600 Fax: 01463 226911
Email: sales@fyfedouglas-iv1.sol.co.uk

Kings
Units 3a-4a Maynall Road
Off Whessae Road Darlington
Co. Durham DL3 0XA
Tel: 01825 380808 Fax: 01825 381868

Kings
Newport Way Cannon Park Ind. Est.
Middlesbrough TS1 5UW
Tel: 01642 252265 Fax: 01642 258988

Kings
Cobblestone Park Foster Street
Stanesferry Road Hull HU8 8BT
Tel: 01482 589989 Fax: 01482 589444

Kings
Carmore Road Leeshmere Ind. Est.
Sunderland SR2 9UW
Tel: 0191 528 6778 Fax: 0191 528 6392

OTHER DEPOTS

Kings
Showfield Ind. Est. Malton YO17 0BT
Tel: 01653 690021 Fax: 01653 690060

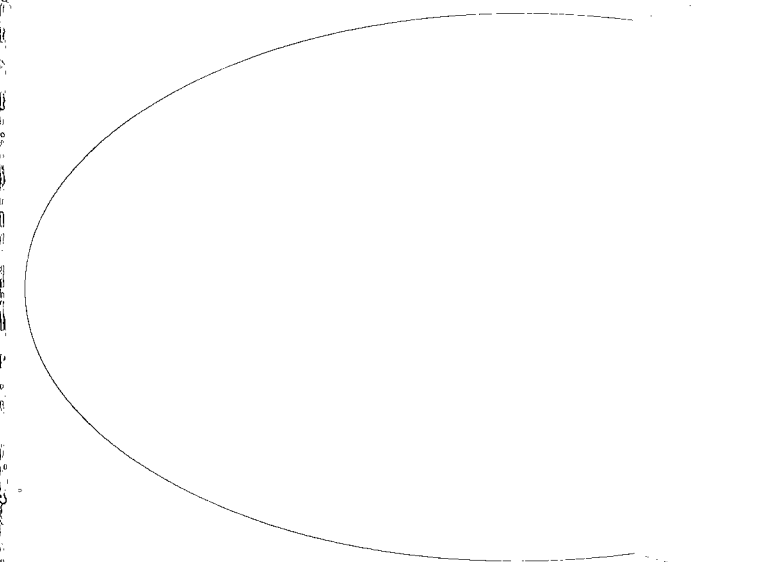
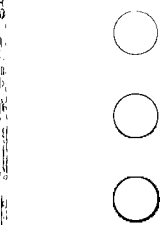
Kings
Ulswater Road Langthill Ind. Est.
Hartlepool TS25 1UE
Tel: 01429 868606 Fax: 01429 868899

Millar Partners
Unit 5 6 Munro Road
Springkese Ind. Est. Stirling FK7 7UU
Tel: 01786 462616 Fax: 01786 463422
Email: sales@jombilliar-fk7.sol.co.uk

Rosco Industrial Ltd
Skew Bridge Lawtaston
Folkeath FK2 9PA
Tel: 01824 611787 Fax: 01824 621975
Email: sales@roscoindustrial.co.uk

Thomson Brothers
5 Randolph Place Randolph Ind. Est.
Kirkcaldy KY1 2XX
Tel: 01592 650055 Fax: 01592 650228
Email: sales@thomsonbrothers.co.uk

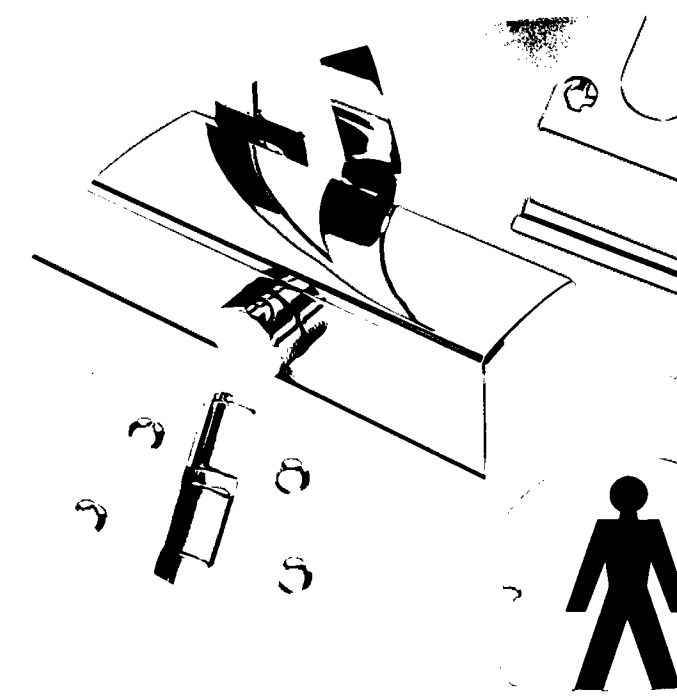
Trioplan Security
Premier House 5 Randolph Place
Kirkcaldy KY1 2XX
Tel: 01592 650141 Fax: 01592 651995
Email: sales@trioplan.co.uk



DRYAD

Ancillary Hardware

COLLECTION



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Maintenance

Mechanical Maintenance

Locks & Latches

The locks in this collection do not need any maintenance if fitted correctly. Dead and latch bolts can sometimes fail to engage in the strike plate which is usually due to movements of the door/frame or wear of the hinges. This can be rectified by adjusting the strike plate.

Cylinders

Cylinders should only be lubricated with graphite. If the operation of the cylinder appears to be jammed it is usually due to the deadbolt being too tight in the strike plate and this should be adjusted.

Door Controls

Door Controls require no maintenance but may need adjusting due to climatic changes and movement of the door or frame. Doors may also fail to close correctly due to wear of the hinges causing the door to drop. The LATCH ACTION should be adjusted to either prevent the door from slamming or to ensure the door overcomes the latch. The POWER on all of the door controls in this collection can be increased or decreased. If the door is not overcoming the seals and closing tightly into the frame the power will need increasing. If the door is very difficult to open the power can be reduced though care must be taken that the door closes correctly.

The closing speed adjustment on the door controls should only be adjusted to make the door close more quickly or slowly. If the door is not closing into the frame it is due to the power of the closer not the closing speed.

Some of the door controls have a delayed action or backcheck feature that can be adjusted. Electro magnetic door controls should be tested weekly.

Hinges

The high performance range of hinges require no maintenance but the others may require periodic lubrication. Hinges squeaking or working loose is usually a sign that they have been wrongly fitted with the pins out of line. Loose screws should be re-tightened and the hinges lubricated if they are squeaking but if the problem persists the hinges will need realigning.

Panic Hardware

These important exit devices will need to be inspected on a regular basis. The operation of the device should be tested to ensure the operation is smooth and efficient. If it is not working correctly it could be due to movement of the door or frame preventing the latches or bolts from locating correctly. If this is the case the device will need realigning. The floor socket may also need to be cleared out as this can prevent the bottom bolt from fully extending.

Lever & Pull Handles

These should require no maintenance if fitted correctly though the screws should be tightened if found to be loose.

Maintenance of Finishes

The build up of dirt and dust on door furniture can cause a breakdown of the high quality finish. This is more likely to occur in coastal or industrial areas and to prevent this the furniture should be cleaned as per the following instructions.

Polished Silver Anodised Aluminium

Anodised aluminium should be dusted regularly with a soft cloth and periodically washed with warm soapy water.

Stainless Steel

Grade 316 stainless steel is used on all of the products in this collection as it offers a greater resistance to corrosion. Both polished and satin finishes should be washed periodically with warm soapy water and dusted regularly.

Lacquered Brass

Though lacquered this finish should be washed periodically with warm soapy water and cleaned regularly using a wax polish. Abrasives or metal polish should never be used. The lacquer may eventually break down in which case all remaining lacquer should be removed and the furniture cleaned as unlacquered.

Unlacquered Brass

This finish should be polished weekly with a proprietary metal cleaner to maintain its polished appearance or alternatively left to gain a natural patina.

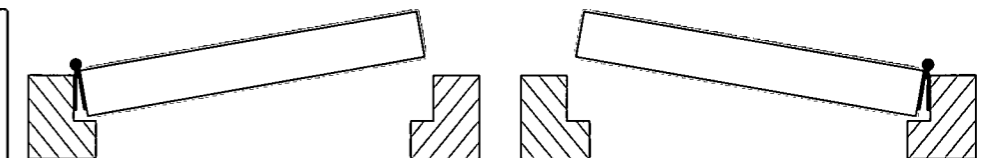
Simulated Stainless Steel & Brass

These plated finishes should be washed with warm soapy water using a soft cloth.

Silver Enamelled

This finish should be cleaned with a soft cloth.

Handing



single leaf, left hand
ISO 6 = clockwise closing

single leaf, right hand
ISO 6 = anti-clockwise closing

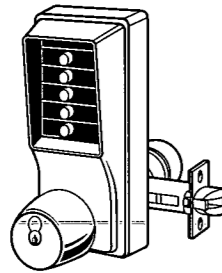
security locking & access controls

Security

Mechanical Digital Locks

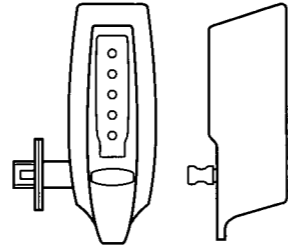
Finishes P.B., S.C.P.

1000 heavy duty mechanical digital lock with knob

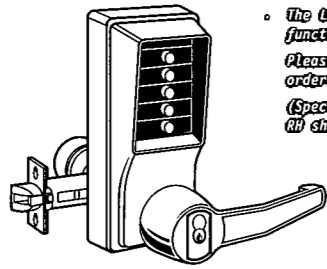


- 1000-1 • standard unit
- 1000-2 • key override
- 1000-3 • passage set option by turn
- 1000-4 • key override & passage set option by turn
- 1000-5 • passage set option by key
- 1000-6 • key override & passage set option by key

2000 medium duty mechanical digital lock



11000 mechanical digital lock with lever

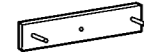


- The 11000 is available as the functions listed above.
- Please use the prefix 'L' when ordering - eg L1000-4.
- (Specify hand when ordering - RH shown)

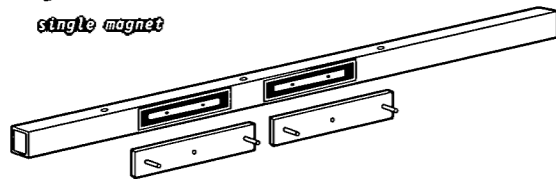
Finishes

- P.B. Polished Brass
- S.C.P. Satin Chrome Plated

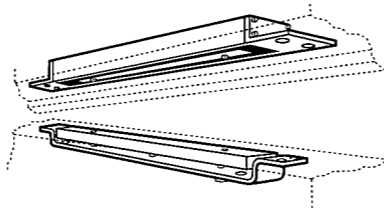
Electro Magnetic Door Locks



single magnet

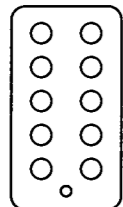


double magnet



shearlock

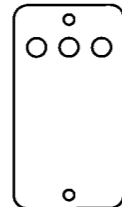
Access Controls



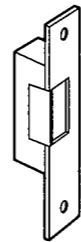
digital keypad



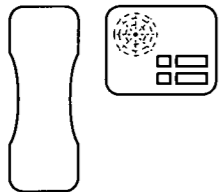
card reader



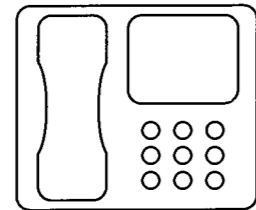
proximity reader



electric release

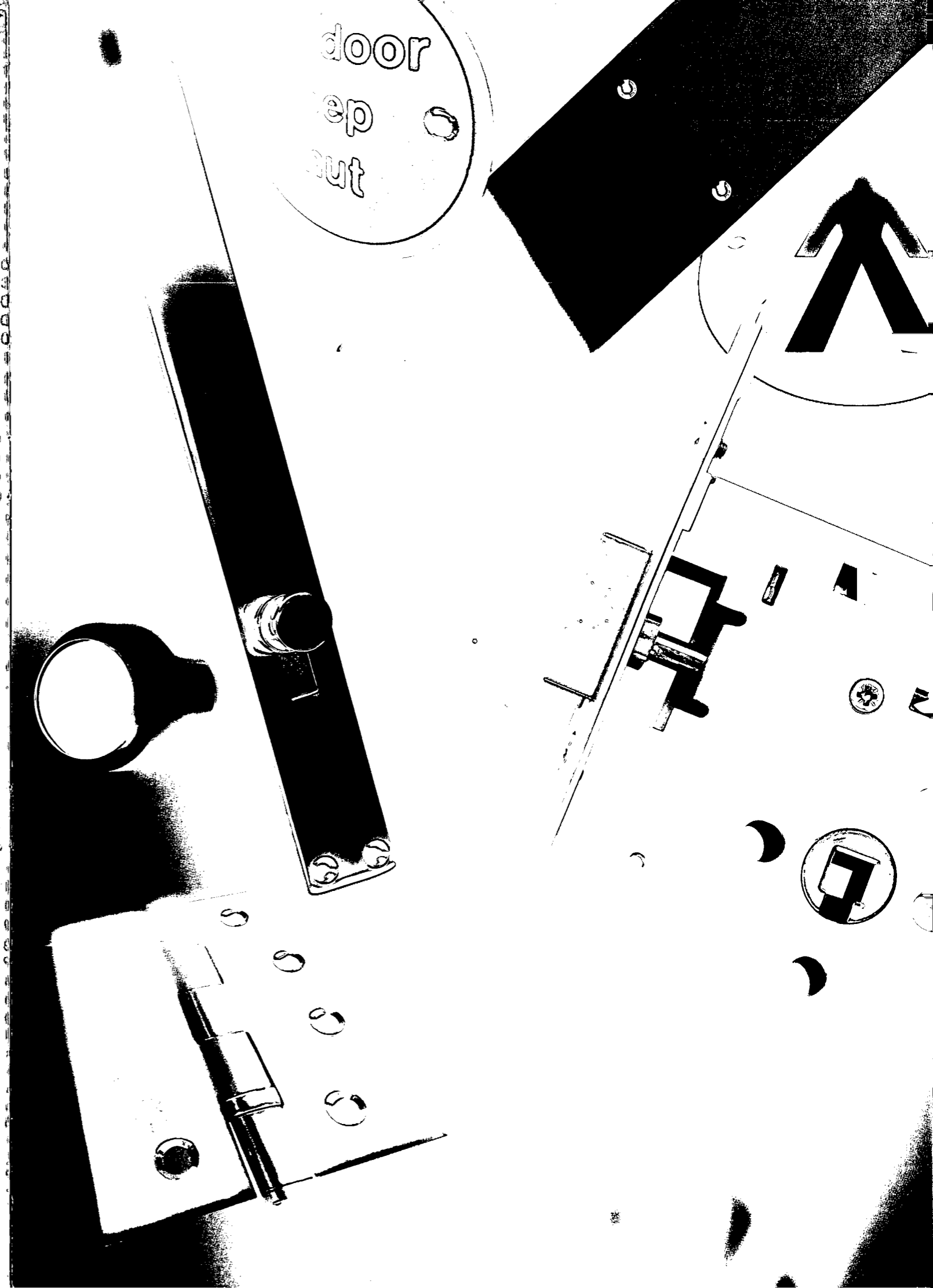


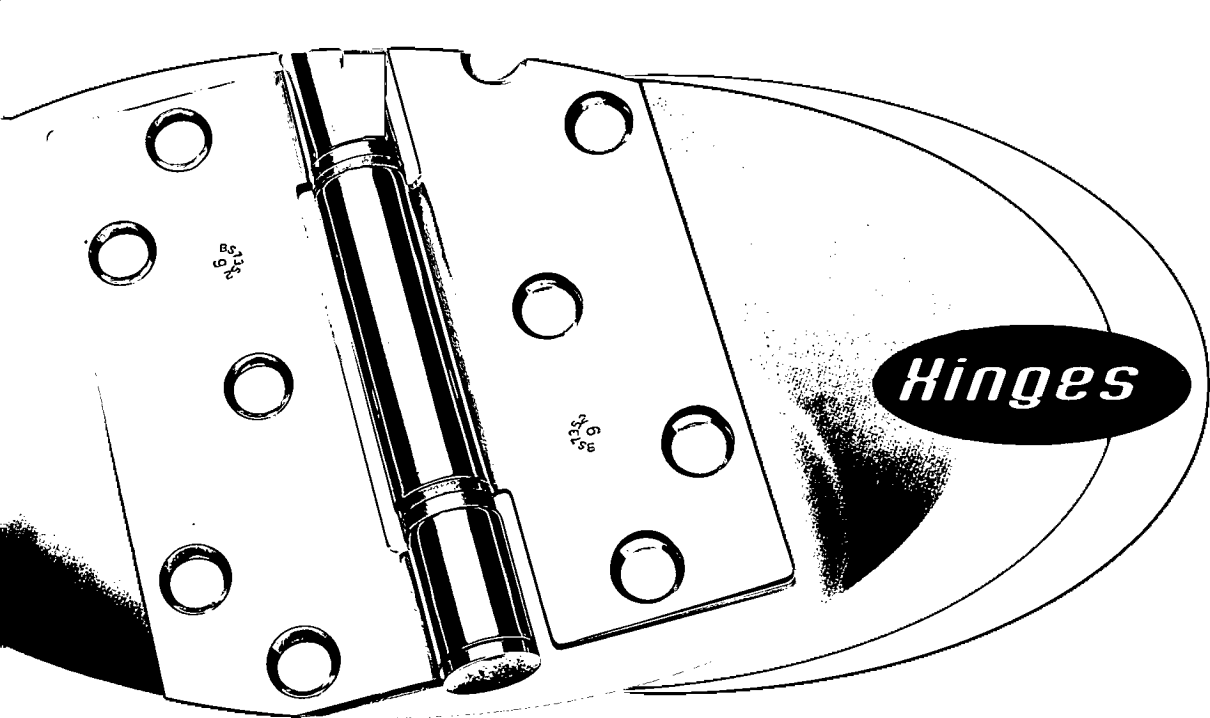
audio entry kit



video door entry kit

We carry large stocks of a wide range of electronic locking & access control systems. We offer technical advice, site surveys and installations if required. A comprehensive security brochure is available upon request.





Hinges

A range of high quality hinges available in solid stainless steel, solid brass and various plated finishes.

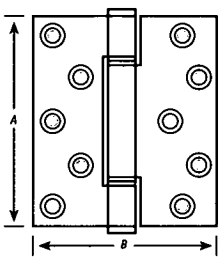
The three tables below - frequency of use, adjusted door weight and classification of hinges - will assist in the selection of the correct hinges.

Frequency of Use

Location	Cycles/day	Cycles/annum
Large department store entrance	9,000	1,500,000
Large office building entrance	4,000	920,000
Cinema or theatre entrance	1,300	458,000
School entrance	1,250	225,000
Entrance door to school toilets	1,250	225,000
City centre shop entrance	1,000	300,000
Large city bank entrance	1,000	250,000
School corridor fire door	600	108,000
Town bank entrance	500	125,000
City centre restaurant entrance	500	150,000
Large office corridor fire door	450	104,000
Town centre shop entrance	400	120,000
Large office or factory toilet entrance	400	92,000
Hospital ward door	350	128,000
School classroom door	80	15,000
Office door	75	18,000
Store toilet door	60	18,000
Overlooking front entrance	12	4,400
Overlooking rear or side entrance	15	5,400

High Performance Hinges

These high performance hinges incorporate a bearing system which is durable, reliable and maintenance free. Manufactured to the highest quality and performance tested, these hinges are guaranteed for 25 years provided they are specified correctly.



Ref.	A	B	Minimum Door Thickness	Maximum Door Weight	Class
4015-1	100mm	90mm	44mm	120kgs	9
4015-2	100mm	86mm	40mm	80kgs	8
4015-3	100mm	75mm	35mm	60kgs	7

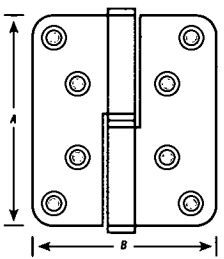
Radius corners - suffix "R"
Loose pin - suffix "LP"

Adjusted Door Weight Calculated Table

Actual Door Weight	Door Closer + 20%	Actual Door Weight	Door Closer (backcheck) + 100%	Actual Door Weight
100kg	120kg	100kg	200kg	200kg

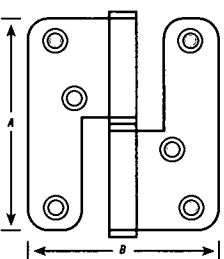
Classification of Hinges

Class	Maximum weight of door (kg)	Maximum annual number of operations (cycles)
1	10	5,000
2	20	5,000
3	20	25,000
4	40	25,000
5	40	200,000
6	40	500,000
7	60	500,000
8	80	200,000
9	120	200,000



Ref.	A	B	Minimum Door Thickness	Maximum Door Weight	Class
4017-1	85mm	75mm	35mm	60kgs	n/a
4017-2	100mm	88mm	44mm	80kgs	8

Specify hand when ordering see page 19



Ref.	A	B	Minimum Door Thickness	Maximum Door Weight	Class
4018-1	98mm	84mm	44mm	80kgs	8

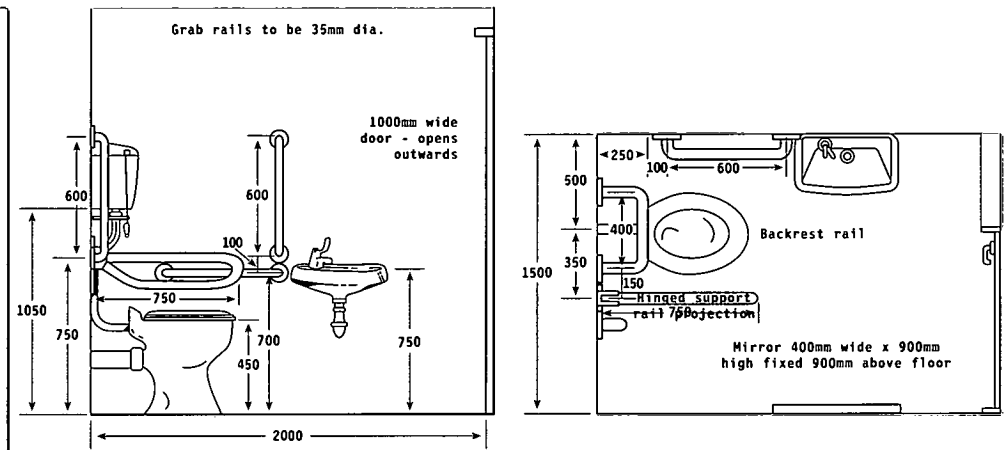
Specify hand when ordering see page 19

Support Systems

support systems and accessories for people with special needs

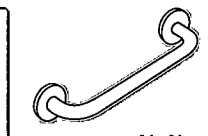
More comprehensive brochure available upon request

Typical Layout



Grab Handles

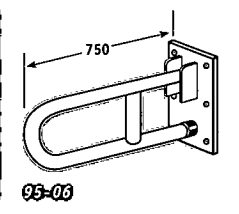
35mm dia.
Finishes PSS, WEG, EG, V



- 900mm c/c 95-01
- 750mm c/c 95-02
- 600mm c/c 95-03
- 450mm c/c 95-04
- 300mm c/c 95-05

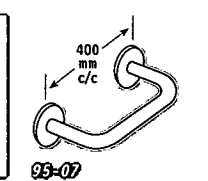
Hinged Arm Support

35mm dia.
wall fixing
Finishes PSS, WEG, EG, V



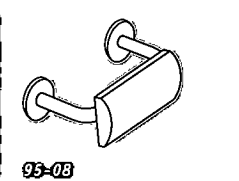
Backrest Rail

35mm dia.
For high cistern
Finishes PSS, WEG, EG, V



Backrest Rail

35mm dia.
With padded cushion
Finishes PSS, WEG, EG, V



Standard Pack

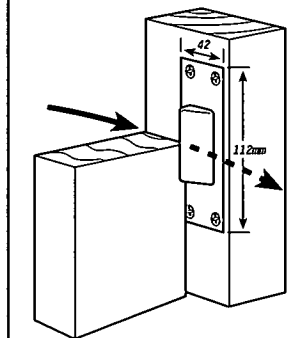
Finishes PSS, WEG, EG

The above items can be ordered individually or in a standard pack.

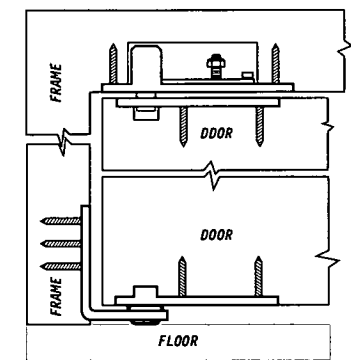
- 95-10 comprising
- 1 no 95-05 hinged arm support
- 3 no 95-03 600mm grab rails
- 1 no 95-07 backrest rail

Rescue Set

Designed to allow the door to be opened outwards should the occupant collapse, blocking the normal inward opening door movement. Seal or brush strip may be required for privacy to infill door and frame.



95-13 - Emergency door release



95-14 - Top & bottom pivots

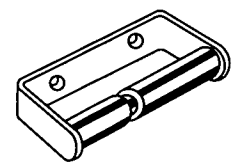
Finishes

- P.S.S. Polished Stainless Steel
- W.E.C. White Epoxy Coated
- E.C. Epoxy Coated to any R.S. or R.A.L. colour
- V. Nylon Colour Coated

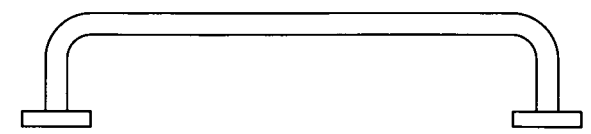
Ancillary Hardware

Bathroom Accessories

Finishes PSS, SSS, PB, PSAA



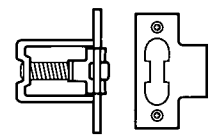
toilet roll holder
661



towel rail
662 500mm

Adjustable Roller Catch

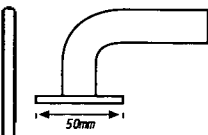
Finishes SCP, PB



664

Escape Lever Handle

Finishes PSS, SSS, PB, PSAA



665

Push Plates

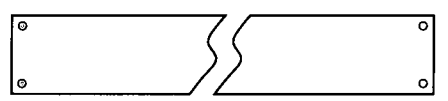
Finishes PSS, SSS, PB, PSAA

Y available on 674 only
Textured finish only available in PB, PSS
Any size available on request
Engraving available on request

size	280x80	280x80	330x80	330x80	size	330x80	330x80	330x80
thickness	1.5mm	1.5mm	1.5mm	1.5mm	thickness	1.5mm	1.5mm	1.5mm
	671	671T	672	672T		672TD disabled	672TF female	672TM male
	673	673T	674	674T				
size	280x80	280x80	330x80	330x80	size	330x80	330x80	330x80
thickness	1.5mm	1.5mm	1.5mm	1.5mm	thickness	1.5mm	1.5mm	1.5mm
	675	675T	676	676T		676TD disabled	676TF female	676TM male
	677	677T	678	678T				

Kick Plates

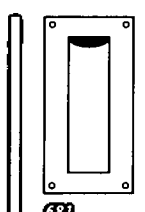
Finishes PSS, SSS, PB, PSAA, Y



size any size available
thickness 1.2mm, 1.5mm, 2mm
679-1 not available to PSAA
679-2
679-3

Flush Pulls

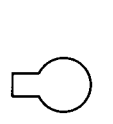
Finishes PSAA, PCP, SCP, PB



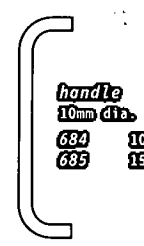
681

Cabinet Accessories

Finishes PSS, SSS, PB, PSAA



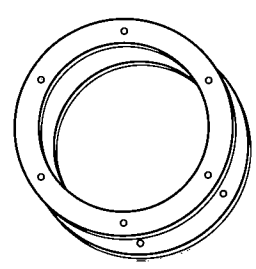
knob 25mm dia.
683



handle 10mm dia.
684 100mm
685 150mm

Port Hole

250mm dia. o/a
196mm inner dia.
Glass not supplied
Other sizes available to order
Finishes PSS, SSS

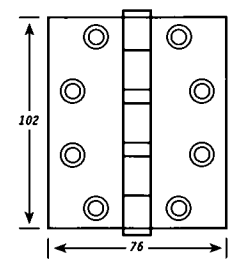


692 Suitable for non fire doors
693 Suitable for fire doors

Finishes

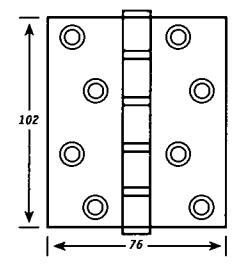
P.S.S.	Polished Stainless Steel	P.S.A.A.	Polished Silver Anodised Aluminium
S.S.S.	Satin Stainless Steel	S.C.P.	Satin Chrome Plated
P.B.	Polished Brass	Y.	Nylon Colour Coated

Miscellaneous Hinges



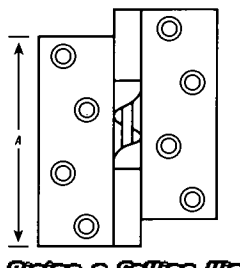
Ball Bearing Hinges

Ref. 4041-1
PSS, SSS, BZP - Class 8
PB - Unclassified



Washer Hinges

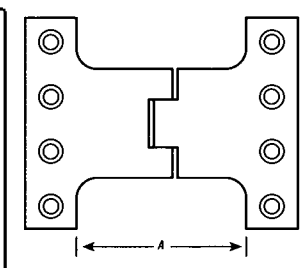
Ref. 4040-1
PSS, SSS, PB, PCP, SCP



Rising & Falling Hinges

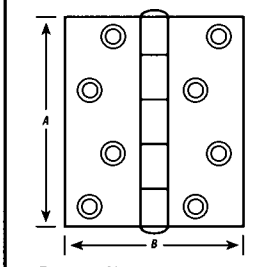
	Ref.	A
Rising	4026-1	76mm
Rising	4026-2	102mm
Falling	4026-3	76mm
Falling	4026-4	102mm

PB, PCP, SCP, BZP, PSAA
Specify hand when ordering see page 19



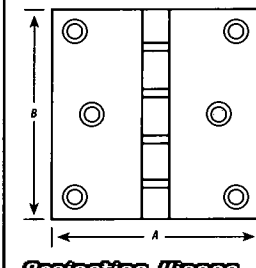
Parliament Hinges

Ref. A
4006-1 76mm
4006-2 102mm
PB, PCP, SCP - Class 7
BZP - Unclassified



Plain Hinges

Ref.	A	B	Class
4002-1	76mm	63mm	3
4002-2	102mm	74mm	5



Projection Hinges

Ref.	A	B	Class
4032-1	76mm	76mm	4
4032-2	102mm	102mm	6
4032-3	127mm	102mm	8

PB, PCP, SCP
BZP - Unclassified
Ref. A B Class
4032-4 102mm 102mm 8
PSS, SSS

Finishes

P.S.S.	Polished Stainless Steel	B.Z.P.	Bright Zinc Plated
S.S.S.	Satin Stainless Steel	S.Z.P.	Satin Zinc Plated
P.B.	Polished Brass	S.S.S.S.	Simulated Satin Stainless Steel
S.C.P.	Satin Chrome Plated	S.P.B.	Simulated Polished Brass
P.C.P.	Polished Chrome Plated	P.S.A.A.	Polished Silver Anodised Aluminium
Y.	Nylon Colour Coated		

Locks & Latches

71 series

Finishes PSS, SSS, PB

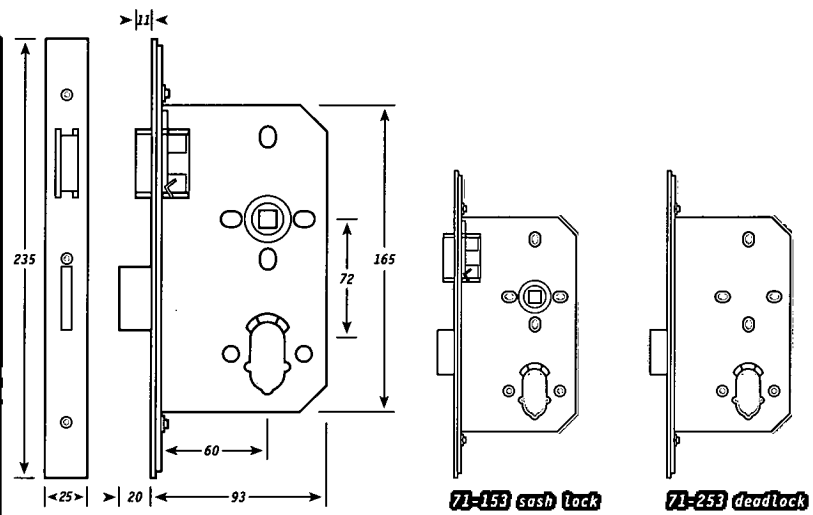
The 71 series heavy duty range of locks & latches are precision engineered and manufactured to the highest standards.

- Dual profile suitable for Euro and Oval cylinders.
- Follower grip - Self adjusting follower is engineered to tightly grip the lever handle spindle.
- Heavy duty springing with short travel follower suitable for use with unsprung door furniture.

Rebate Component Sets

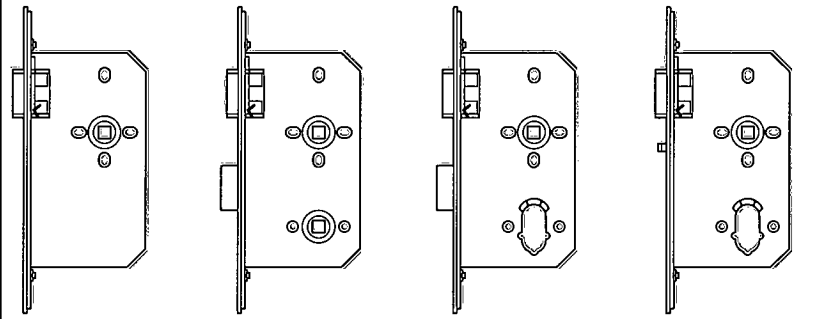
	12mm	25mm
Sashlock	71-S12	71-S25
Deadlock	71-D12	71-D25
Latch	71-L12	71-L25
Escape Lock	71-S12	71-S25
Night latch	71-L12	71-L25

For radiused forend locks = suffix 'RF'



71-153 sash lock

71-253 deadlock



71-453 latch

71-553 bathroom lock

71-653 escape lock specify hand see page 19

71-753 night latch

72 series

Finishes SSS

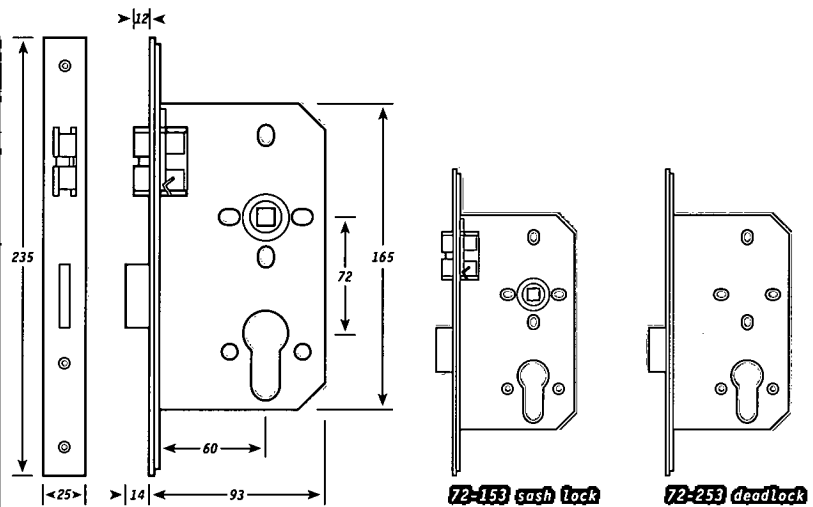
The 72 series heavy duty range of locks & latches are precision engineered and manufactured to the highest standards.

- Suitable for Euro profile cylinders.
- Heavy duty springing with short travel follower suitable for use with unsprung door furniture.
- Triple action latch bolt - to assist with latching and provide less noise in operation.
- Clamp follower - constructed to expel all play between follower and lever handle, this 'vice type' follower clamps the spindle after insertion.

Rebate Component Sets

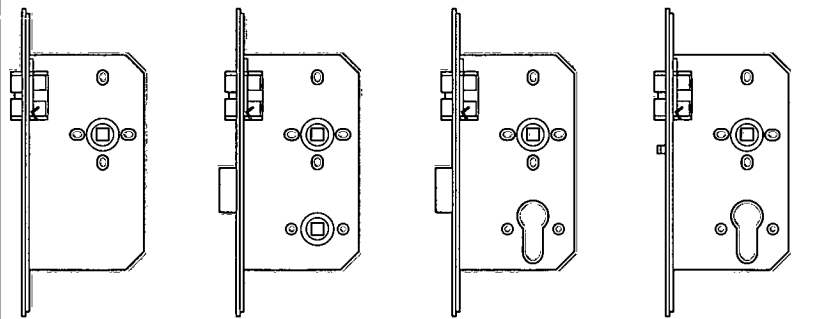
	12mm	25mm
Sashlock	72-S12	72-S25
Deadlock	72-D12	72-D25
Latch	72-L12	72-L25
Escape Lock	72-S12	72-S25
Night latch	72-L12	72-L25

For radiused forend locks = suffix 'RF'



72-153 sash lock

72-253 deadlock



72-353 latch

72-553 bathroom lock

72-653 escape lock

72-753 night latch

Specify hand for 72 series locks when ordering - see page 19

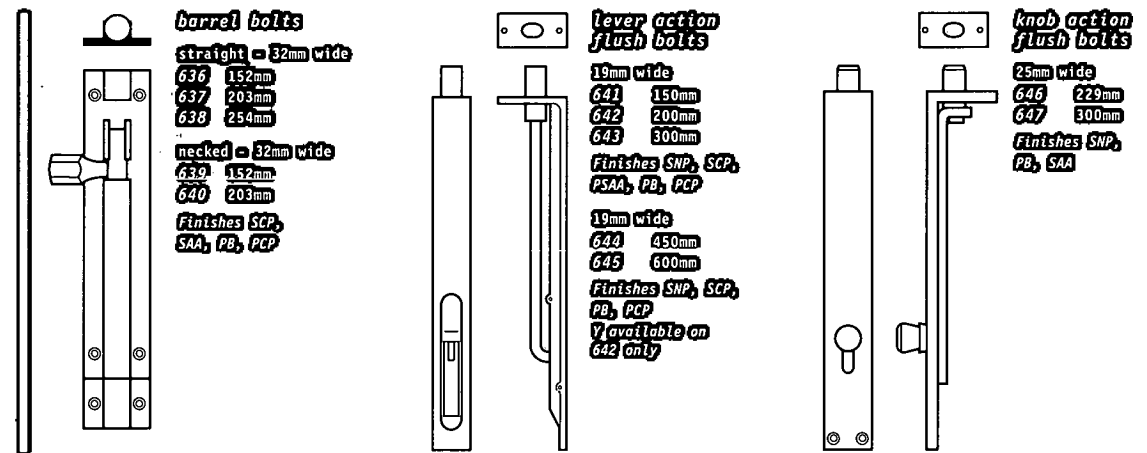
Ancillary Hardware

Door Stops

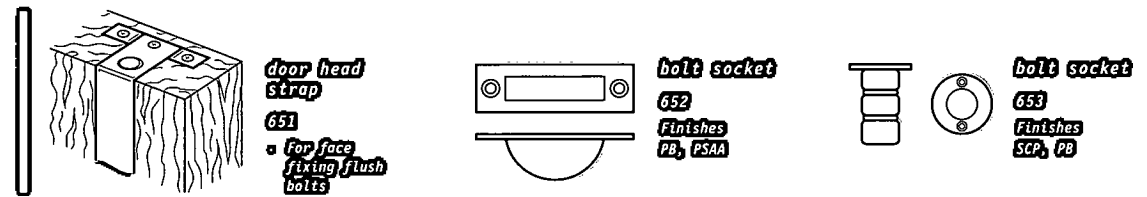
Finishes PSS, SSS, PB, PSAA
V available on 631 & 633 only



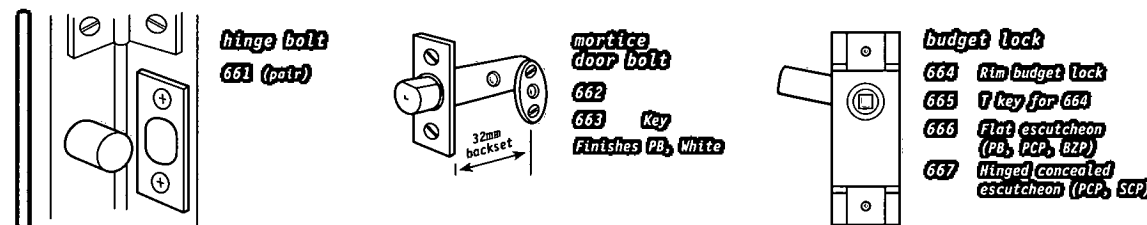
Bolts



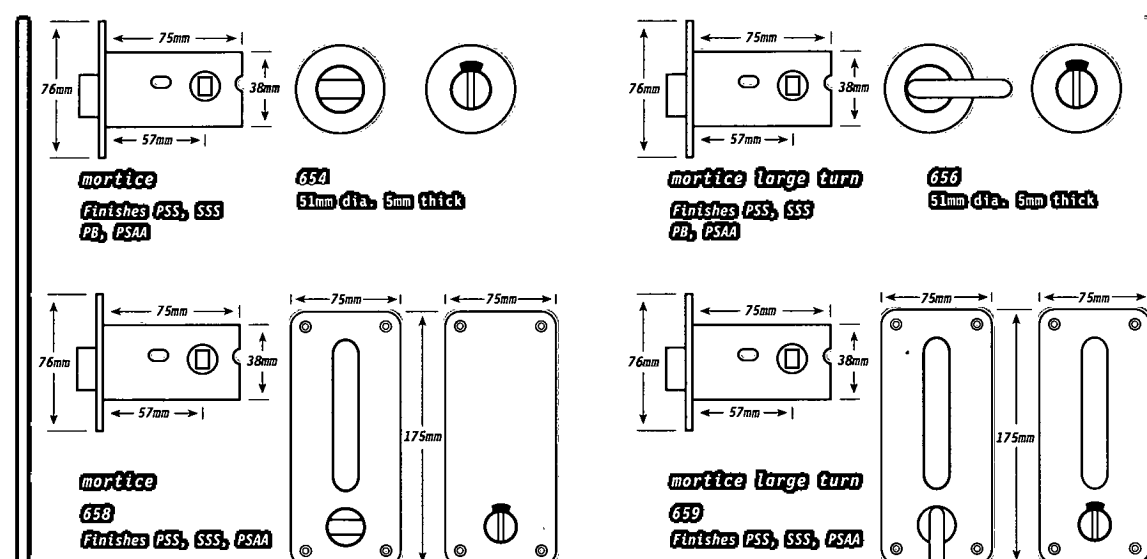
Bolt Accessories



Ancillary Bolts



Indicator Bolts



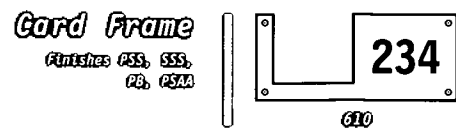
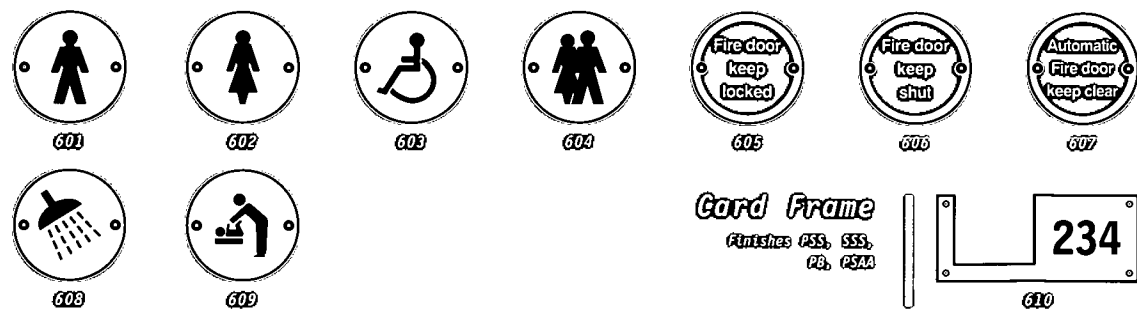
Finishes

P.S.S.	Polished Stainless Steel	P.B.	Polished Brass	S.A.A.	Silver Anodised Aluminium
S.S.S.	Satin Stainless Steel	S.C.P.	Satin Chrome Plated	S.N.P.	Satin Nickel Plated
P.S.A.A.	Polished Silver Anodised Aluminium	P.C.P.	Polished Chrome Plated	V.	Nylon Colour Coated
B.Z.P.	Bright Zinc Plated				

Ancillary Hardware

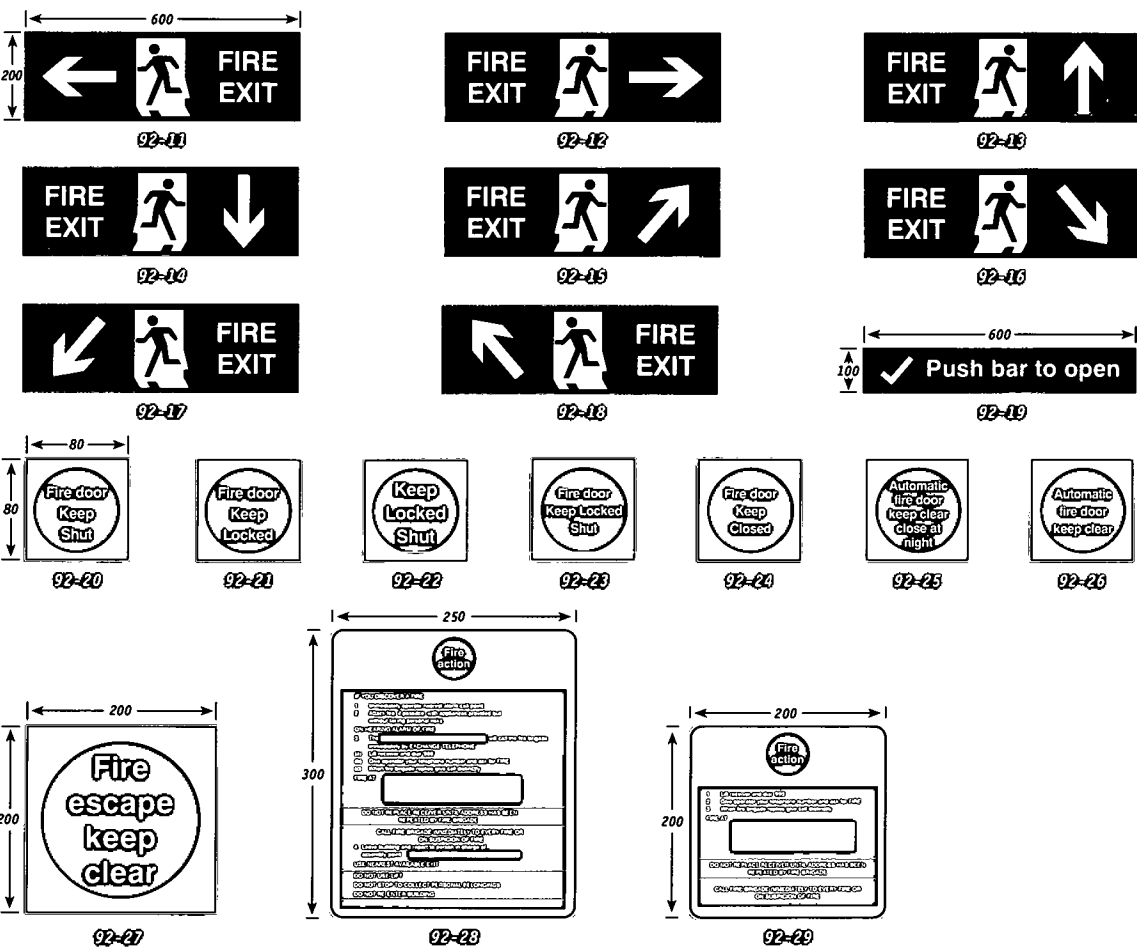
Door Signs

75mm Dia.
Finishes PSS, SSS, PB, PSAA, V
Other signs available to order



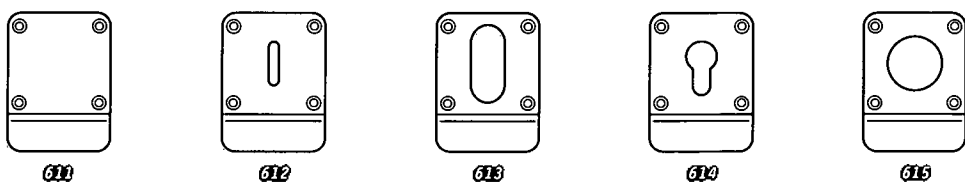
Fire Signs

Profile:
"A" for Aluminium
"P" for Rigid Plastic
"V" for Self Adhesive Vinyl
eg. 7892-16



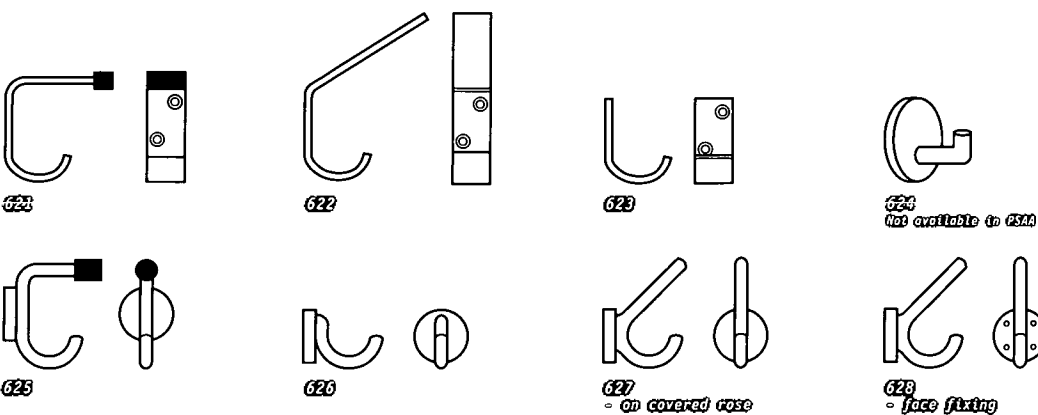
Cylinder Pulls

Finishes PSS, SSS, PB, PSAA, V



Hot & Cool Hooks

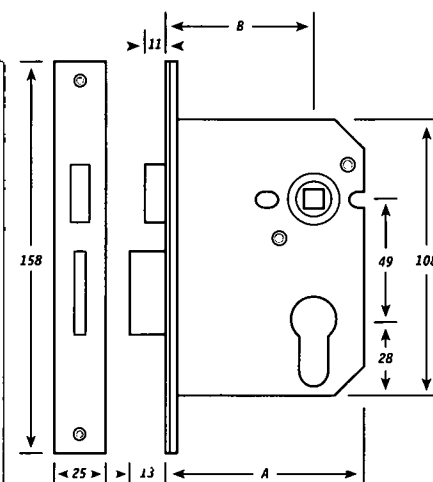
Finishes PSS, SSS, PB, PSAA



78 series

Finishes PSS, SSS, PB

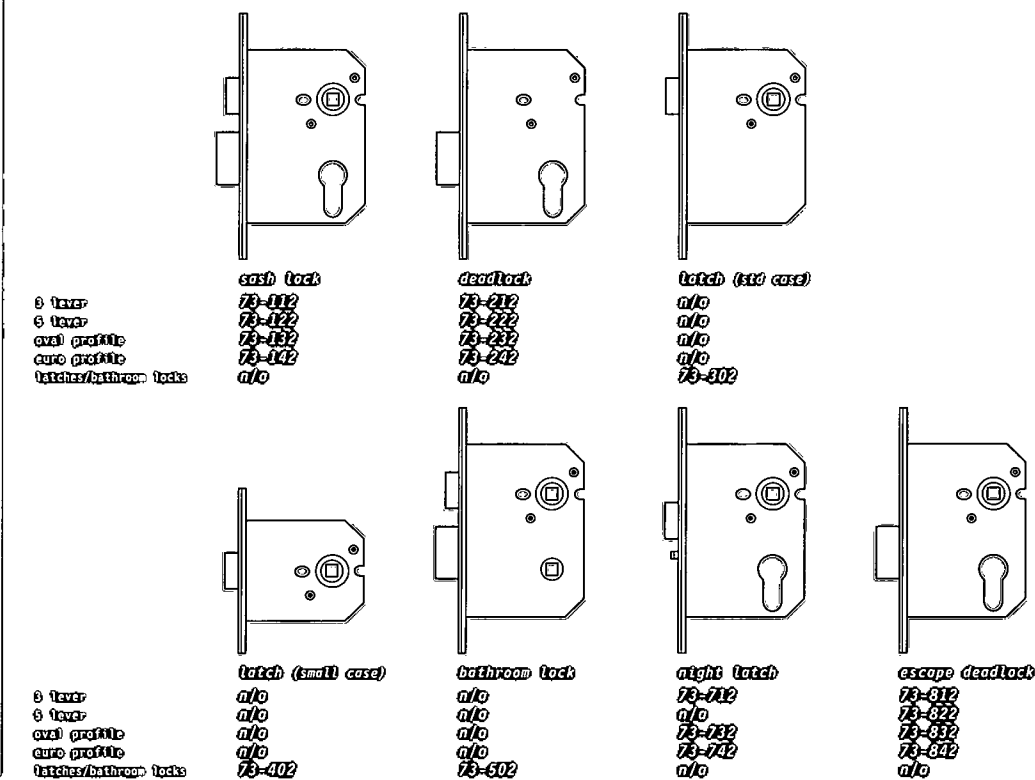
- Available in four types - 3 lever, 5 lever, Euro Profile and Oval Profile.
- Heavy duty springing - suitable for use with unsprung door furniture.



Dimensions

A	B
Lockcase	Backset
63mm	45mm
76mm	57mm
102mm	82mm

Size - 76mm as standard.
Also available 63mm and 102mm.
When specifying change the last digit to a 1 for 63mm and a 4 for 102mm.
eg. 102mm = 78-114



Rebate Component Sets

	12mm	25mm
Sashlock	78-512	78-525
Deadlock	78-012	78-025
Latch (std case)	78-112	78-125
Latch (small case)	78-5112	78-5125
Nightlatch	78-112	78-125
Escape Deadlock	78-012	78-025

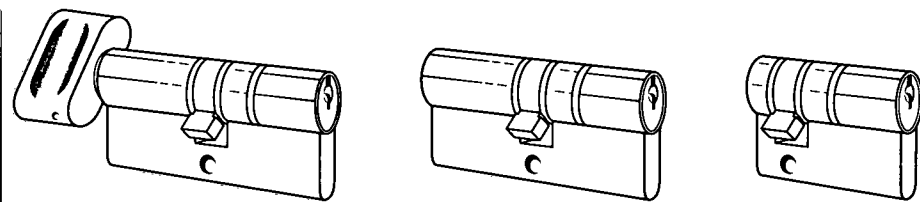
Cylinders

Finishes PB, SNP, SCP, PCP

Cylinders & Turns or Double Cylinders available as standard 60mm or 70mm.

Single cylinders available as standard 40mm or 45mm.

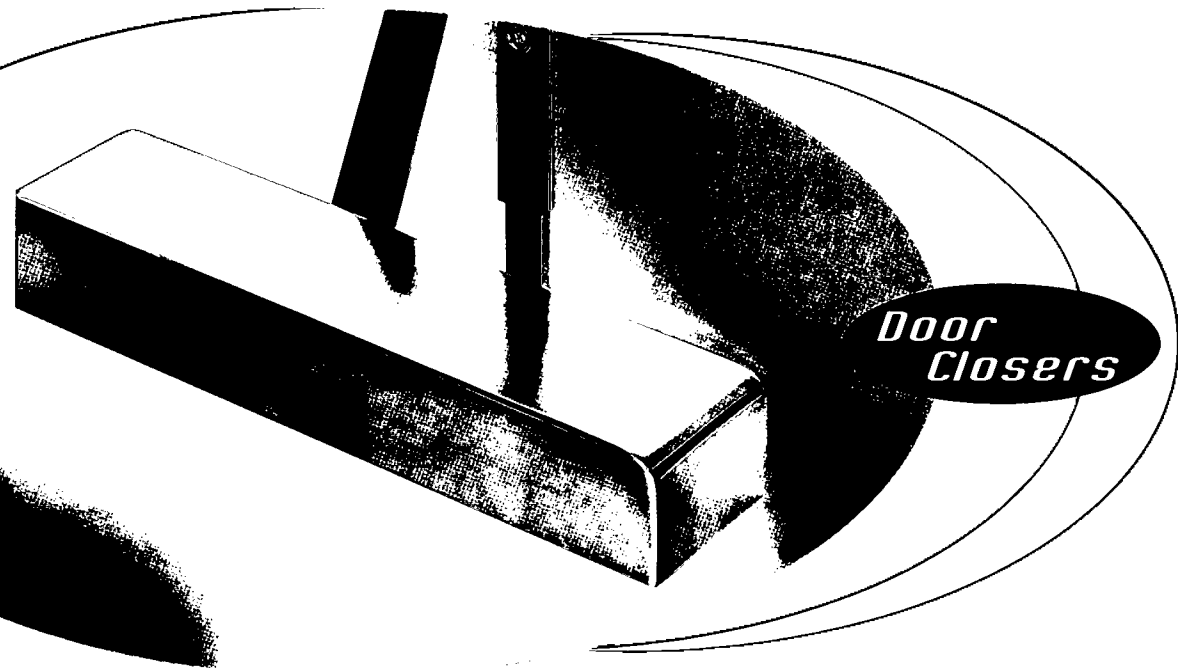
- Available standard differ or master keyed.
- 5 Pin Standard System or High Security Patented System.



	oval	euro		oval	euro		oval	euro
Standard System	617	627	Standard System	610	620	Standard System	615	625
High Security Patented System	717	727	High Security Patented System	710	720	High Security Patented System	715	725

Finishes

P.S.S.	Polished Stainless Steel	S.C.P.	Satin Chrome Plated
S.S.S.	Satin Stainless Steel	P.C.P.	Polished Chrome Plated
P.B.	Polished Brass	S.N.P.	Satin Nickel Plated

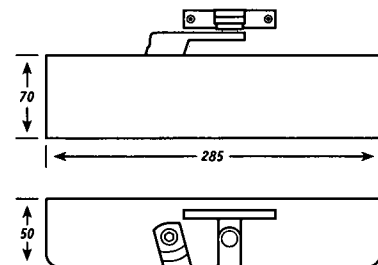


81 series

Finishes SS, SSS, PB

The 81 series heavy duty range of door closers have an elegant cover to complement the Contour range of door furniture.

- Precision engineered.
- Backcheck, variable power, adjustable power and delayed action options available.
- Arms finished to match cover.

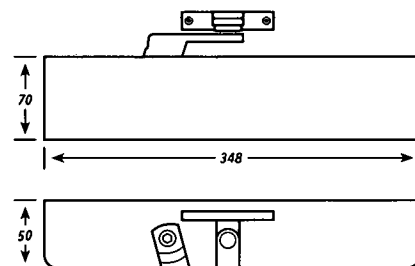


81-01

- Variable Power 2/4
- Adjustable closing speed
- Suitable for interior doors up to 1100mm (Fig 1), 950mm (Fig 6)
- BS EN1154 1996
- Fig 1 or 61 as standard
- Suffix 'P' for Push Side mounting
- Suffix 'DA' for Delayed Action
- Suffix 'BC' for Backcheck

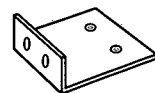
81-02

- Adjustable Power 2/4
- Adjustable closing speed & latch action
- Suitable for interior doors up to 1100mm (Fig 1), 950mm (Fig 6)
- Self adjusting backcheck
- Fig 1 or 61 as standard
- Suffix 'P' for Push Side mounting
- BS EN1154 1996

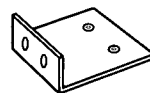


81-03

- Adjustable Power 2/4
- Adjustable closing speed & latch action
- Suitable for doors up to 1400mm (Fig 1), 1200mm (Fig 6)
- Self adjusting backcheck
- Adjustable delayed action (can be deactivated)
- Fig 1 or 61 as standard
- Suffix 'P' for Push Side mounting
- BS EN1154 1996



81-04
Figure 1
Softset Bracket



81-05
Figure 6
Softset Bracket

HOLD OPEN - for closers with hold open armset suffix 'HO' (not suitable for fire doors)

Finishes

- | | | | |
|--------|--------------------------|------|----------------|
| P.S.S. | Polished Stainless Steel | P.B. | Polished Brass |
| S.S.S. | Satin Stainless Steel | | |

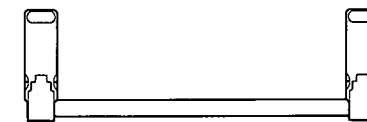
92 series



92-01

- Single panic latch for doors up to 1220mm wide
- BS EN1125

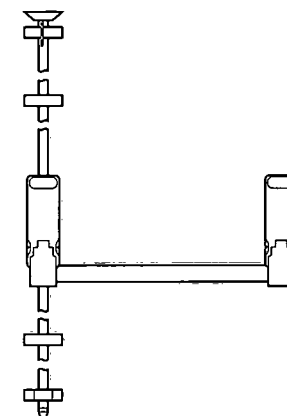
Finishes SPSS, SSSS, SPB, SE, GE, V



92-02

- Single spindle drive panic latch for doors up to 1220mm wide
- Use with 70-759 night latch

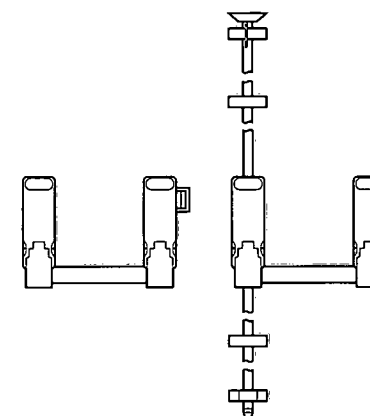
Finishes SPSS, SSSS, SPB, SE, GE



92-03

- Single panic bolt for doors up to 2440mm high & 1220mm wide
- BS EN1125

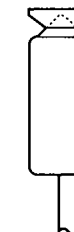
Finishes SPSS, SSSS, SPB, SE, GE, V



92-04A

- Double panic bolt for rebated doors up to 2440mm high & 1830mm wide
- BS EN1125

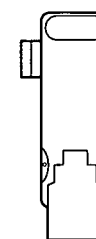
Finishes SPSS, SSSS, SPB, SE, GE, V



92-05

- Pullman catch for use with the 92-03 and 92-04A panic bolts

Finishes SPSS, SSSS, SPB, SE, GE



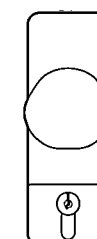
92-06

- Push Pad panic latch

92-06A

- Spindle Drive panic latch as above but for use with 70-759 night latch
- BS EN1129

Finishes SPSS, SSSS, SPB, SE, GE, V



outside access device

92-07

- Standard key

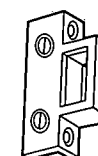
92-08

- Euro profile cylinder

92-09

- Oval cylinder

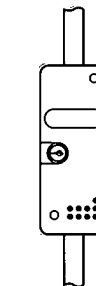
Finishes SE, GE



92-10

- For use with the 92-03 and 92-01 panic latches

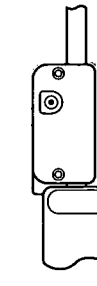
Finishes SPSS, SSSS, SPB, SE, GE, V



exit alarm

92-30

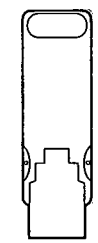
Finishes SPSS, SSSS, SPB, SE, GE



dogging device

92-31

Finishes SPSS, SSSS, SPB, SE, GE

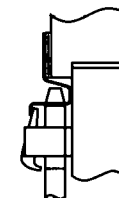


slave unit with micro switch

92-32

Finishes SPSS, SSSS, SPB, SE, GE

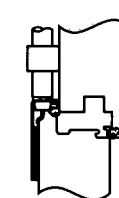
Keep Options



top trip

92-33

- For upvc doors & frames



bottom keep

92-34

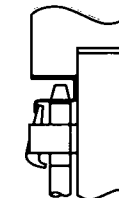
- For upvc doors & frames



low threshold bottom keep

92-35

- For steel upvc or timber frames



top trip

92-36

- For steel upvc or timber frames



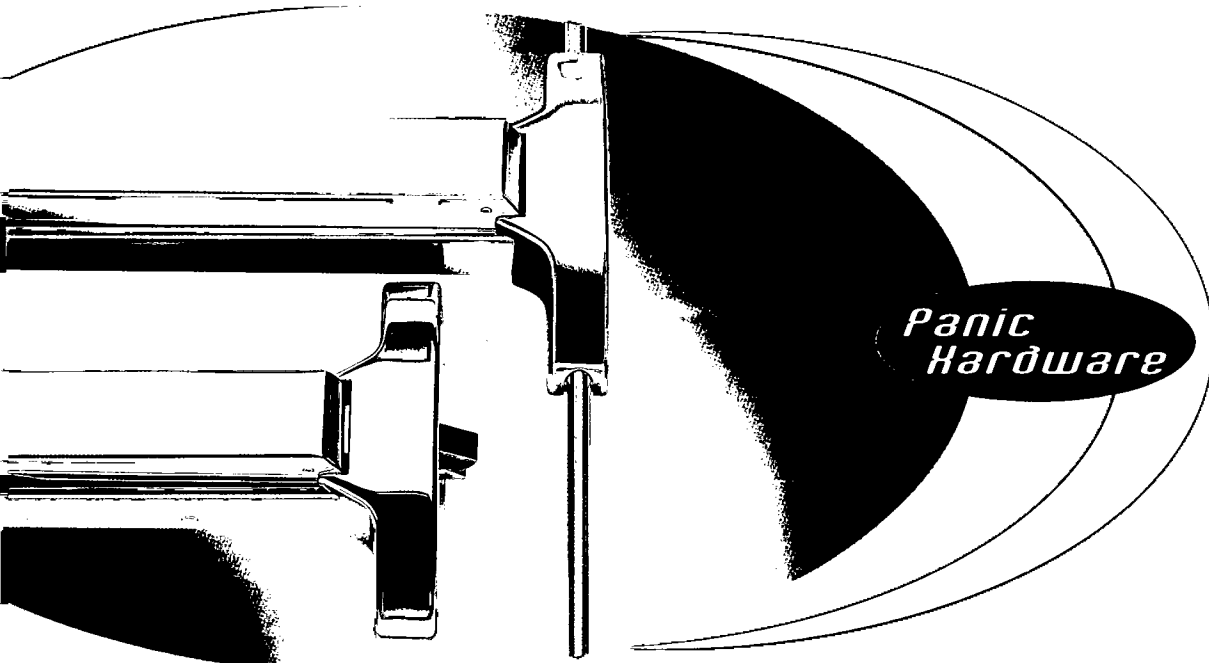
top trip

92-37

- For flush door & frames

Finishes

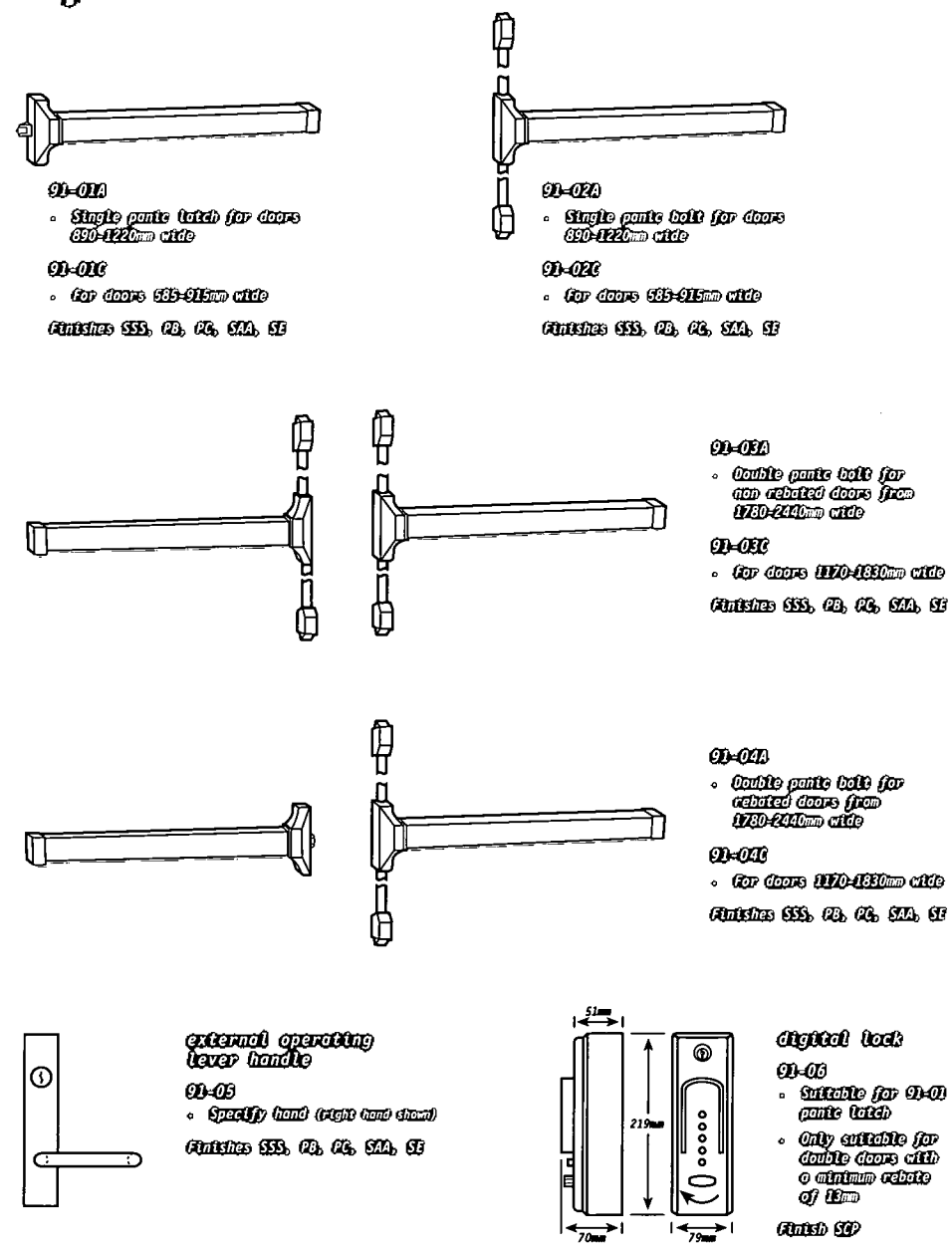
- | | | | |
|----------|------------------------------------|------|---------------|
| S.P.S.S. | Simulated Polished Stainless Steel | S.E. | Silver Enamel |
| S.S.S.S. | Simulated Satin Stainless Steel | G.E. | Gold Enamel |
| S.P.B. | Simulated Polished Brass | V. | Colour Coated |



91 series

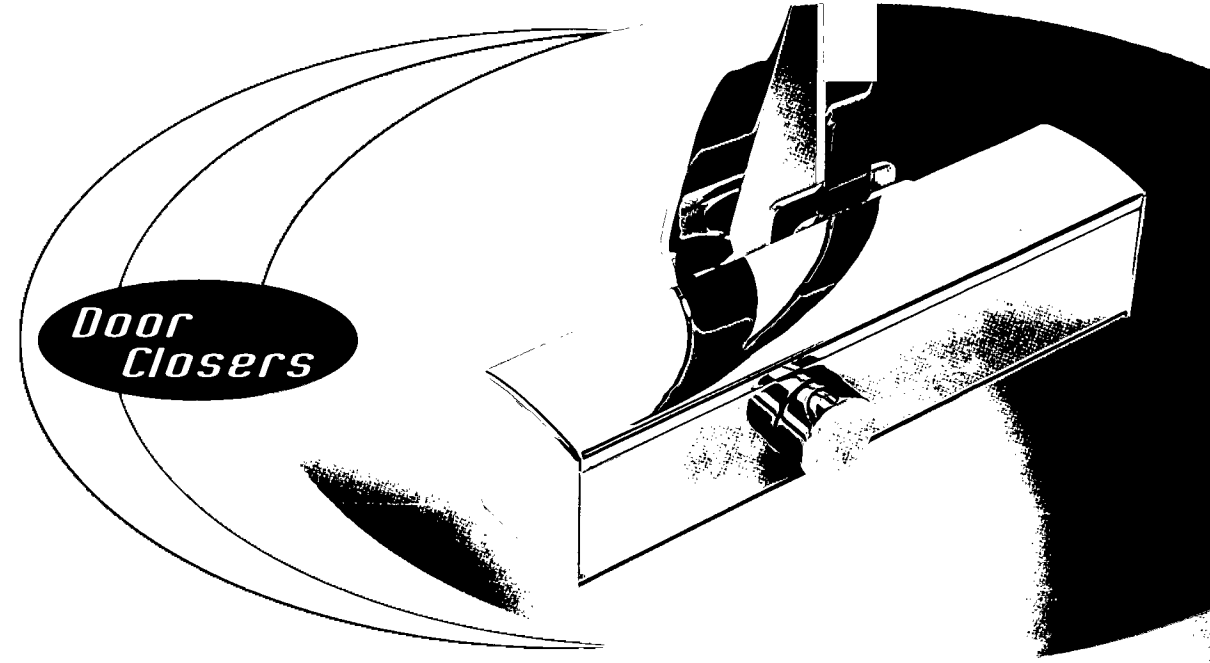
A heavy duty range of touch bar panic devices with Pullman latches designed to suit virtually all egress control requirements.

- Precision engineered.
- Smooth action.
- Elegant in appearance.
- Conform to BS EN1125.



Finishes

S.S.S. Satin Stainless Steel	S.A.A. Silver Anodised Aluminium
P.B. Polished Brass	S.E. Silver Enamel (Black end caps)
P.C.P. Polished Chrome Plated	S.C.P. Satin Chrome Plated

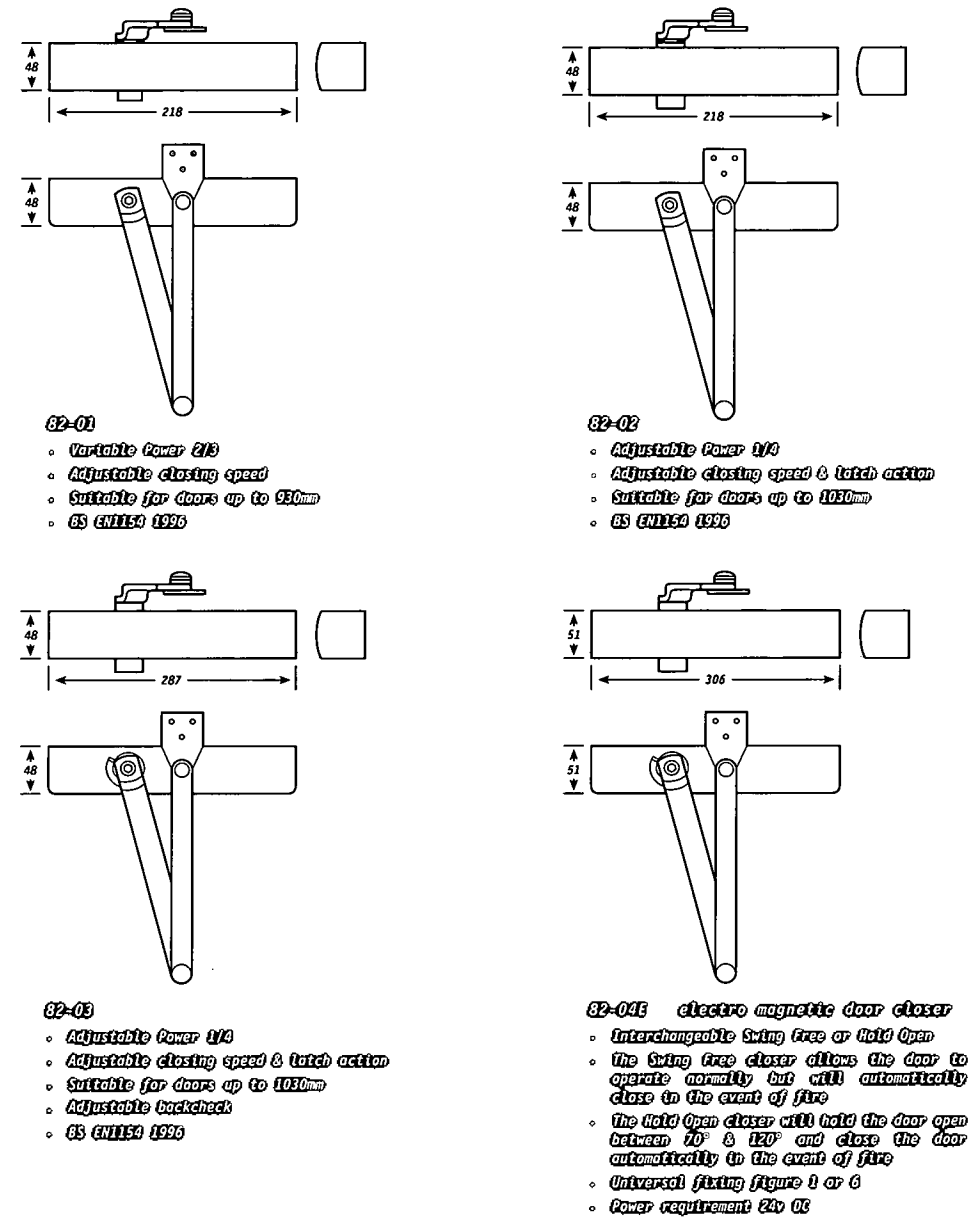


82 series

Finishes PSS, SSS, PB, PSAA, V

The 82 series heavy duty range of door closers are manufactured and finished to a high standard.

- Precision engineered.
- Backcheck, variable power, adjustable power and delayed action options available.
- Universal application (fig 1, 61, 66).
- Arms finished to match cover.
- Fig 1 soffit bracket supplied as standard.



Finishes

P.S.S. Polished Stainless Steel	P.B. Polished Brass	V. Colour Coated
S.S.S. Satin Stainless Steel	P.S.A.A. Polished Silver Anodised Aluminium	

DELAYED ACTION - for closers with delayed action suffix 'DA'
HOLD OPEN - for closers with hold open suffix 'HO' (not suitable for fire doors)

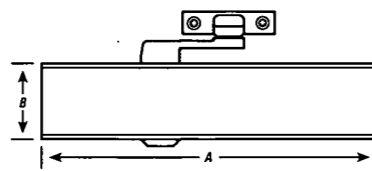
Door Closers

83 series

Finishes SE, GE

The 83 series comprises a range of rack and pinion heavy duty door closers.

- Backcheck, variable power, adjustable power, delayed action, hold open and electro magnetic hold open options available.



Ref.	A	B
83-01	220mm	68mm
83-02	233mm	60mm
83-03	293mm	60mm
83-04	320mm	60mm
83-05	328mm	60mm

83-01

- Variable Power 2/4
- Adjustable closing speed & latch action
- Suitable for doors up to 1100mm
- BS EN1154 1996: Classification 4.8.4/2.1.1.5.
- Suffix 'DA' for Delayed Action
- Suffix 'BC' for Backcheck

83-02

- Adjustable Power 2/4
- Adjustable closing speed & latch action
- Suitable for doors up to 1100mm (fig 1), 950mm (fig 6)
- Self adjusting backcheck
- BS EN1154 1996: Classification 4.8.4/2.1.1.5.

83-03

- Adjustable Power 2/6
- Adjustable closing speed & latch action
- Suitable for doors up to 1400mm (fig 1), 1200mm (fig 6)
- Self adjusting backcheck
- Adjustable delayed action (can be deactivated)
- BS EN1154 1996: Classification 4.8.6/2.1.1.3.

83-04

- Power sizes 2/3/4 available (please specify)
- Adjustable closing speed & latch action
- Electro magnetic hold open
- BS EN1154 1996: Classification 4.8.4/2.1.1.5.

83-05

- As 83-04 but with Electro Magnetic free swing armset

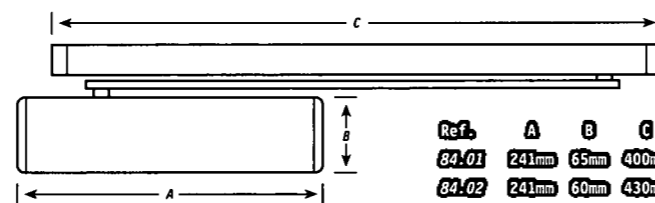
HOLD OPEN = for closers with hold open armset suffix 'HO' (not suitable for fire doors)

84 series

Finishes SSS, PCP, PB, SE

The 84 series comprises a range of guide rail cam action door closers.

- Backcheck, variable power, delayed action, hold open and electro magnetic hold open options available.
- The unique cam action of this heavy duty door closer ensures that the opening force is greatly decreased.



Ref.	A	B	C
84-01	241mm	65mm	400mm
84-02	241mm	60mm	430mm
84-03	285mm	71mm	430mm

84-01

- Fixed Power Size 4
- Adjustable closing speed & latch action
- Suitable for doors up to 1100mm
- BS EN1154 1996: Classification 3.8.4/1.1.1.5.

84-02

- Variable Power 3/6
- Adjustable closing speed & latch action
- Suitable for doors up to 1400mm
- Adjustable backcheck
- Optional delayed action (specify 84-03DA)
- BS EN1154 1996: Classification 4.8.6/2.1.1.5.

84-03

- Variable Power 2/4
- Adjustable closing speed & latch action
- Suitable for doors up to 1250mm
- BS EN1154 1996: Classification 3.8.4/2.1.1.5.

Electro Magnetic Hold Open

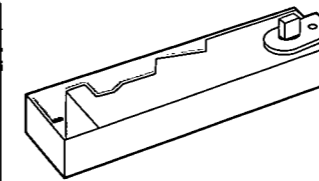
- All of the 84 series closers are available with this option suffix 'EM' eg. 84-10EM

HOLD OPEN = for closers with hold open armset suffix 'HO' (not suitable for fire doors)

Finishes

S.S.S.	Satin Stainless Steel	P.B.	Polished Brass
P.C.P.	Polished Chrome Plate	G.E.	Gold Enamel
S.E.	Silver Enamel		

Floor Spring Units



85-01

- Variable Power 1/4
- Adjustable closing speed & latch action
- Suitable for internal doors up to 1100mm
- Suitable for external doors up to 1000mm
- Backcheck
- Hold Open action available suffix 'HO'
- Electro Magnetic Hold Open available suffix 'EM'
- BS EN1154 1996: Classification 4.8.4/1.1.1.5.

85-02

- Generally same specifications as 85-01 with following exceptions
- Variable Hold Open 75-180 as standard
- Electro Magnetic Hold Open available suffix 'EM'
- BS EN1154 1996: Classification 3.8.4/1.1.1.5.

85-02F

- As above but non Hold Open

Accessories

Finishes SS, SB

double action accessory pack

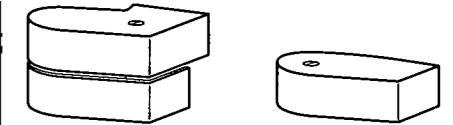
- 83-03D for 85-01
- 83-04D for 85-02

single action accessory pack

- 83-03S for 85-01
- 83-04S for 85-02

Cover Cap

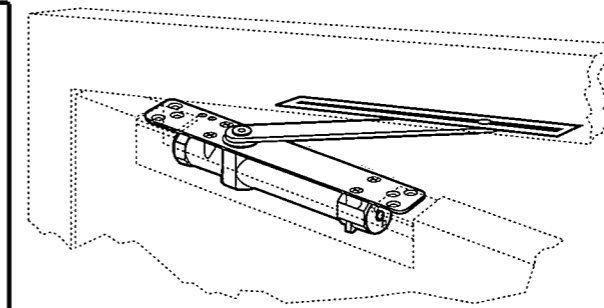
Finishes SE, PB



85-05

- Cover caps for single action top centres & door straps

Concealed Door Closers



85-06

- This cam action interior door closer is concealed yet provides strong and efficient service
- Adjustable Power 1/3
- BS EN1154 1996: Classification 3.8.3/1.1.1.2.
- Backcheck

85-FD30

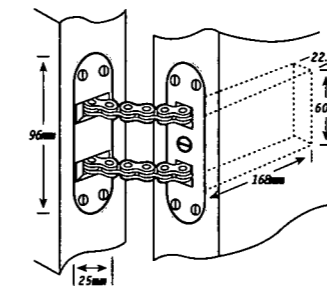
- 30 minute Fire Seal Pack for 85-06

85-FD60

- 60 minute Fire Seal Pack for 85-06

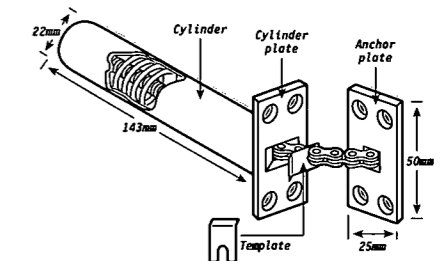
85-06HD

- As 85-06 but Adjustable Power 2/6



85-07

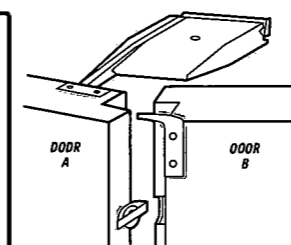
- For doors up to 75 kilos with check action
- Suitable for internal doors only



85-08

- Non check action for doors up to 50 Kilos

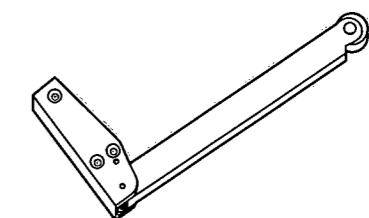
Door Selectors



85-09

- Suitable for 12 or 25mm rebated doors

Finishes SPSS, SSSS, GE, SPB, SAA



85-10

- Suitable for 12mm rebated doors

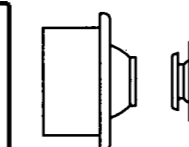
Finishes SE, PB

85-11

- Suitable for 25mm rebated doors

Finishes SE, PB

Electro Magnetic Door Holder



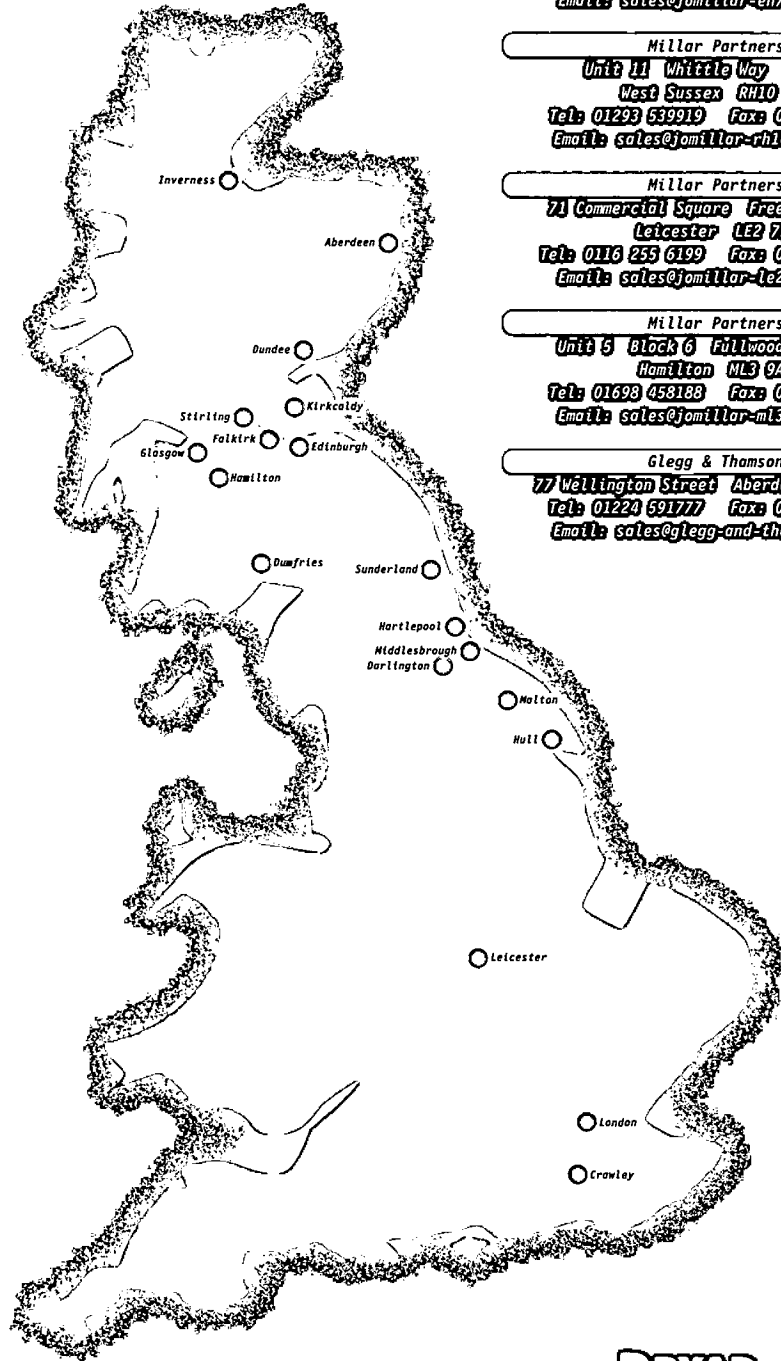
- 85-13 Flush mounted to wall
- 85-14 Surface mounted to wall
- 85-15 Floor mounted

Available 12 or 24v
Please specify when ordering

Finishes

S.S.	Stainless Steel	S.B.	Satin Brass	S.E.	Silver Enamel
P.B.	Polished Brass	S.P.S.S.	Simulated Polished Stainless Steel	S.P.B.	Simulated Polished Brass
G.E.	Gold Enamel	S.S.S.S.	Simulated Satin Stainless Steel	S.A.A.	Satin Anodised Aluminium

All of our depot network will handle enquiries for the Simplan Collection but for architects who wish assistance with specification of the Simplan Collection we have highlighted those locations where we have dedicated sales and technical personnel offering a full specification service.



DRYAD
Simplan
COLLECTION

LOCATIONS OFFERING A FULL ARCHITECTURAL SPECIFICATION SERVICE

Millar Partners
555 South Street Glasgow G14 0QT
Tel: 0141 954 5051 Fax: 0141 954 7222
Email: sales@millarpartners.co.uk

Millar Partners
20 Hawkhill Avenue Hawkhill Ind. Est.
Edinburgh EH7 6BU
Tel: 0131 661 6060 Fax: 0131 661 6061
Email: sales@jomillar-eh7.sol.co.uk

Millar Partners
Unit 11 Whittle Way Crawley
West Sussex RH10 2RW
Tel: 01293 639919 Fax: 01293 638790
Email: sales@jomillar-rh10.sol.co.uk

Millar Partners
71 Commercial Square Freemans Common
Leicester LE2 7SR
Tel: 0116 255 6199 Fax: 0116 255 6231
Email: sales@jomillar-le2.sol.co.uk

Millar Partners
Unit 5 Block 6 Fullwood Ind. Est.
Hamilton ML3 9AZ
Tel: 01698 458188 Fax: 01698 458199
Email: sales@jomillar-ml3.sol.co.uk

Glegg & Thomson
77 Wellington Street Aberdeen AB11 5BX
Tel: 01224 691777 Fax: 01224 691444
Email: sales@glegg-and-thomson.co.uk

Barclay & Company
52 Edinburgh Road Dumfries DG1 1JS
Tel: 01387 255660/256137 Fax: 01387 250973
Email: sales@barclay-co.demon.co.uk

Fyfe Douglas
119 Clepington Road Dundee DD3 7NU
Tel: 01382 458918 Fax: 01382 462967
Email: sales@fyfedouglas.co.uk

Fyfe Douglas
15A Harbour Road Inverness IV1 1SY
Tel: 01463 222600 Fax: 01463 225811
Email: sales@fyfedouglas-iv1.sol.co.uk

Kings
Units 3a-5a Meynell Road
Off Whessae Road Darlington
Co. Durham DL3 0XA
Tel: 01325 380808 Fax: 01325 381863

Kings
Newport Way Cannon Park Ind. Est.
Middlesbrough TS1 5JM
Tel: 01642 252266 Fax: 01642 253933

Kings
Cobblestone Park Foster Street
Stoneferry Road Hull HU8 8BT
Tel: 01482 589989 Fax: 01482 589444

Kings
Carrmere Road Leachmere Ind. Est.
Sunderland SR2 9TW
Tel: 0191 523 6773 Fax: 0191 523 6392

OTHER DEPOTS

Kings
Showfield Ind. Est. Walton V017 0BT
Tel: 01653 690011 Fax: 01653 690060

Kings
Ullswater Road Longhill Ind. Est.
Hartlepool TS25 1UE
Tel: 01429 868606 Fax: 01429 868899

Millar Partners
Unit 5 & 6 Munro Road
Springkerse Ind. Est. Stirling FK7 7UU
Tel: 01786 462616 Fax: 01786 463422
Email: sales@jomillar-fk7.sol.co.uk

Rosco Industrial Ltd
Skew Bridge Laurieston
Falkirk FK2 9PA
Tel: 01324 611787 Fax: 01324 621375
Email: sales@roscoindustrial.co.uk

Thomson Brothers
5 Randolph Place Randolph Ind. Est.
Kirkcaldy KY1 2YX
Tel: 01592 650055 Fax: 01592 650228
Email: sales@thomsonbrothers.co.uk

Trioplan Security
Premier House 5 Randolph Place
Kirkcaldy KY1 2YX
Tel: 01592 654141 Fax: 01592 651995
Email: sales@trioplan.co.uk

DRYAD
Simplan
COLLECTION



The Thomson Brothers Group are one of the UK's largest architectural ironmongers with a nationwide depot network as detailed on the back page of this brochure.

The original company in the Group was Thomson Brothers Ltd, founded in Scotland in 1870, hence the Thomson Brothers Group. In recent years we have acquired many long established ironmongery companies, including Glegg & Thomson formed in 1855 and King & Company established in Hull in 1744 and because they all have long associations with an area and a high degree of customer loyalty we have resisted the temptation to re-brand but have retained their original names.

Barclays, Ryfe Douglas, Glegg & Thomson, Kings, Millar Partners, Rosco, Trioplan Security and Thomson Brothers are all trading names of Thomson Brothers Ltd and trade as a dynamic Group with its headquarters in Kirkcaldy, Scotland - the original location of Thomson Brothers Ltd.

We are proud of our heritage and can justifiably claim to have served the construction industry through four centuries but this does not mean we live in the past and we hope you find this brochure bears testimony to that.

We have recently acquired the rights to the well-known Dryad range of architectural hardware and continue to have the products manufactured for the Thomson Brothers Group to the original Dryad patterns and to the same high quality.

Dryad designs have been specified on prestigious projects since the late 1940's and in 1959 were the first architectural ironmongery company to win a Design Council award for one of their products.

Dryad is now the brand name for all architectural hardware specification products distributed by the group.

As one of the largest architectural ironmongers in the UK with over 300 personnel we can offer a genuine nationwide service to our customers and aim to provide the highest level of service to specifiers, designers and contractors.

We have a team of professionally qualified technical consultants operating across the UK, offering a full specification and scheduling service to ensure that product is not only fit for the purpose but also meets all current fire regulations and performance standards. The product range includes balustrading, washroom systems and integrated security solutions for access control, door entry and CCTV. Installation and maintenance of security systems is also undertaken by our qualified engineers.

We aim to schedule and supply product that is not only innovative in design but also able to withstand the demands of today's buildings and their users. Quality should not be sacrificed solely at the expense of price. The products must also meet the needs of the client and appropriate guarantees are offered.

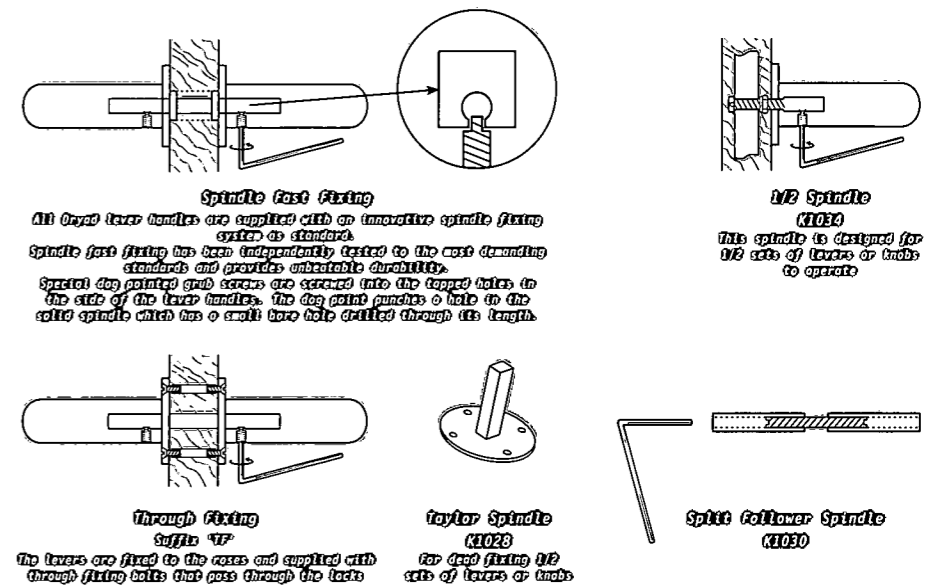
As well as the exclusive Dryad range of architectural hardware we are also happy to specify products from well known manufacturers such as ASSA, Dorma, Hent, Glutz, Jabron, Yale, Ingersoll Rand, Abloy etc. should a project so demand.

We are ISO 9002 registered and apply the latest computer technology to link our depot network and provide our customers with a computer aided scheduling service.

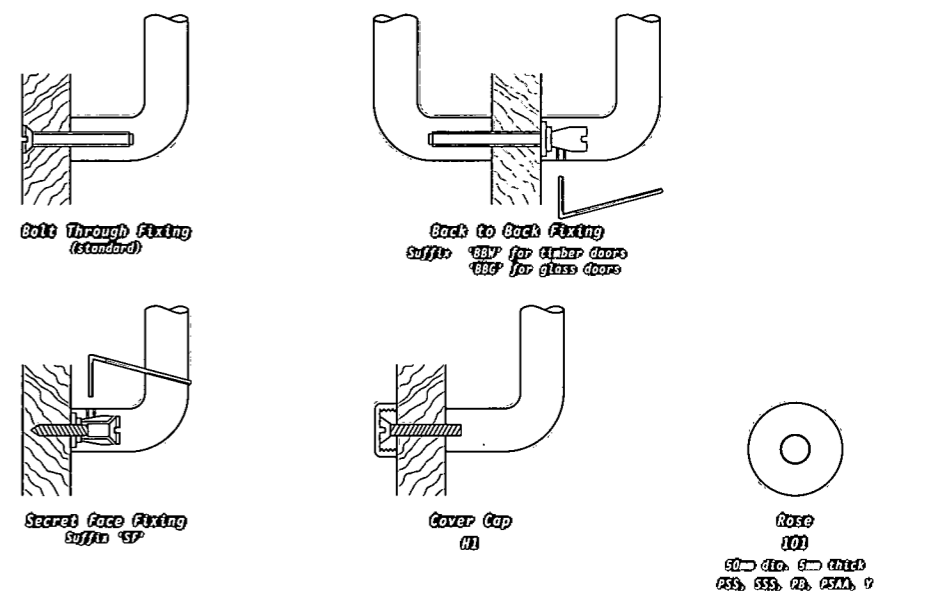


fixings

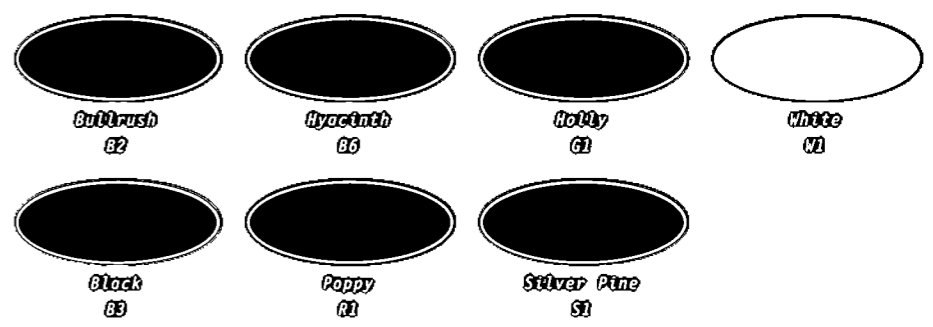
Lever Handles



Pull Handles



Colour Chart



Mechanical Maintenance

Lever & Pull Handles
These should require no maintenance if fitted correctly though the screws should be tightened if found to be loose.

Maintenance of Finishes

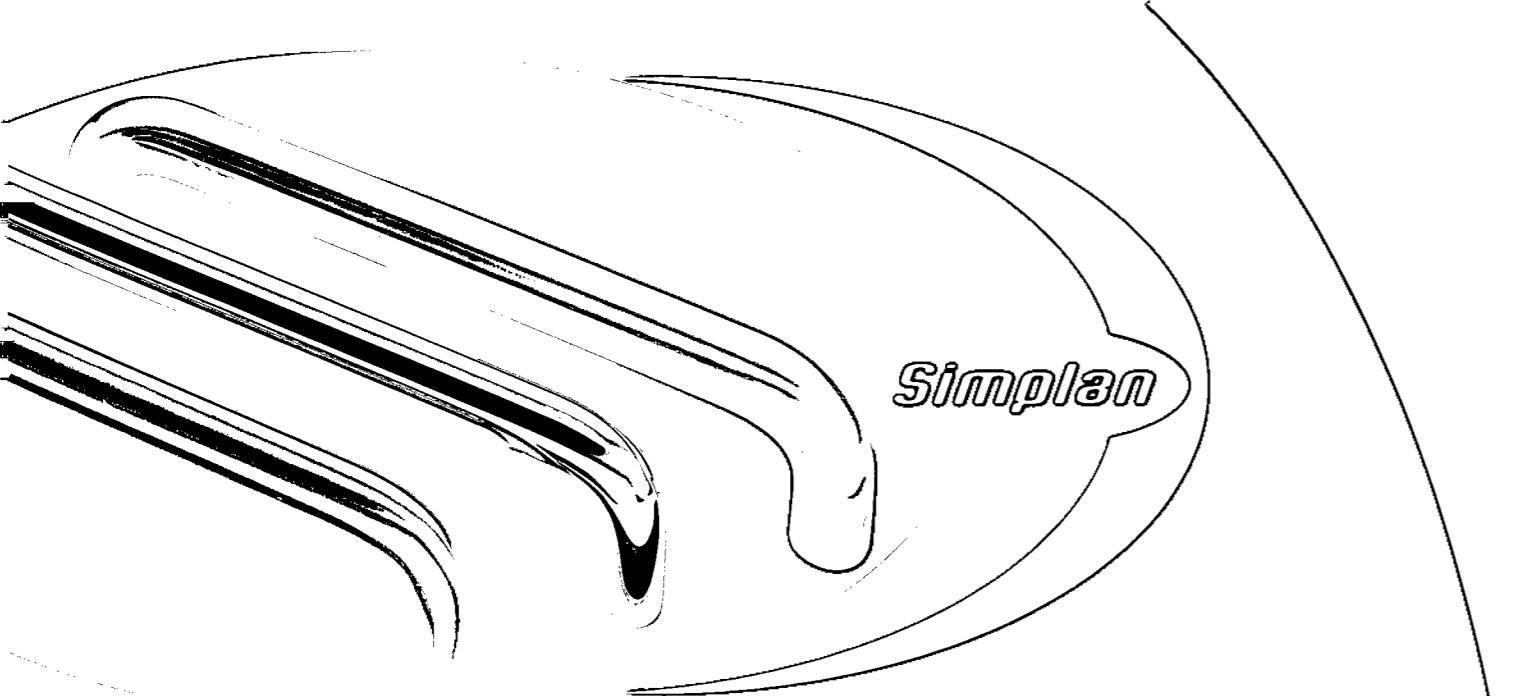
Polished Silver Anodised Aluminium
Anodised aluminium should be dusted regularly with a soft cloth and periodically washed with warm soapy water.

Stainless Steel
Grade 304 stainless steel is used on all of the products in the Contour Collection as it offers a greater resistance to corrosion. Both polished and satin finishes should be washed periodically with warm soapy water and dusted regularly.

Unlacquered Brass
This finish should be polished weekly with a proprietary metal cleaner to maintain its polished appearance or alternatively left to gain a natural patina.

Colour
This finish should be cleaned with a soft cloth.

Thomson Brothers Group reserve the right to alter specification without prior notice.



4000

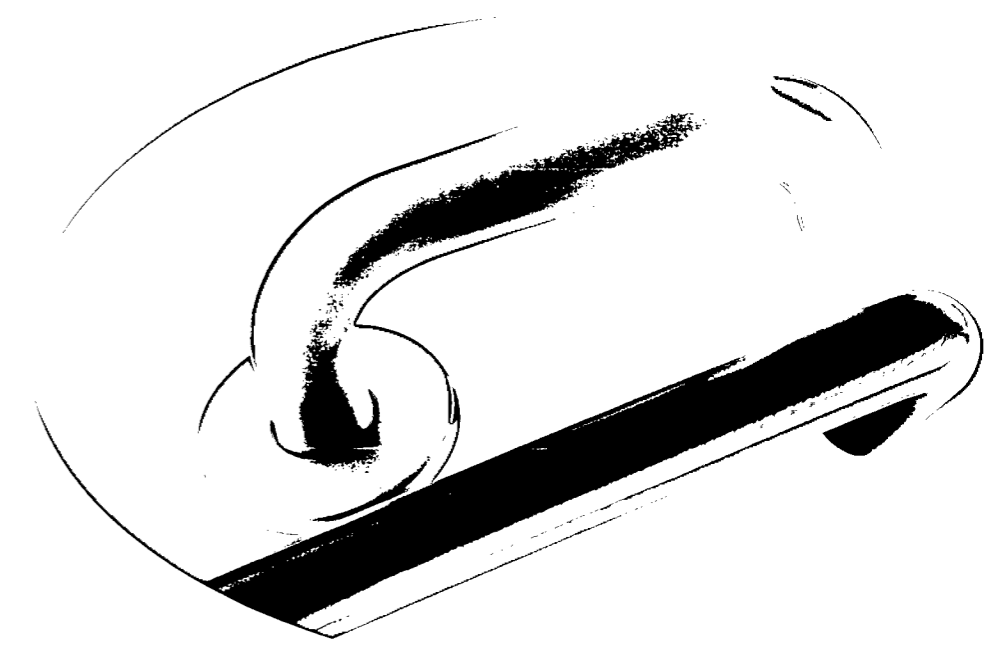
Finishes P.S.S., S.S.S., P.B., P.S.A.A.
 V available on 4192, 4253 & 4250 only

4000				4000T			
Finishes P.S.S., S.S.S., P.B., P.S.A.A. V available on 4192, 4253 & 4250 only				Finishes P.S.S., P.B.			
c/c	100	150	225	c/c	150	225	
16mm	4161	4162	4163	16mm	4192T	4193T	
19mm	4191	4192	4193	19mm	4192T	4193T	
22mm	4221	4222	4223				
25mm	4251	4252	4253				
Other sizes available on request				Other sizes available on request			

Finishes

- P.S.S. Polished Stainless Steel (Grade T316)
- S.S.S. Satin Stainless Steel (Grade T316)
- P.B. Polished Brass
- P.S.A.A. Polished Silver Anodised Aluminium
- V. Nylon Colour Coated (see page 7)

Fixing - Bolt through fixing as standard. For alternative fixings see page 7.



The Dryad Simplan Range of door furniture based on the timeless round bar design was first launched in 1977 and has remained a market leader for over 20 years.

The Dryad Simplan Range comprises a selection of lever and pull handles available in straight or return to door designs.

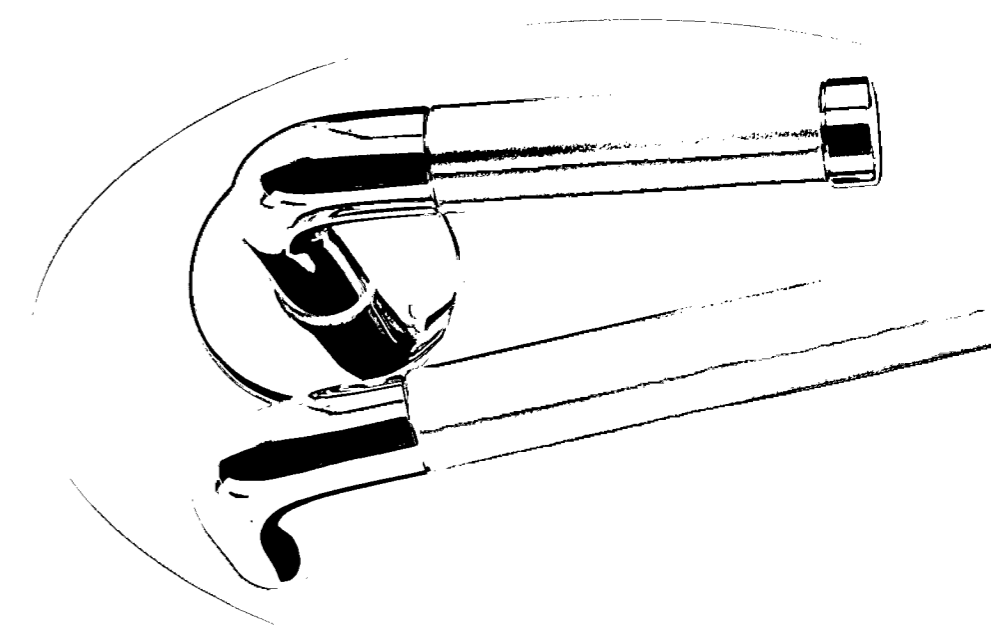
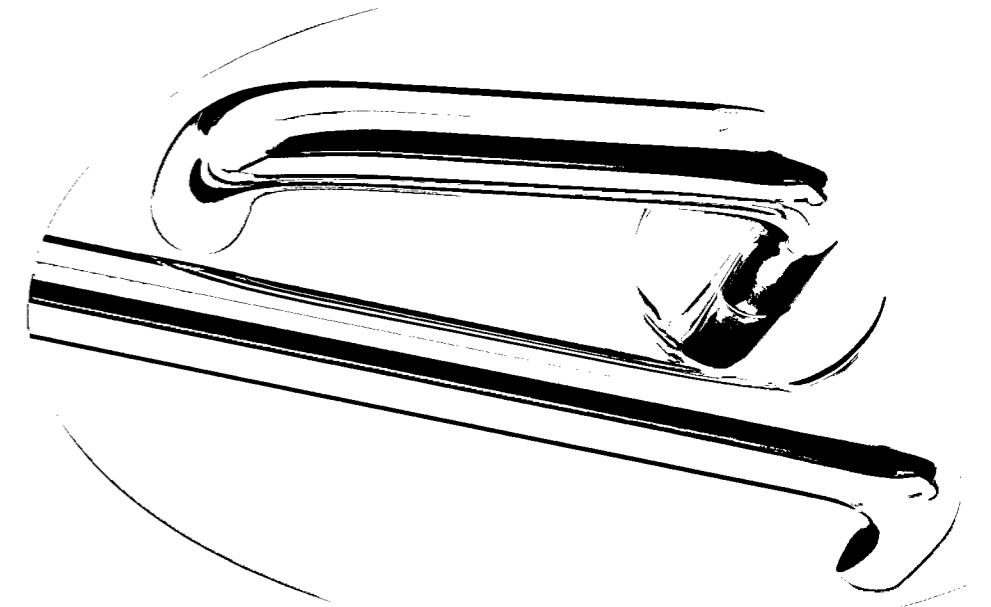
Renowned for its high quality of finish and manufacture, the clean lines reflect new methods of manufacture, use of the latest technology and the highest standard of craftsmanship to ensure that the Dryad Simplan Range continues to enhance prestigious projects into the future.

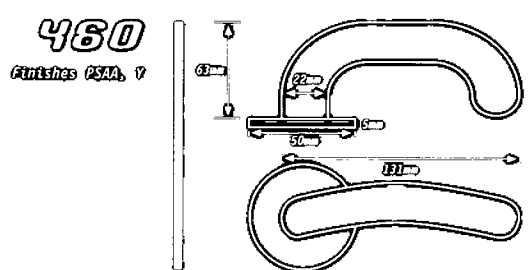
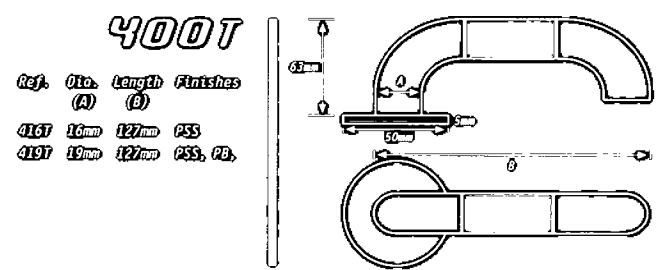
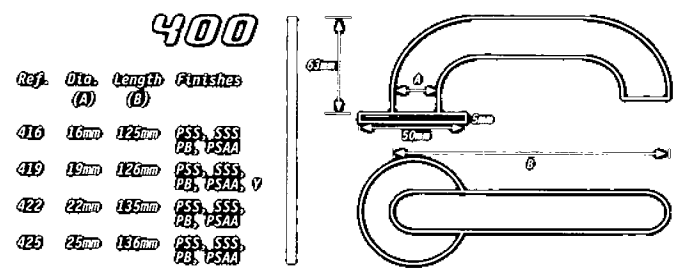
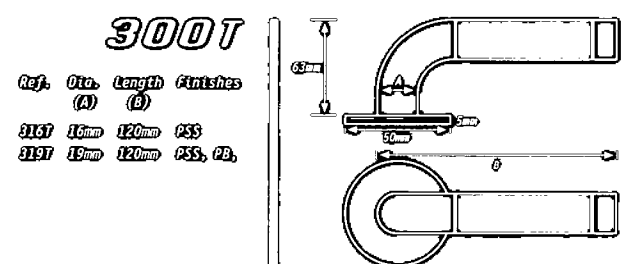
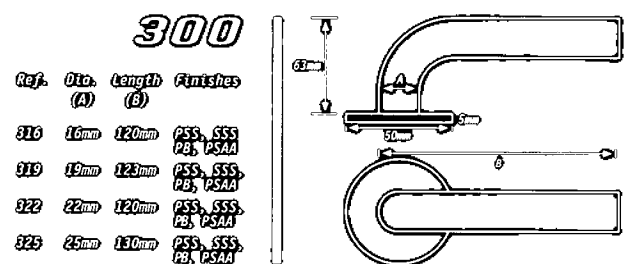
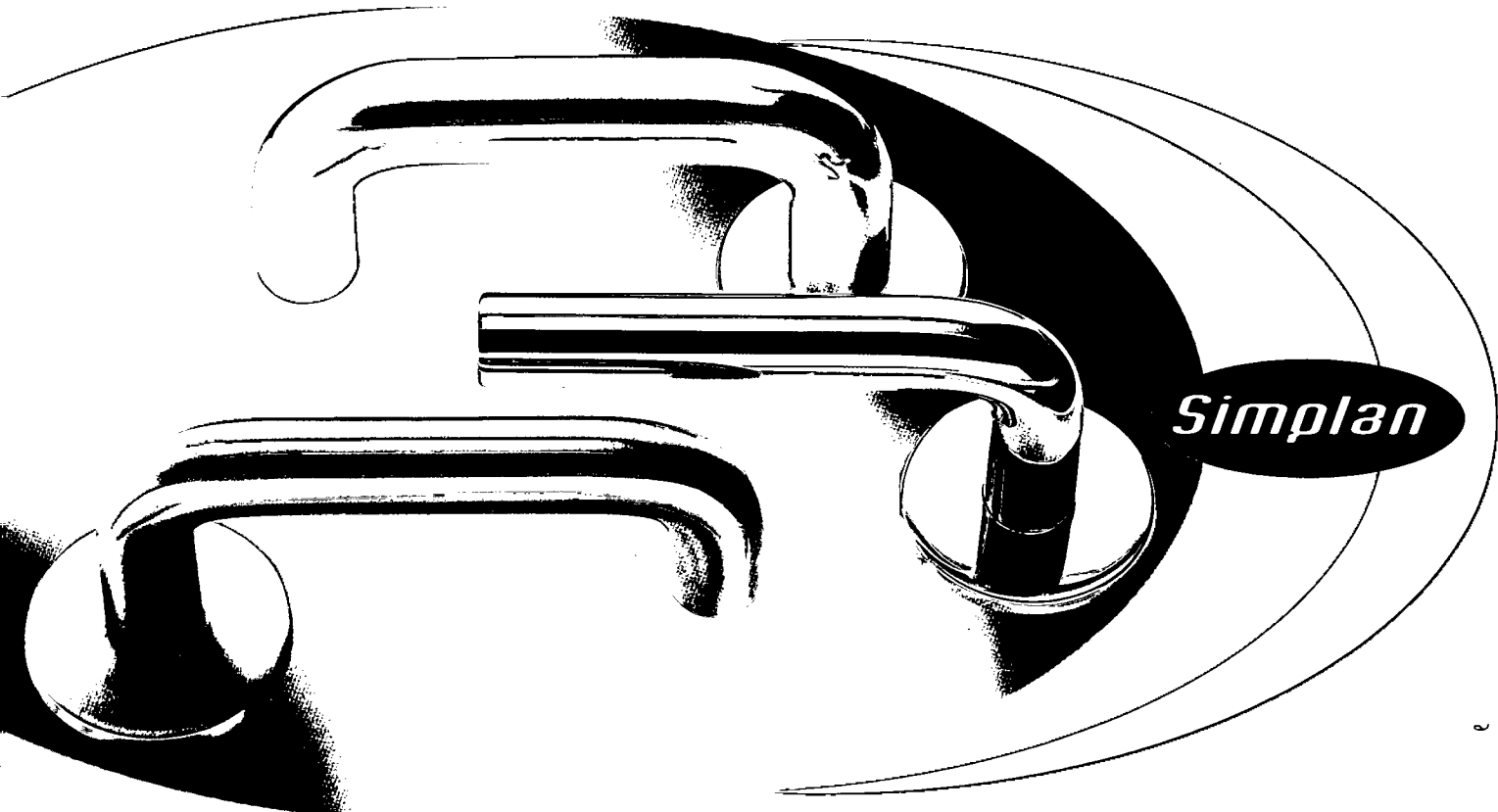
The products are hand finished and available in a range of materials including grade 316 stainless steel, brass, aluminium and colour coated aluminium.

All lever handles are supplied with our innovative spindle fixing system ensuring unbeatable durability.

A range of complementary products including door closers, hinges, locks, panic hardware etc. all designed to coordinate with the Dryad Simplan Range are detailed in our separate illustrated Dryad Ancillary Hardware catalogue.

The high quality Dryad Simplan Collection is exclusively available from the Thomson Brothers Group.

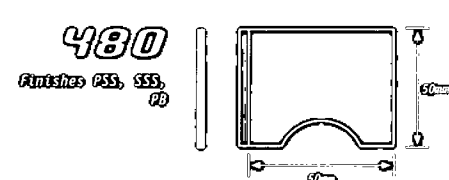
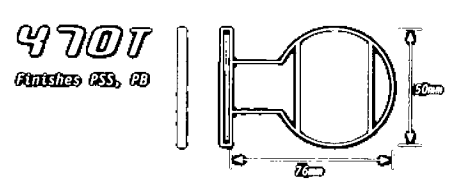
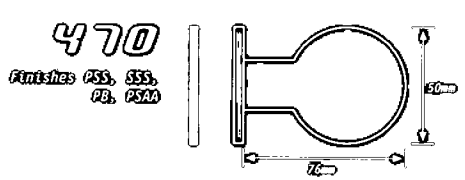




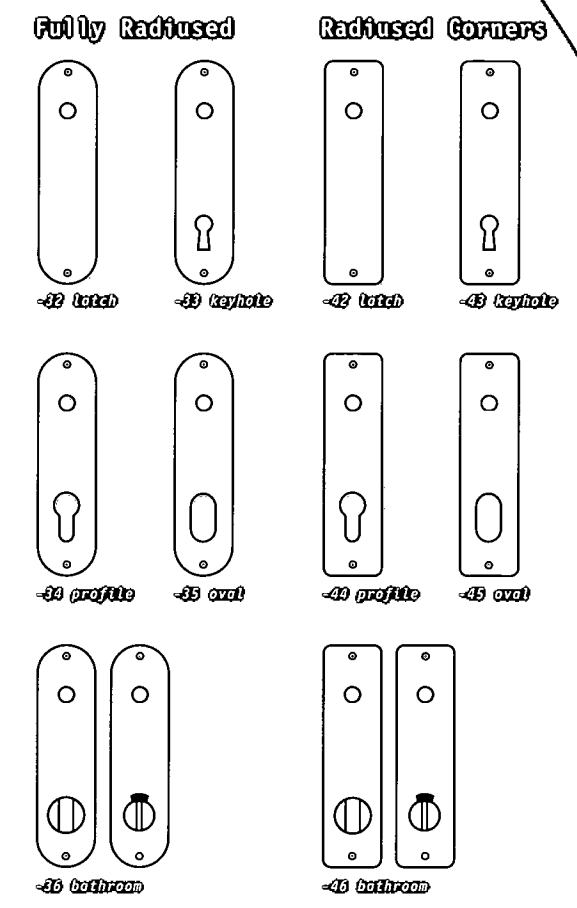
The lever handles above are shown on -01 unsprung roses, for alternative backplates see page opposite.

Fixing - Spindle fixed as standard.

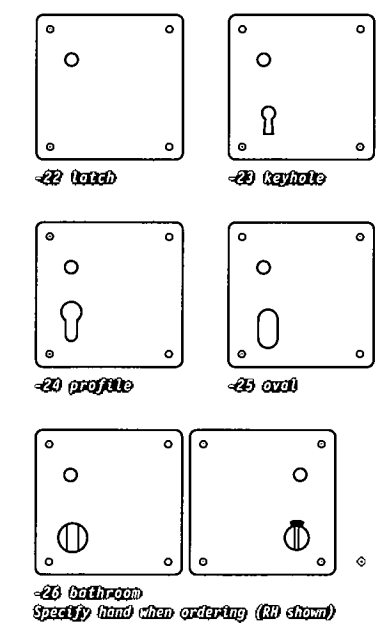
THROUGH FIXING - suffix 'TF' available on request.



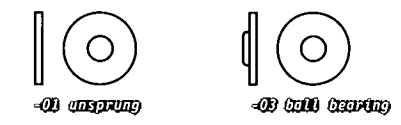
Backplates
UNSPRUNG
200x42x3mm
Finishes PSS, SSS, PB, PSAA



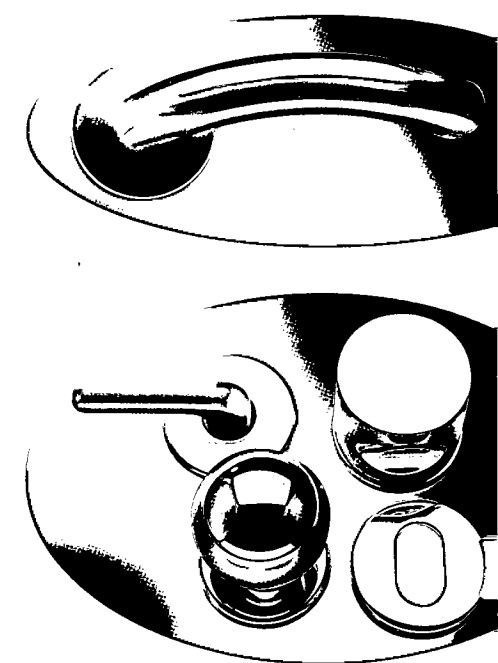
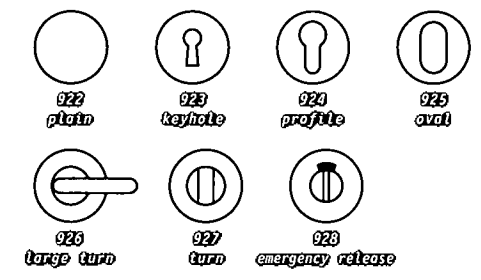
Backplates
UNSPRUNG
150x150mm
Finishes PSS, SSS, PB, PSAA



Roses
50mm Oto. 5mm thick
Finishes PSS, SSS, PB, PSAA, V



Escutcheons, Turns & Releases
50mm Oto. 5mm thick
Finishes PSS, SSS, PB, PSAA, V

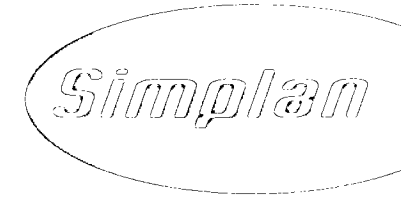


These ranges of round section door furniture incorporate the 300 straight lever and the 400 safety lever handles.

- Manufactured and hand finished to the highest standards.
- Available in Grade T316 Polished or Satin Stainless Steel and Polished Brass.
- Textured grip available on the Polished Stainless Steel and Polished Brass finishes only.
- With covered roses and backplates to suit the 71 & 72 series locks with 72mm centres and the 73 series lock with 49mm centres.
- See our separate Ancillary Brochure for other products.

Finishes

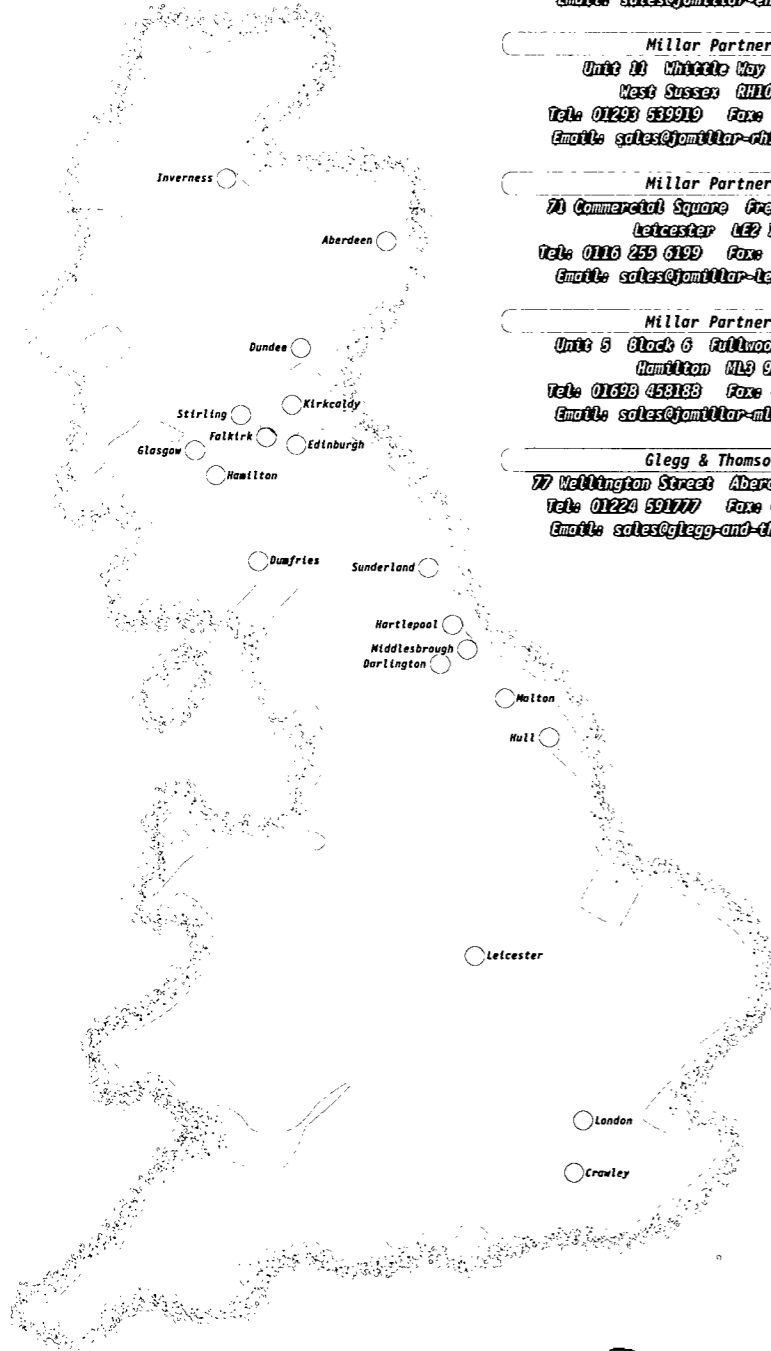
- P.S.S. Polished Stainless Steel (Grade T316)
- S.S.S. Satin Stainless Steel (Grade T316)
- P.B. Polished Brass
- P.S.A.A. Polished Silver Anodised Aluminium
- Y. Nylon Colour Coated (see page 7)



THOMSON

Brothers Group

All of our depot network will handle enquiries for the Contour Collection but for architects who wish assistance with specification of the Contour Collection we have highlighted those locations where we have dedicated sales and technical personnel offering a full specification service.



LOCATIONS OFFERING A FULL ARCHITECTURAL SPECIFICATION SERVICE

Millar Partners

555 South Street Glasgow G14 0Q7
Tel: 0141 954 5051 Fax: 0141 954 7222
Email: sales@millarpartners.co.uk

Millar Partners

20 Hawthorn Avenue Hawthorn Ind. Est.
Edinburgh EH7 6BU
Tel: 0131 661 6060 Fax: 0131 661 6061
Email: sales@jmillar-eh7.sol.co.uk

Millar Partners

Unit 10 Whiteley Way Crawley
West Sussex RH10 2RW
Tel: 01293 539919 Fax: 01293 539750
Email: sales@jmillar-rh10.sol.co.uk

Millar Partners

70 Commercial Square Greemans Common
Leicester LE2 7SR
Tel: 0116 255 6199 Fax: 0116 255 6291
Email: sales@jmillar-le2.sol.co.uk

Millar Partners

Unit 5 Block 6 Rutland Ind. Est.
Hamilton ML9 9AZ
Tel: 01698 458188 Fax: 01698 458199
Email: sales@jmillar-ml9.sol.co.uk

Glegg & Thomson

77 Wellington Street Aberdeen AB11 5BX
Tel: 01224 591777 Fax: 01224 591444
Email: sales@glegg-and-thomson.co.uk

Barclay & Company

52 Edinburgh Road Dumfries DG1 1MS
Tel: 01387 255660/256197 Fax: 01387 250978
Email: sales@barclay.co.demon.co.uk

Fyfe Douglas

119 Clapington Road Dundee DD9 7JU
Tel: 01382 458918 Fax: 01382 462967
Email: sales@fyfedouglas.co.uk

Fyfe Douglas

15A Harbour Road Inverness IV1 1SY
Tel: 01463 222600 Fax: 01463 223910
Email: sales@fyfedouglas-iv1.sol.co.uk

Kings

Units 3a-5a Maynell Road
Off Whessae Road Darlington
Co. Durham DL9 6XA
Tel: 01325 380808 Fax: 01325 381869

Kings

Newport Way Cannon Park Ind. Est.
Middlesbrough TS1 5UW
Tel: 01642 252266 Fax: 01642 259938

Kings

Cobblesstone Park Foster Street
Stonefermy Road Hull HU8 8BT
Tel: 01482 589889 Fax: 01482 589444

Kings

Carmore Road Leachmere Ind. Est.
Sunderland SR2 9UW
Tel: 0191 528 6778 Fax: 0191 528 6392

OTHER DEPOTS

Kings

Showfield Ind. Est. Milton V017 0BT
Tel: 01659 690018 Fax: 01659 690060

Kings

Ullswater Road Longthorn Ind. Est.
Hartlepool TS25 1UE
Tel: 01429 863606 Fax: 01429 863899

Millar Partners

Unit 9 6 Munro Road
Springkarse Ind. Est. Stirling FK7 7UU
Tel: 01786 462616 Fax: 01786 461422
Email: sales@jmillar-fk7.sol.co.uk

Rosco Industrial Ltd

Skew Bridge Laurieston
Falkirk FK2 9PA
Tel: 01624 611787 Fax: 01624 621875
Email: sales@roscoindustrial.co.uk

Thomson Brothers

5 Randolph Place Randolph Ind. Est.
Kirkcaldy KY2 2XX
Tel: 01592 650055 Fax: 01592 650228
Email: sales@thomsonbrothers.co.uk

Trioplan Security

Premier House 5 Randolph Place
Kirkcaldy KY2 2XX
Tel: 01592 654141 Fax: 01592 651995
Email: sales@trioplan.co.uk

DRYAD
Contour
COLLECTION

DRYAD
Contour
COLLECTION



The Thomson Brothers Group are one of the UK's largest architectural ironmongers with a nationwide depot network as detailed on the back page of this brochure.

The original company in the Group was Thomson Brothers Ltd, founded in Scotland in 1870, hence the Thomson Brothers Group. In recent years we have acquired many long established ironmongery companies, including Glegg & Thomson formed in 1855 and King & Company established in Hull in 1744 and because they all have long associations with an area and a high degree of customer loyalty we have resisted the temptation to re-brand but have retained their original names.

Barclays, Fyfe Douglas, Glegg & Thomson, Kings, Millar Partners, Rosco, TrioPlan Security and Thomson Brothers are all trading names of Thomson Brothers Ltd and trade as a dynamic Group with its headquarters in Kirkcaldy, Scotland - the original location of Thomson Brothers Ltd.

We are proud of our heritage and can justifiably claim to have served the construction industry through four centuries but this does not mean we live in the past and we hope you find this brochure bears testimony to that.

We have recently acquired the rights to the well-known Dryad range of architectural hardware and continue to have the products manufactured for the Thomson Brothers Group to the original Dryad patterns and to the same high quality.

Dryad designs have been specified on prestigious projects since the late 1940's and in 1959 were the first architectural ironmongery company to win a Design Council award for one of their products.

Dryad is now the brand name for all architectural hardware specification products distributed by the group.

As one of the largest architectural ironmongers in the UK with over 300 personnel we can offer a genuine nationwide service to our customers and aim to provide the highest level of service to specifiers, designers and contractors.

We have a team of professionally qualified technical consultants operating across the UK, offering a full specification and scheduling service to ensure that product is not only fit for the purpose but also meets all current fire regulations and performance standards. The product range includes balustrading, washroom systems and integrated security solutions for access control, door entry and CCTV. Installation and maintenance of security systems is also undertaken by our qualified engineers.

We aim to schedule and supply product that is not only innovative in design but also able to withstand the demands of today's buildings and their users. Quality should not be sacrificed solely at the expense of price. The products must also meet the needs of the client and appropriate guarantees are offered.

As well as the exclusive Dryad range of architectural hardware we are also happy to specify products from well known manufacturers such as ASSA, Dorma, Hewi, Glutz, Jebron, Yale, Ingersoll Rand, Abloy etc. should a project so demand.

We are ISO 9002 registered and apply the latest computer technology to link our depot network and provide our customers with a computer aided scheduling service.

Contents

100 range	4-5
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500 range	8-9
600 range	10-11
700 range	12-13
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1000 range	18
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fixings

Lever Handles

Spindle Fast Fixing
All Dryad lever handles are supplied with an innovative spindle fixing system as standard. Spindle fast fixing has been independently tested to the most demanding standards and provides unbeatable durability. Special dog pointed grub screws are screwed into the tapped holes in the side of the lever handles. The dog point punches a hole in the solid spindle which has a small bore hole drilled through its length.

1/2 Spindle K1034
This spindle is designed for 1/2 sets of levers or knobs to operate.

Through Fixing Suffix 'TF'
The levers are fixed to the roses and supplied with through fixing bolts that pass through the locks.

Taylor Spindle K1028
For dead fixing 1/2 sets of levers or knobs.

Split Follower Spindle K1030

Pull Handles

Bolt Through Fixing (standard)

Back to Back Fixing
Suffix 'BB' for timber doors
'BBG' for glass doors

Secret Face Fixing
Suffix 'SF'

Cover Cap
ii

Rose 101
50mm dia. 5mm thick
SS, SS, PB

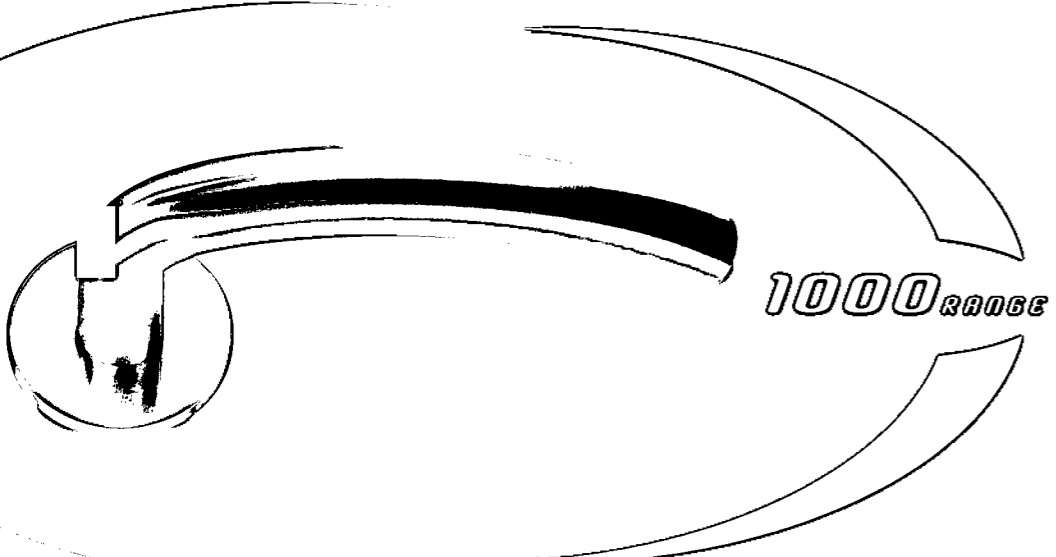
Mechanical Maintenance

Lever & Pull Handles
These should require no maintenance if fitted correctly though the screws should be tightened if found to be loose.

Maintenance of Finishes

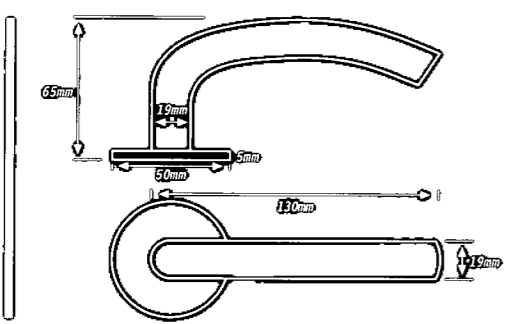
Stainless Steel
Grade 316 stainless steel is used on all of the products in the Contour Collection as it offers a greater resistance to corrosion. Both polished and satin finishes should be washed periodically with warm soapy water and dusted regularly.

Unlacquered Brass
This finish should be polished weekly with a proprietary metal cleaner to maintain its polished appearance or alternatively left to gain a natural patina.



1000 RANGE

1190
Finishes PSS, SSS



Finishes

- P.S.S. Polished Stainless Steel (Grade 1316)
- S.S.S. Satin Stainless Steel (Grade 1316)

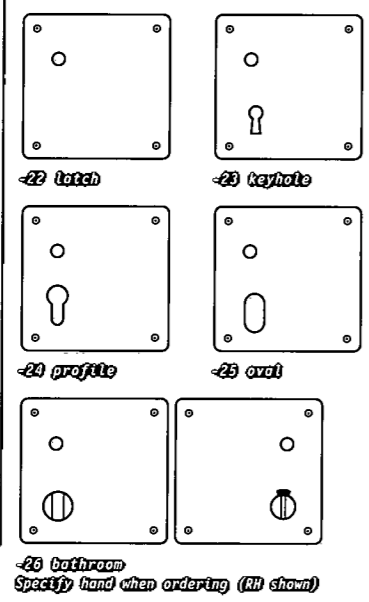
The lever handle is shown on -01 unsprung rose, for alternative backplates see below.
Fixing - Spindle fixed as standard. THROUGH FIXING - suffix 'TF' available on request.

The 1000 range is elegant and simple in design.

- Manufactured and hand finished to the highest standards.
- Available in Grade 1316 Polished or Satin Stainless Steel.
- With covered roses and backplates to suit the 71 & 72 series locks with 72mm centres and the 73 series lock with 49mm centres.
- See our separate Ancillary Brochure for other products.

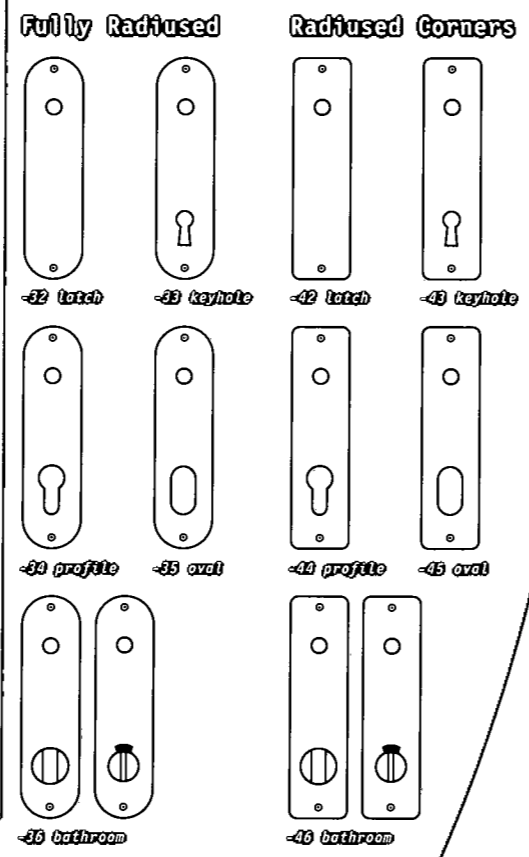
Backplates

UNSPRUNG 150x150mm



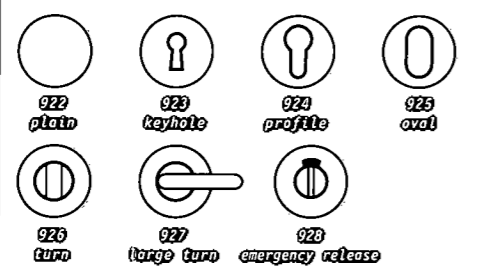
Backplates

UNSPRUNG 200x42x3mm



Escutcheons, Turns & Releases

50mm Dia. 5mm Thick



Roses

50mm Dia. 5mm Thick



The Dryad Contour Collection of unique lever & pull handle designs was first launched in 1998 and its clean and innovative styles immediately proved to be successful with architects and specifiers.

This new catalogue includes five new unique designs of lever and pull handles.

Renowned for its innovative design the Dryad Contour Collection is manufactured and hand finished to the highest standards.

All of the designs are available in grade 316 stainless steel with some also being available in polished brass.

A textured grip is also offered with the 100, 200, 500 and 900 designs giving an exciting combination of textured and polished surfaces.

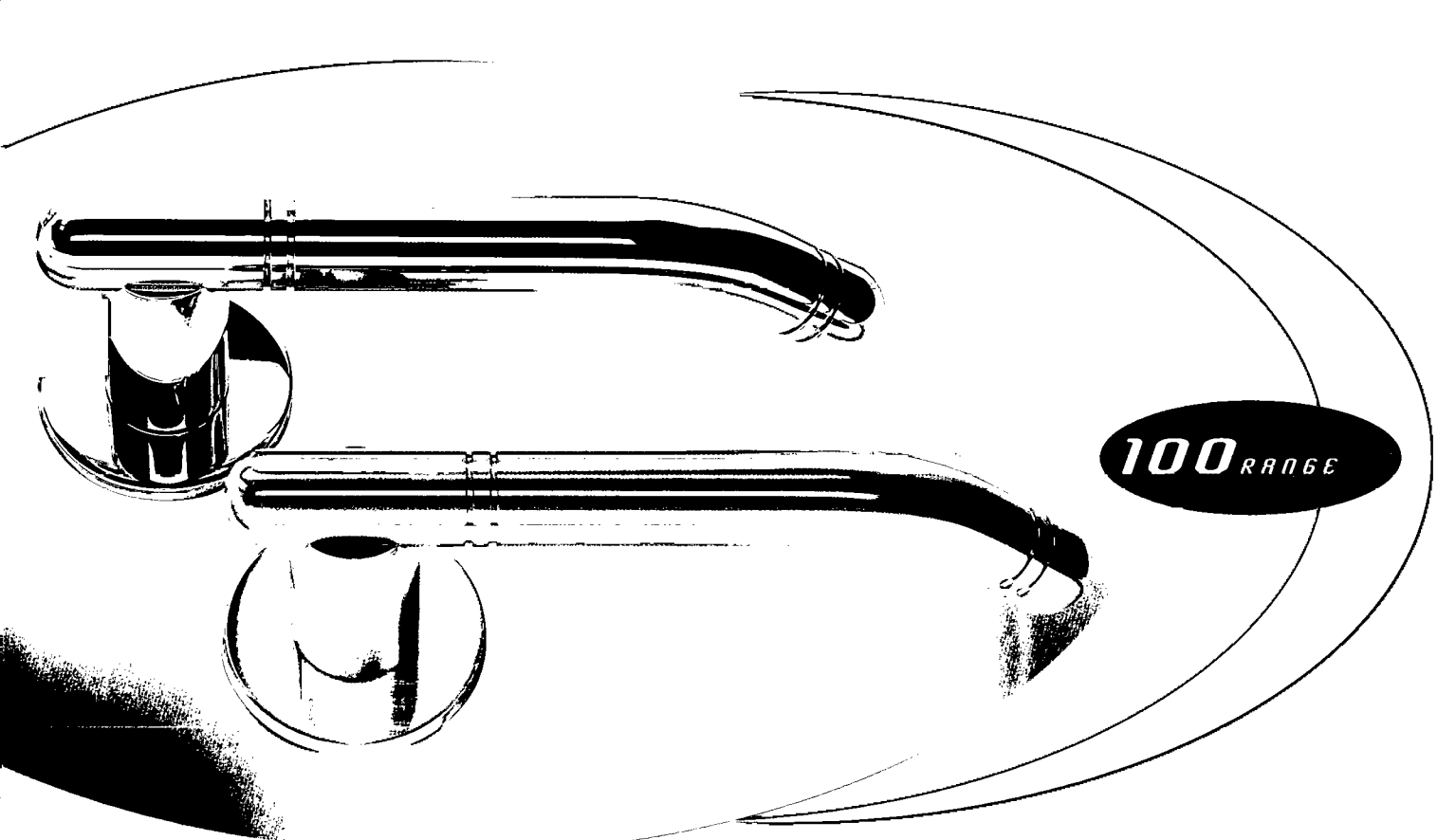
All lever handles are supplied with our innovative spindle fixing system ensuring unbeatable durability.

A range of complementary products including door closers, hinges, locks, panic hardware etc. all designed to coordinate with the Dryad Contour Collection are detailed in our separate illustrated Dryad Ancillary Hardware catalogue.

The high quality Dryad Contour Collection is exclusively distributed by the Thomson Brothers Group.

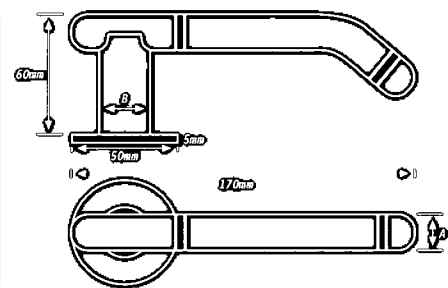


1000 RANGE



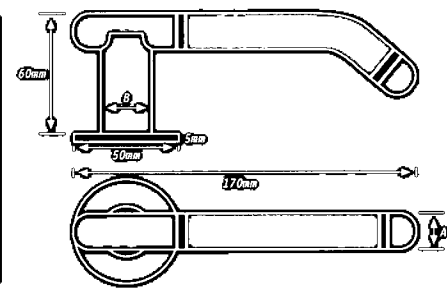
100
Finishes PSS, SSS, PB

Ref.	Grip Dia. (A)	Stem Dia. (B)
116	16mm	22mm
119	19mm	25mm



100T
Finishes PSS, PB

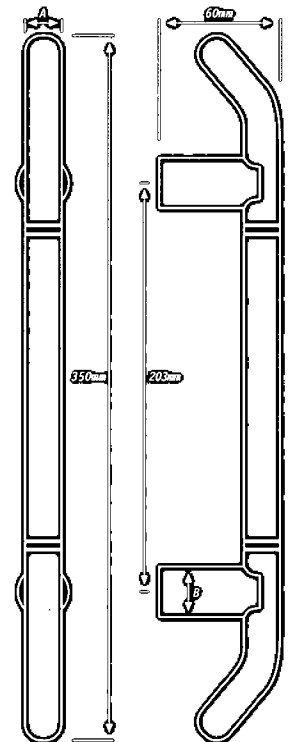
Ref.	Grip Dia. (A)	Stem Dia. (B)
116T	16mm	22mm
119T	19mm	25mm



The lever handles above are shown on -01 unsprung roses, for alternative backplates see page opposite.
Fixing - Spindle fixed as standard. THROUGH FIXING - suffix 'TF' available on request.

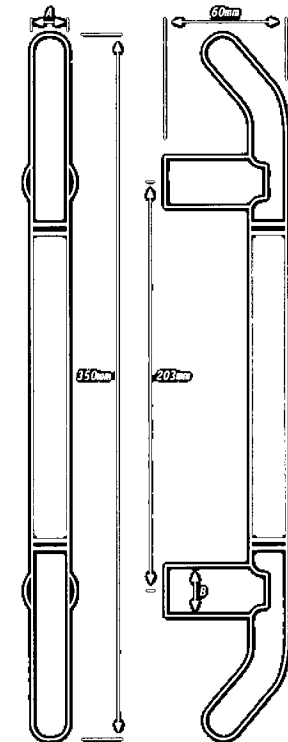
110
Finishes PSS, SSS, PB

Ref.	Grip Dia. (A)	Stem Dia. (B)	c/c
1161	16mm	22mm	203mm
1191	19mm	25mm	203mm



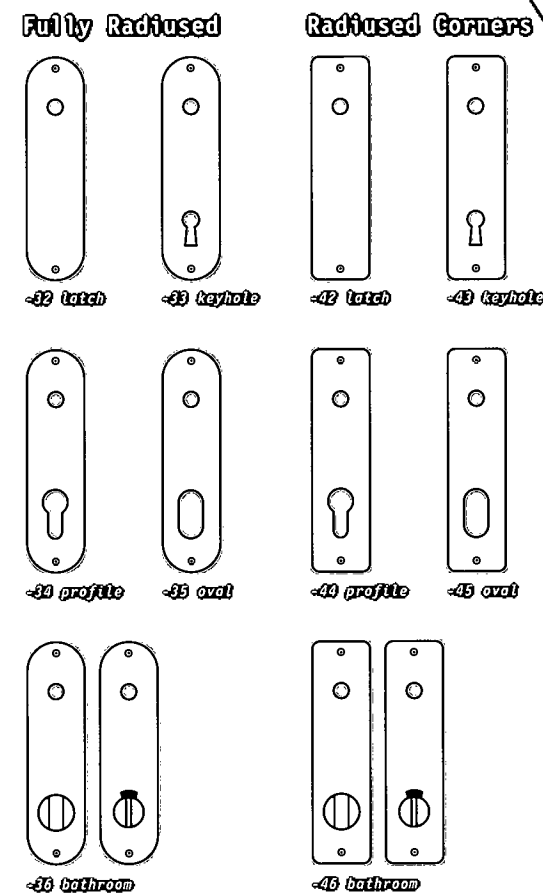
110T
Finishes PSS, PB

Ref.	Grip Dia. (A)	Stem Dia. (B)	c/c
1161T	16mm	22mm	203mm
1191T	19mm	25mm	203mm

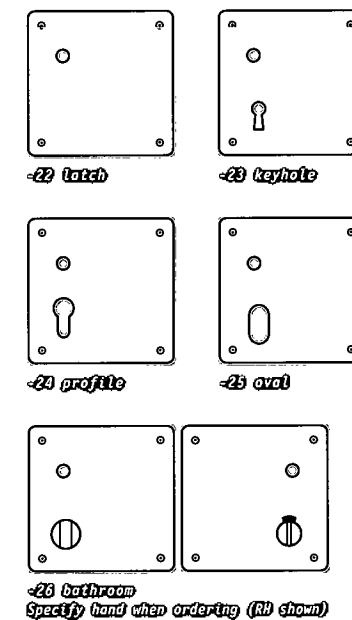


Fixing - Bolt through fixing as standard. For alternative fixings see page 19.

Backplates
UNSPRUNG
200x42.8mm



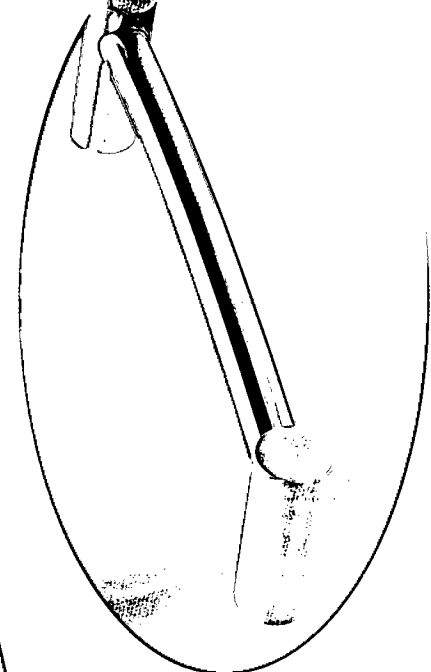
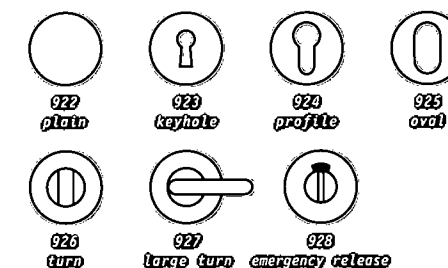
Backplates
UNSPRUNG
150x150mm



Roses
50mm Dia. 5mm Thick



Escutcheons, Turns & Releases
50mm Dia. 5mm Thick



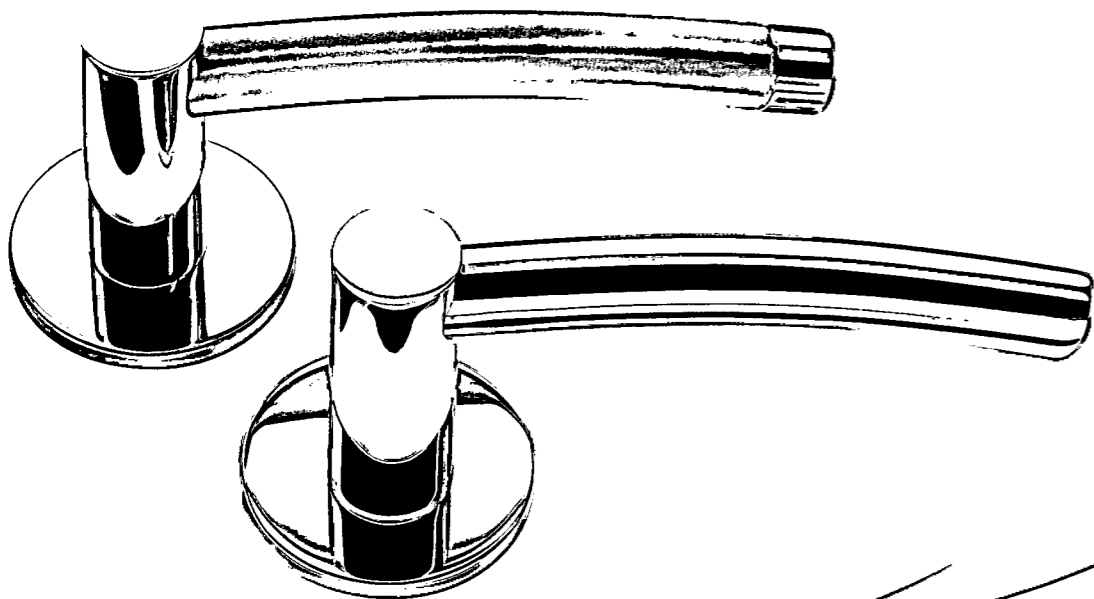
The 900 range offers designer appearance with functionality.

- Manufactured and hand finished to the highest standards.
- Available in Grade T316 Polished or Satin Stainless Steel and Polished Brass.
- Textured grip available on the Polished Stainless Steel and Polished Brass finishes only.
- With covered roses and backplates to suit the 71 & 72 series locks with 72mm centres and the 73 series lock with 49mm centres.
- See our separate Ancillary Brochure for other products.

Finishes

- P.S.S. Polished Stainless Steel (Grade T316)
- S.S.S. Satin Stainless Steel (Grade T316)
- P.B. Polished Brass



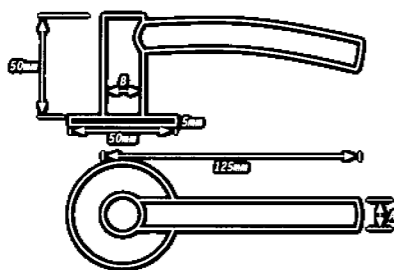


900 RANGE

900

Finishes PSS, SSS, PB

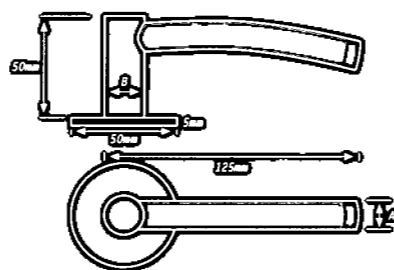
Ref.	Grip Dia. (A)	Stem Dia. (B)
916	16mm	22mm
919	19mm	25mm



900T

Finishes PSS, PB

Ref.	Grip Dia. (A)	Stem Dia. (B)
916T	16mm	22mm
919T	19mm	25mm

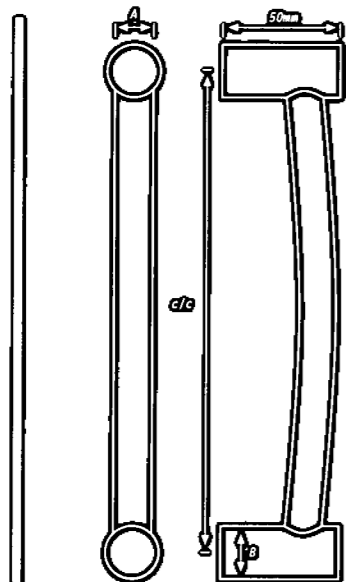


The lever handles above are shown on -01 unsprung roses, for alternative backplates see page opposite.
 Fixing - Spindle fixed as standard. THROUGH FIXING - suffix 'TF' available on request.

910

Finishes PSS, SSS, PB

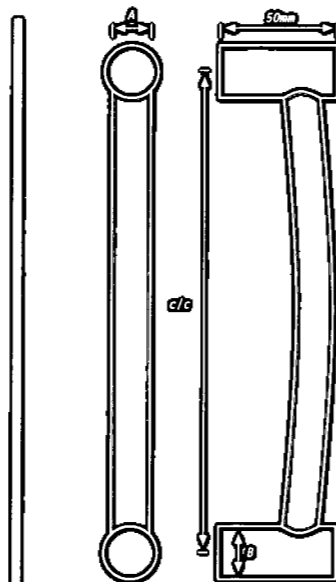
Ref.	Grip Dia. (A)	Stem Dia. (B)	c/c
9161	16mm	22mm	225mm
9191	19mm	25mm	225mm
9162	16mm	22mm	300mm
9192	19mm	25mm	300mm



910T

Finishes PSS, PB

Ref.	Grip Dia. (A)	Stem Dia. (B)	c/c
9161T	16mm	22mm	225mm
9191T	19mm	25mm	225mm
9162T	16mm	22mm	300mm
9192T	19mm	25mm	300mm



Fixing - Bolt through fixing as standard. For alternative fixings see page 19.

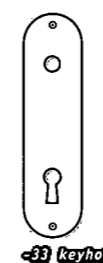
Backplates

UNSPRUNG
200x42x3mm

Fully Radiused

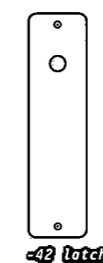


-32 latch

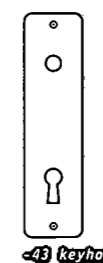


-33 keyhole

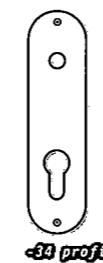
Radiused Corners



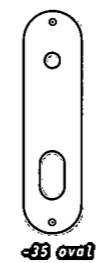
-42 latch



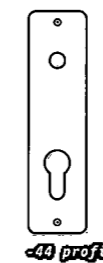
-43 keyhole



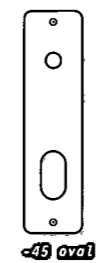
-34 profile



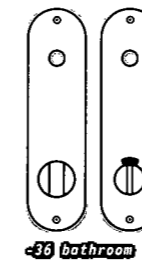
-35 oval



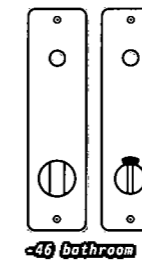
-44 profile



-45 oval



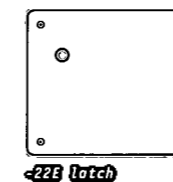
-36 bathroom



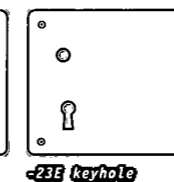
-46 bathroom

Backplates

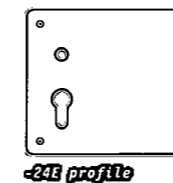
UNSPRUNG
150x175mm



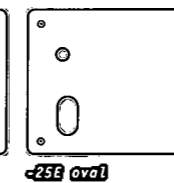
-228 latch



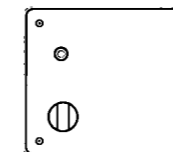
-238 keyhole



-248 profile

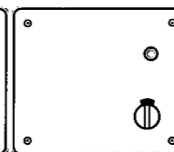


-258 oval



-268 bathroom

Specify hand when ordering (RH shown)



Roses

50mm Dia. 5mm Thick



-01 unsprung



-03 ball bearing

Escutcheons, Turns & Releases

50mm Dia. 5mm Thick



922 plain



923 keyhole



924 profile



925 oval



926 turn



927 large turn



928 emergency release

Finishes

- P.S.S. Polished Stainless Steel (Grade T316)
- S.S.S. Satin Stainless Steel (Grade T316)
- P.B. Polished Brass

The 100 range has an elegant appearance and a comfortable grip.

Manufactured and hand finished to the highest standards.

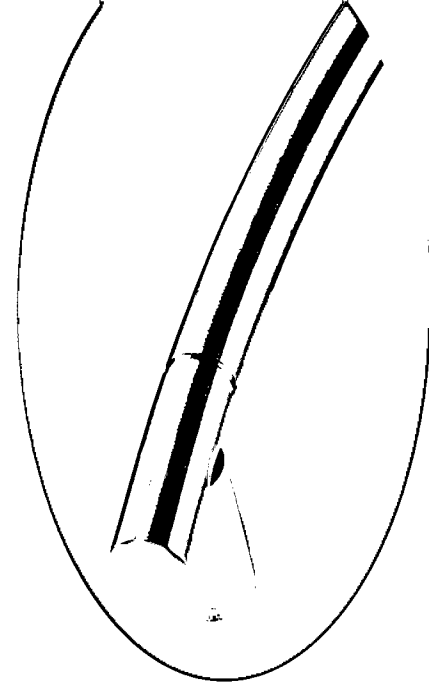
Available in Grade T316 Polished or Satin Stainless Steel and Polished Brass.

Textured grip available on the Polished Stainless Steel and Polished Brass finishes only.

With covered roses and backplates to suit the 71 & 72 series locks with 72mm centres and the 73 series lock with 49mm centres.

See our separate Ancillary Brochure for other products.

100 RANGE

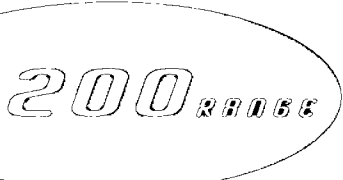


The 200 range is an elegantly curved innovative design.

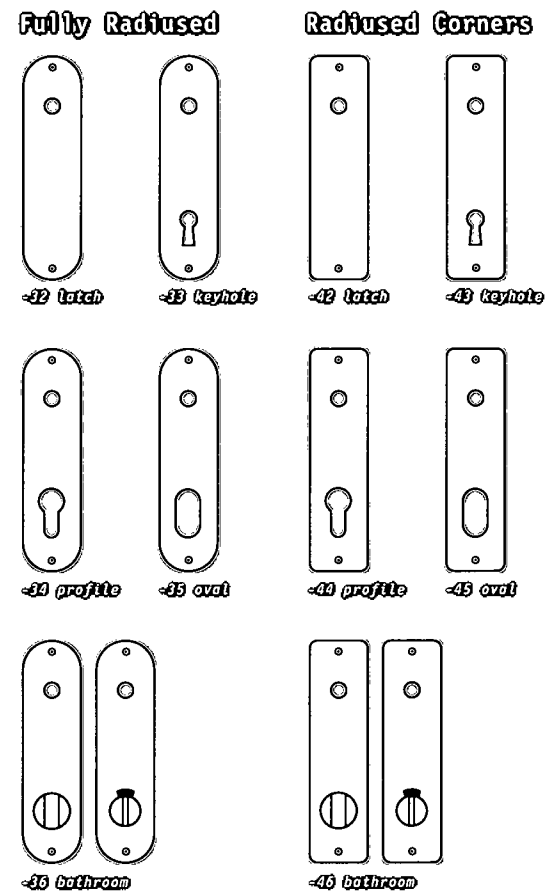
- Manufactured and hand finished to the highest standards.
- Available in Grade T316 Polished or Satin Stainless Steel and Polished Brass.
- Textured grip available on the Polished Stainless Steel and Polished Brass finishes only.
- With covered roses and backplates to suit the 71 & 72 series locks with 72mm centres and the 73 series lock with 49mm centres.
- See our separate Ancillary Brochure for other products.

Finishes

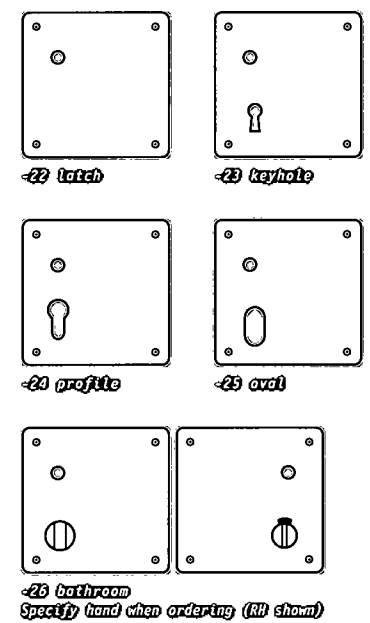
- P.S.S. Polished Stainless Steel (Grade T316)
- S.S.S. Satin Stainless Steel (Grade T316)
- P.B. Polished Brass



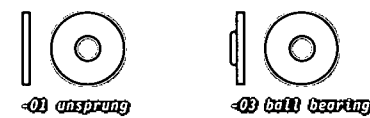
Backplates UNSPRUNG 200x42x3mm



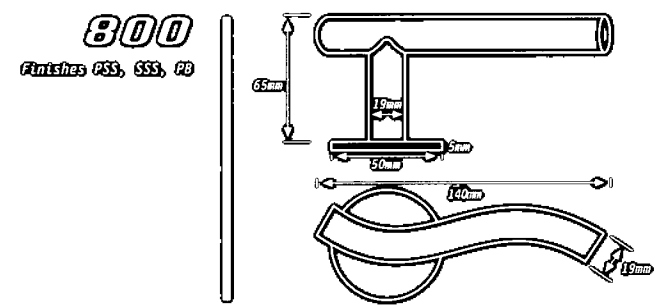
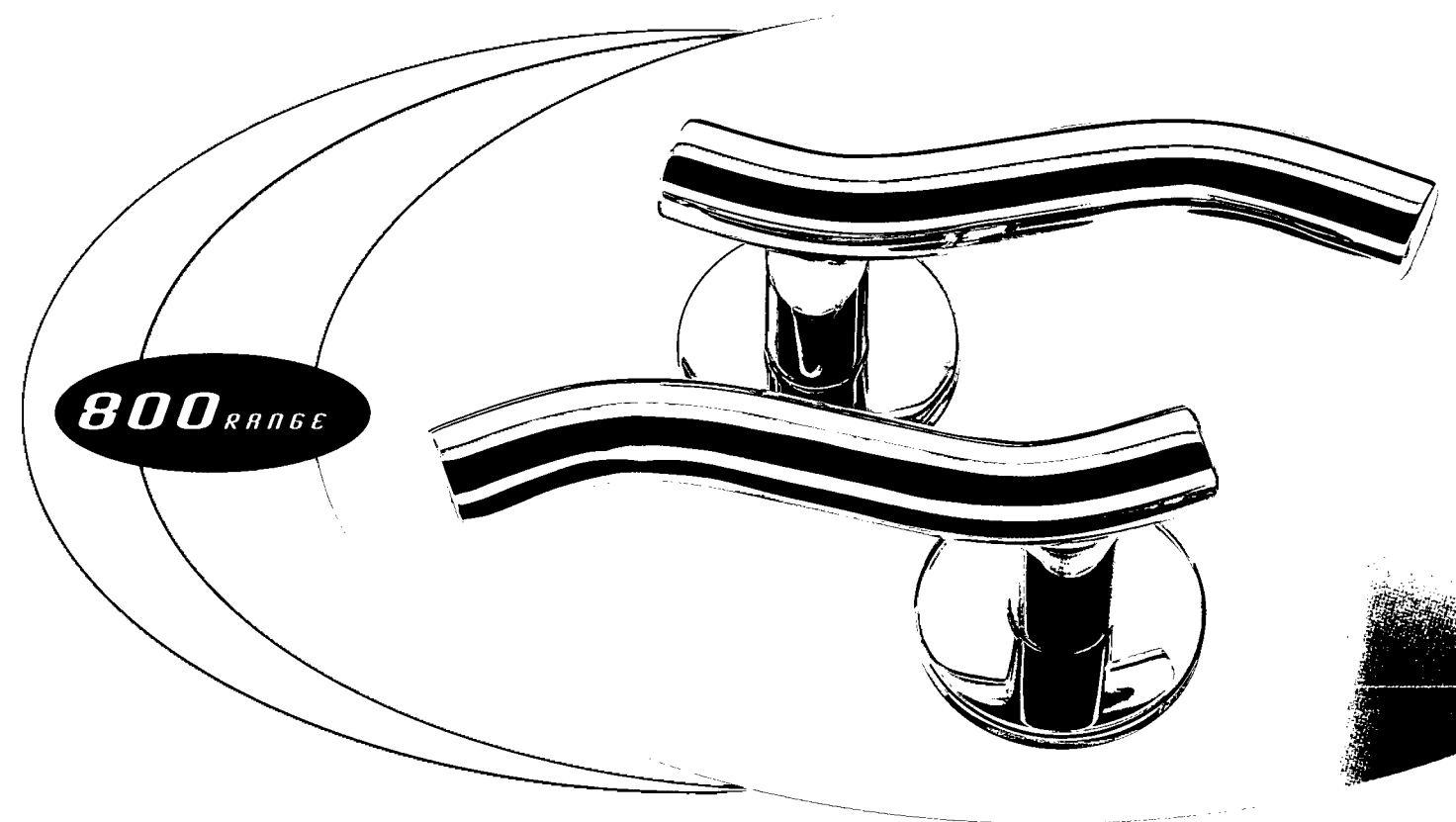
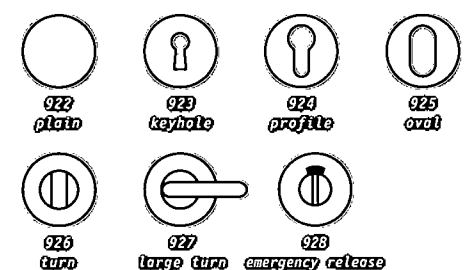
Backplates UNSPRUNG 150x150mm



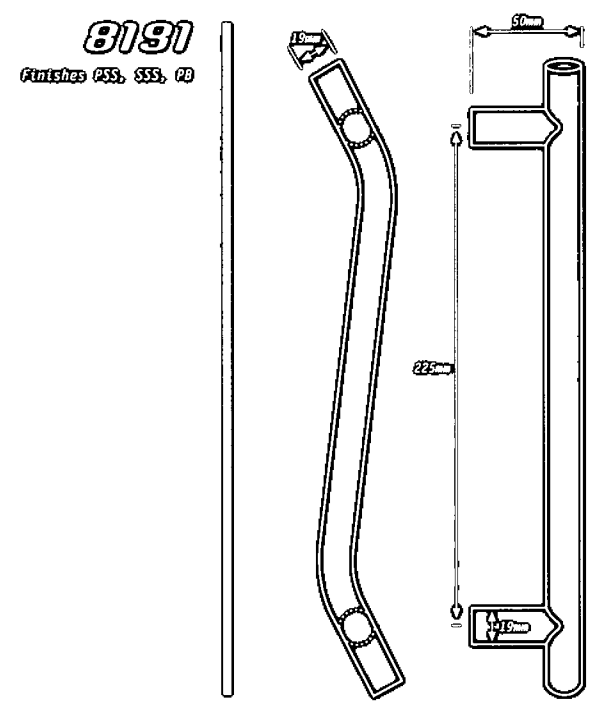
Roses 50mm Dia. 5mm Thick



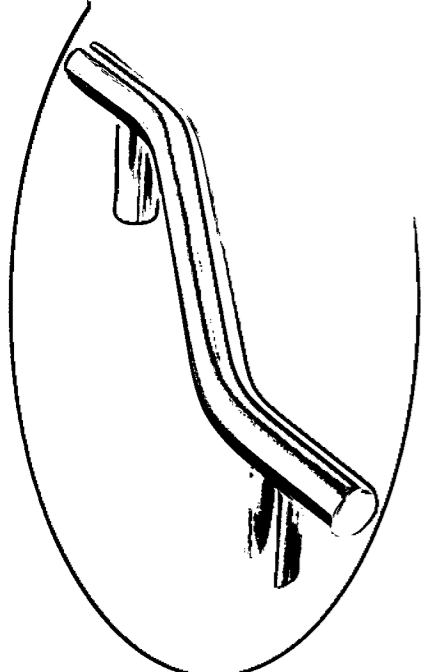
Escutcheons, Turns & Releases 50mm Dia. 5mm Thick



The lever handles above are shown on -01 unsprung roses, for alternative backplates see page opposite.
Fixing - Spindle fixed as standard. THROUGH FIXING - suffix 'TF' available on request.



Fixing - Bolt through fixing as standard. For alternative fixings see page 19.



The 800 range is an elegant contemporary design.

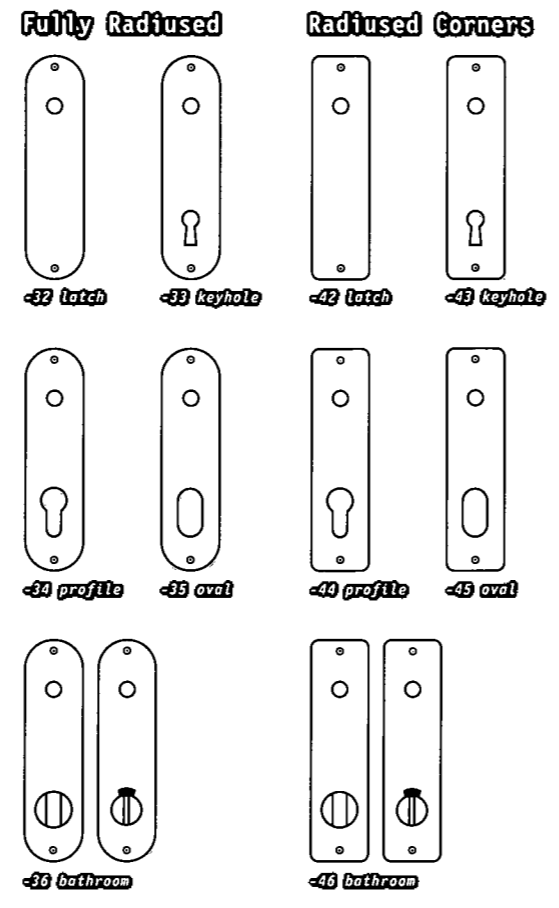
- Manufactured and hand finished to the highest standards.
- Available in Grade T316 Polished or Satin Stainless Steel and Polished Brass.
- With covered roses and backplates to suit the 71 & 72 series locks with 72mm centres and the 73 series lock with 49mm centres.
- See our separate Ancillary Brochure for other products.

Finishes

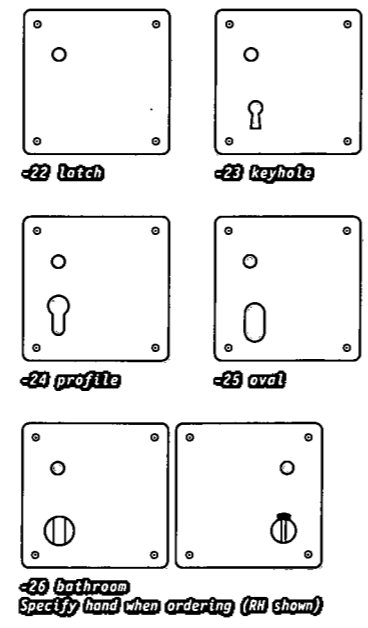
- P.S.S. Polished Stainless Steel (Grade T316)
- S.S.S. Satin Stainless Steel (Grade T316)
- P.B. Polished Brass

800 RANGE

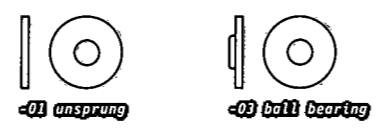
Backplates
UNSPRUNG
200x42x3mm



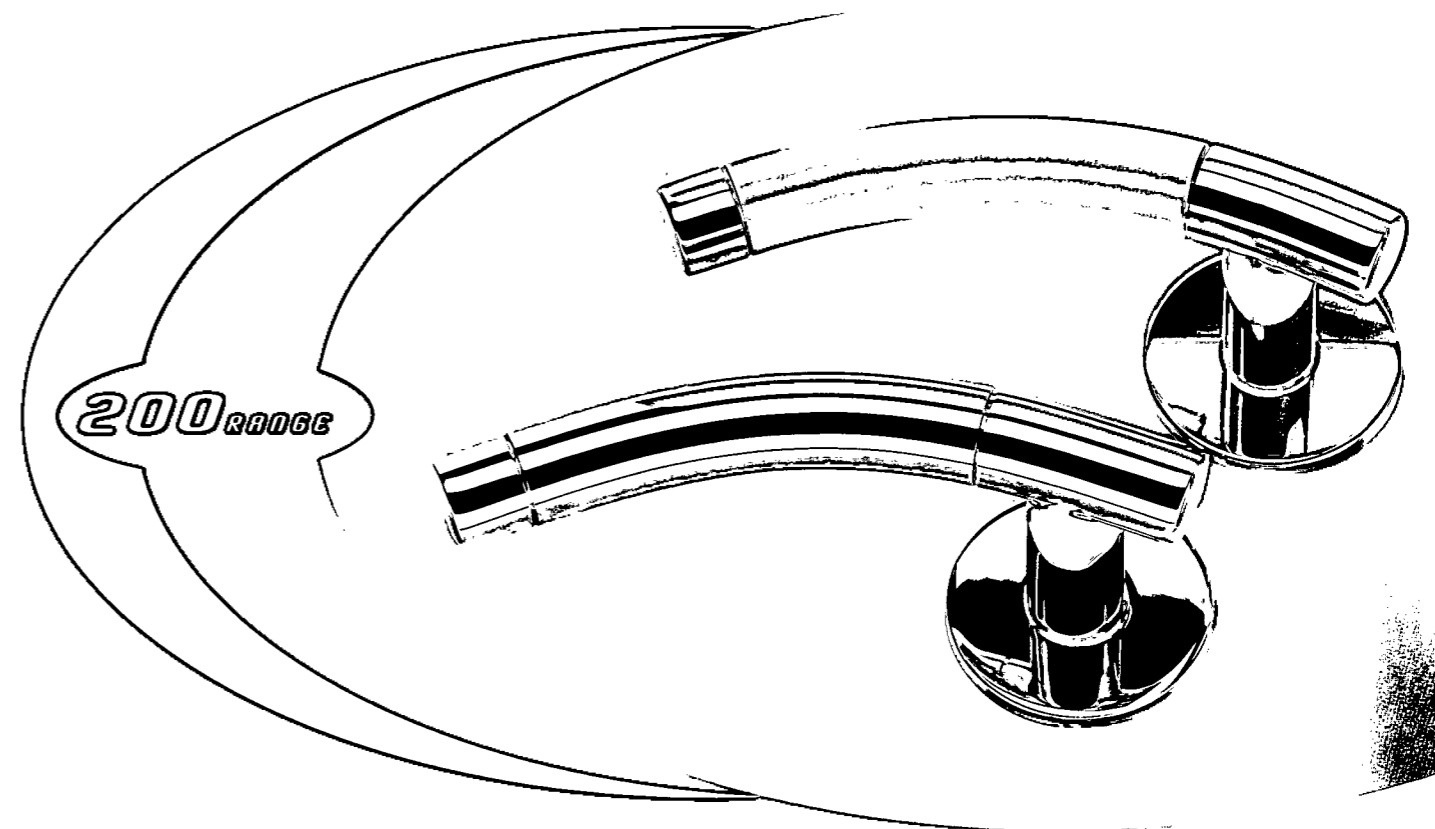
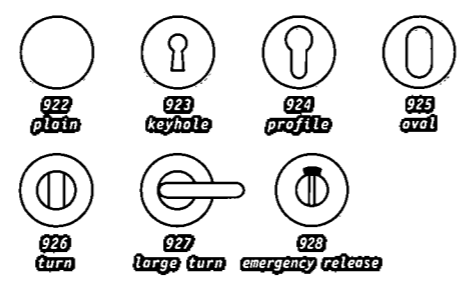
Backplates
UNSPRUNG
150x150mm



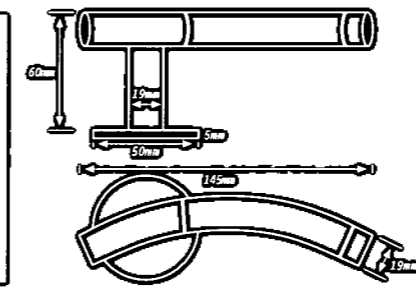
Roses
50mm Dia. 5mm Thick



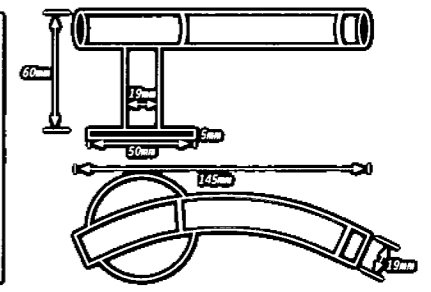
Escutcheons, Turns & Releases
50mm Dia. 5mm Thick



219
Finishes PSS, SSS, PB

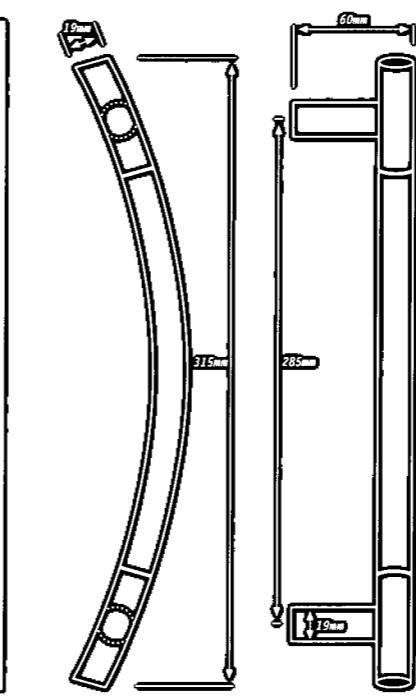


219T
Finishes PSS, PB

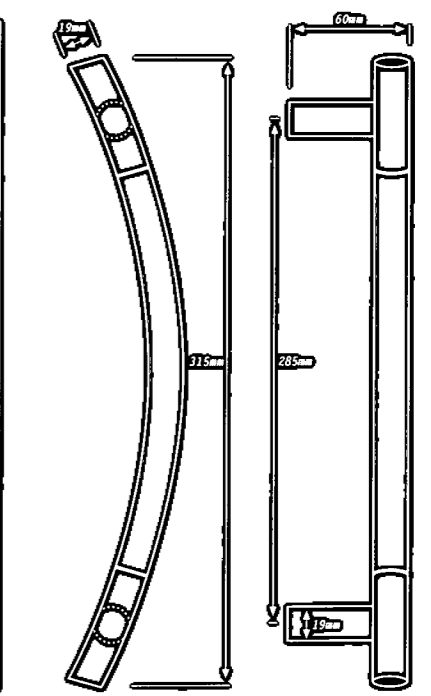


The lever handles above are shown on -01 unprung roses, for alternative backplates see page opposite.
Fixing - Spindle fixed as standard. THROUGH FIXING - suffix 'TF' available on request.

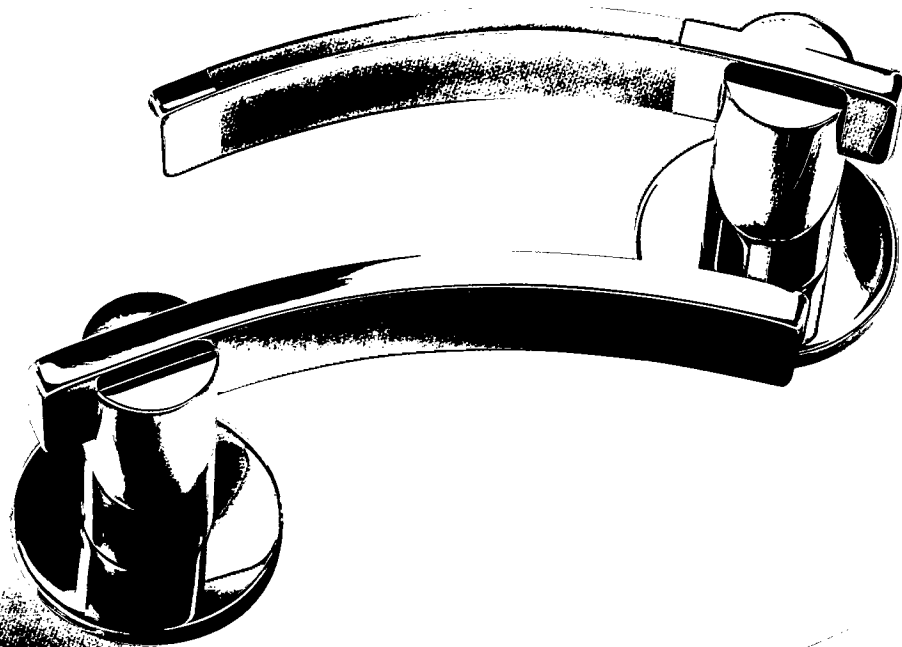
2191
Finishes PSS, SSS, PB



2191T
Finishes PSS, PB

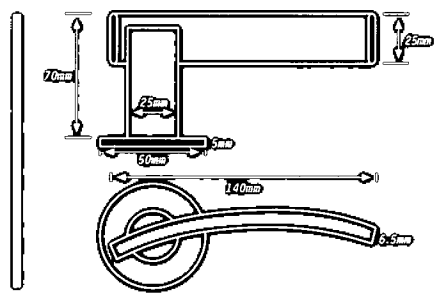


Fixing - Bolt through fixing as standard. For alternative fixings see page 19.

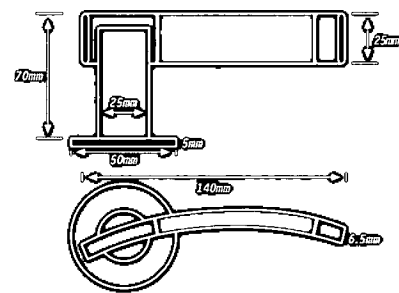


500 RANGE

500
Finishes PSS, SSS, PB

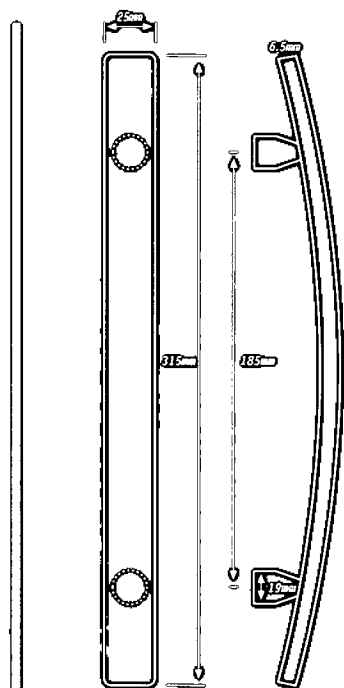


500T
Finishes PSS, PB

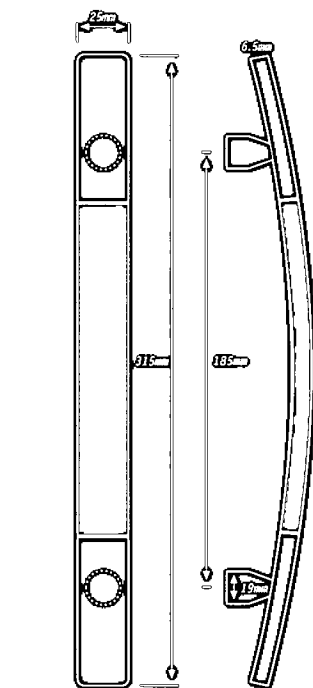


The lever handles above are shown on -01 unsprung roses, for alternative backplates see page opposite.
Fixing - Spindle fixed as standard. THROUGH FIXING - suffix 'TF' available on request.

5191
Finishes PSS, SSS, PB



5191T
Finishes PSS, PB

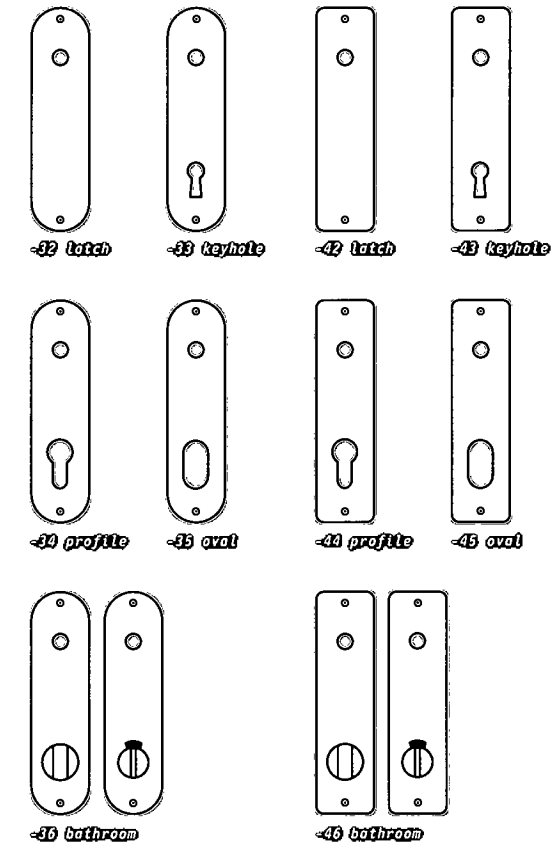


Fixing - Bolt through fixing as standard. For alternative fixings see page 19.

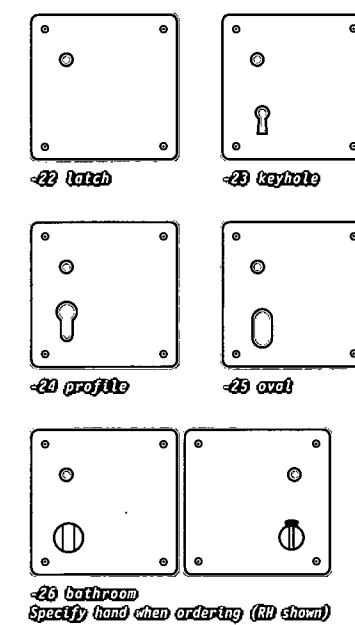
Backplates
UNSPRUNG
200x42x3mm

Fully Radiused

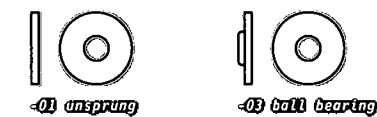
Radiused Corners



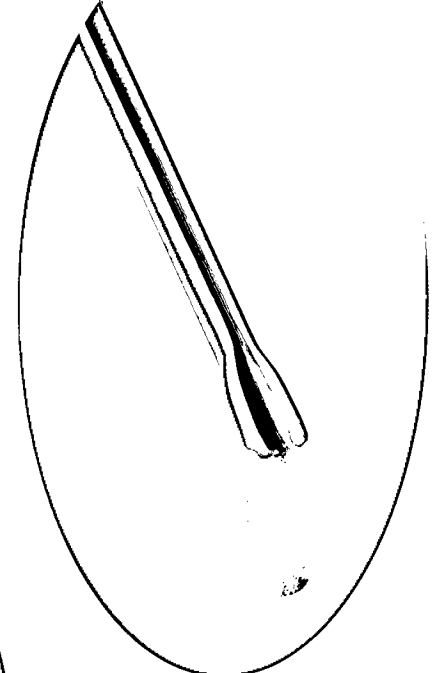
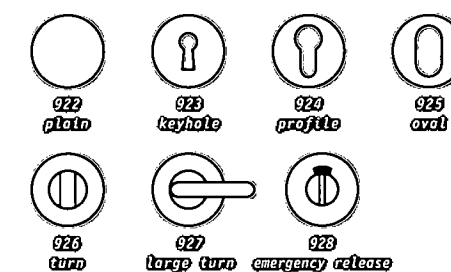
Backplates
UNSPRUNG
150x150mm



Roses
50mm Dia. 5mm Thick



Escutcheons, Turns & Releases
50mm Dia. 5mm Thick



The exclusive 700 range is innovatively designed.

- Manufactured and hand finished to the highest standards.
- Available in Grade T316 Polished or Satin Stainless Steel.
- With covered roses and backplates to suit the 71 & 72 series locks with 72mm centres and the 73 series lock with 49mm centres.
- See our separate Ancillary Brochure for other products.

Finishes

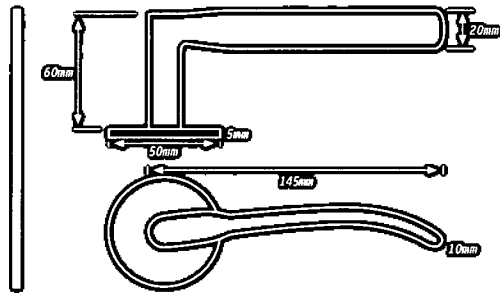
- P.S.S. Polished Stainless Steel (Grade T316)
- S.S.S. Satin Stainless Steel (Grade T316)

700 RANGE



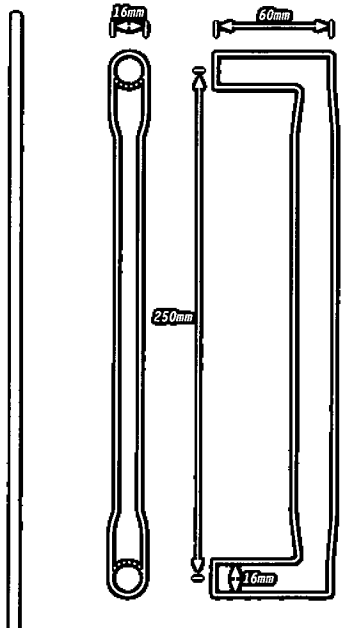
700 RANGE

700
Finishes PSS, SSS

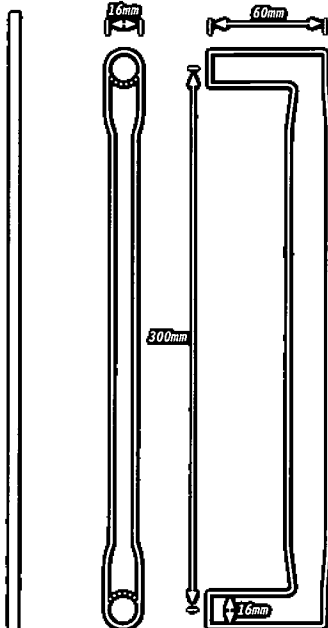


The lever handles above are shown on -01 unsprung roses, for alternative backplates see page opposite.
Fixing - Spindle fixed as standard. THROUGH FIXING - suffix 'TF' available on request.

7161
Finishes PSS, SSS



7162
Finishes PSS, SSS

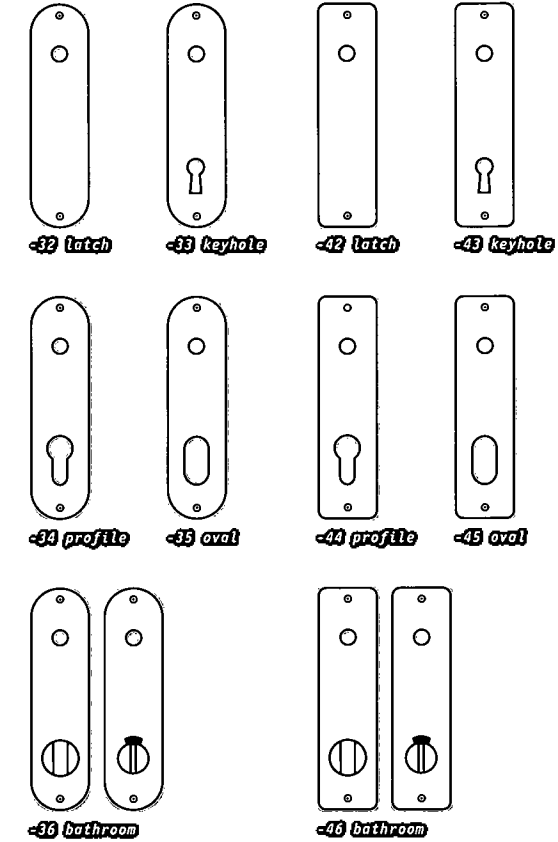


Fixing - Bolt through fixing as standard. For alternative fixings see page 19.

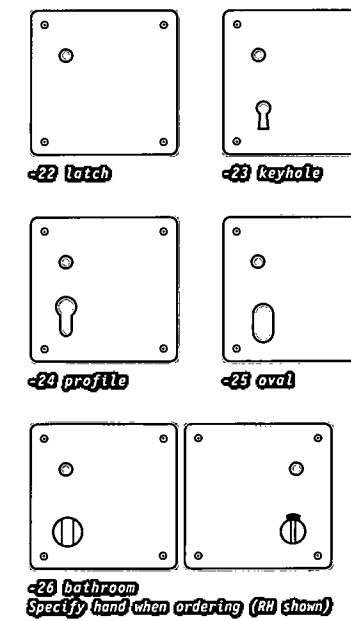
Backplates
UNSPRUNG
200x42x3mm

Fully Radiused

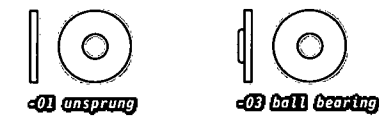
Radiused Corners



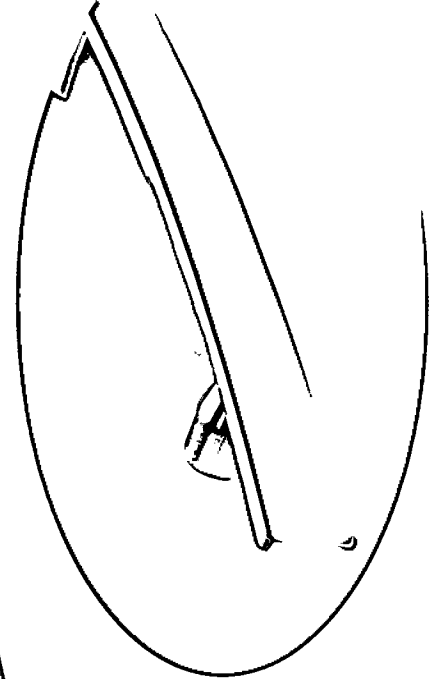
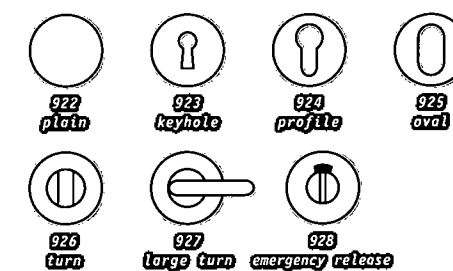
Backplates
UNSPRUNG
150x150mm



Roses
50mm Dia. 5mm Thick



Escutcheons, Turns & Releases
50mm Dia. 5mm Thick



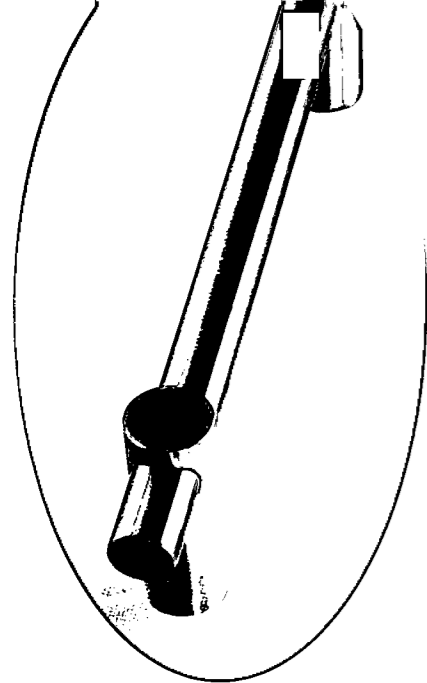
The 500 range is modern and ergonomically designed.

- Manufactured and hand finished to the highest standards.
- Available in Grade T316 Polished or Satin Stainless Steel and Polished Brass.
- Textured grip available on the Polished Stainless Steel and Polished Brass finishes only.
- With covered roses and backplates to suit the 71 & 72 series locks with 72mm centres and the 73 series lock with 49mm centres.
- See our separate Ancillary Brochure for other products.

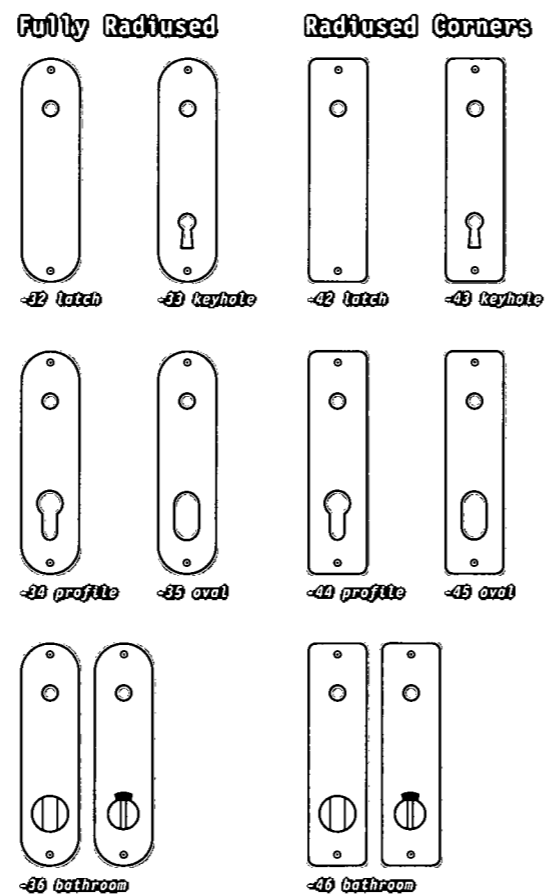
Finishes

- P.S.S. Polished Stainless Steel (Grade T316)
- S.S.S. Satin Stainless Steel (Grade T316)
- P.B. Polished Brass

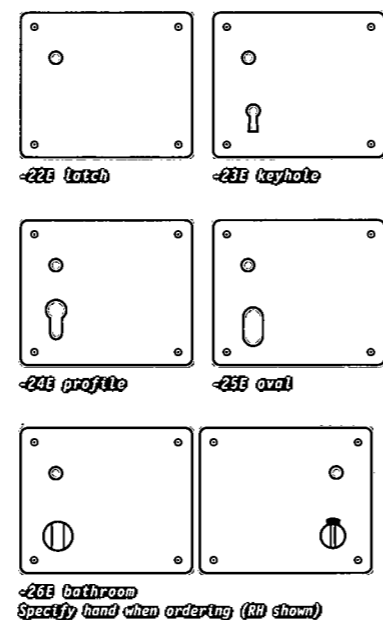




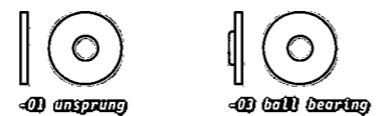
Backplates
UNSPRUNG
200x42x3mm



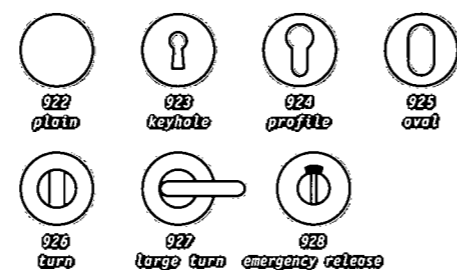
Backplates
UNSPRUNG
150x175mm



Roses
50mm Dia. 5mm Thick



Escutcheons, Turns & Releases
50mm Dia. 5mm Thick



The 600 range with its clean cut design has an aesthetic appeal .

· Manufactured and hand finished to the highest standards.

· Available in Grade T316 Polished or Satin Stainless Steel and Polished Brass.

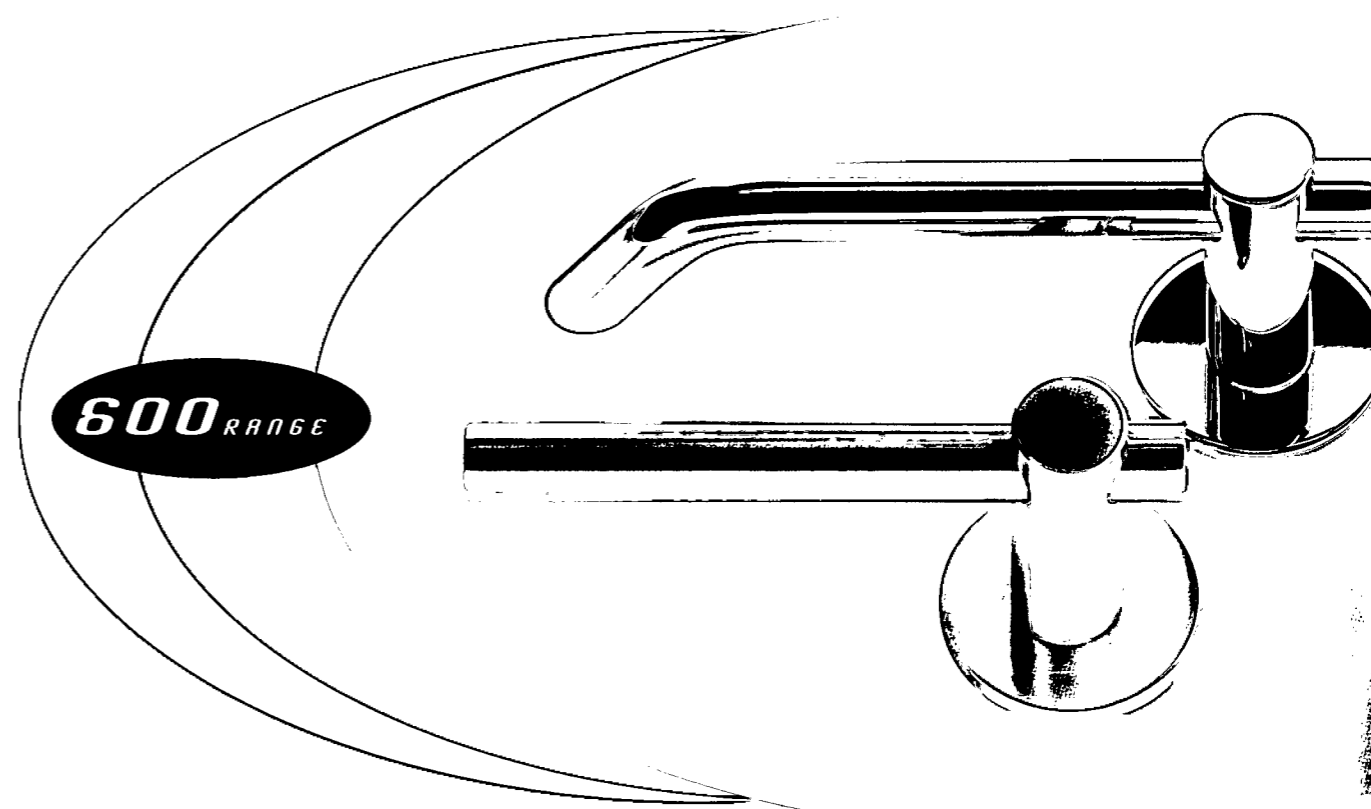
· With covered roses and backplates to suit the 71 & 72 series locks with 72mm centres and the 73 series lock with 49mm centres.

· See our separate Ancillary Brochure for other products.

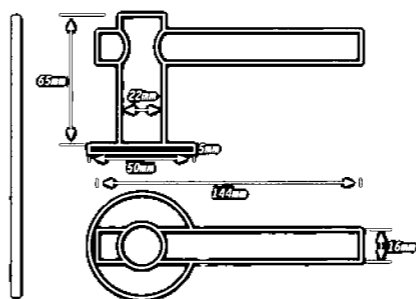
Finishes

- P.S.S. Polished Stainless Steel (Grade T316)
- S.S.S. Satin Stainless Steel (Grade T316)
- P.B. Polished Brass

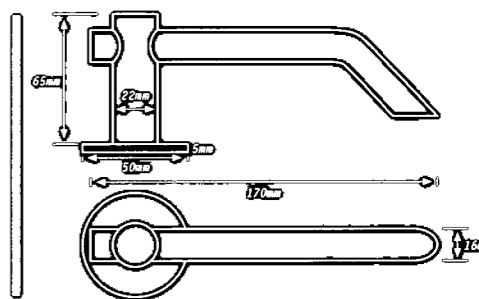
600 RANGE



616S
Finishes (PSS, SSS, PB)

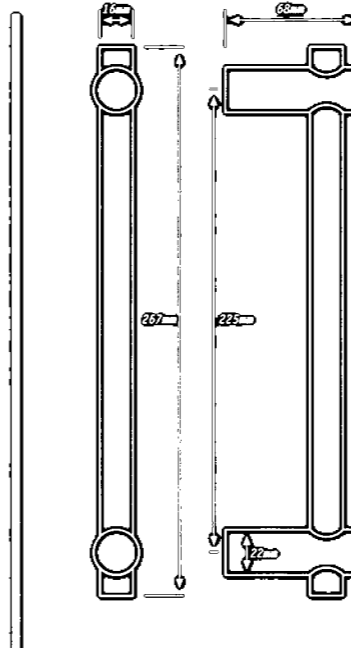


616R
Finishes (PSS, SSS, PB)

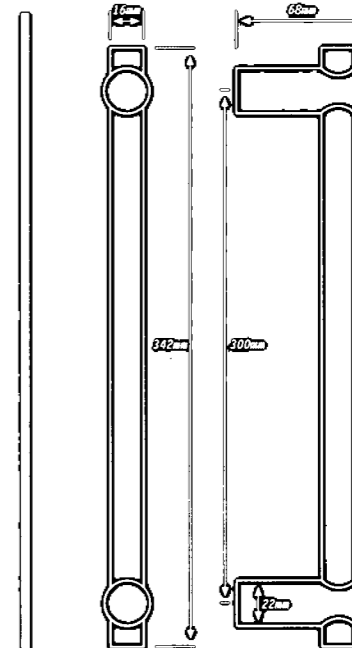


The lever handles above are shown on -01 unsprung roses, for alternative backplates see page opposite.
Fixing - Spindle fixed as standard. THROUGH FIXING - suffix 'TF' available on request.

6161
Finishes (PSS, SSS, PB)



6162
Finishes (PSS, SSS, PB)



Fixing - Bolt through fixing as standard. For alternative fixings see page 19.



FIRE

protection

CLIFTONHALL ROAD, NEWBRIDGE
INDUSTRIAL ESTATE, NEWBRIDGE, EH28 8NE
TEL: 0131 333 8000 FAX: 0131 333 8002

OPERATION & MAINTENANCE MANUAL
FOR
MORRISON CONSTRUCTION
AT
FUNICULAR RAILWAY
CAIRNGORMS

WORK PACKAGE TITLE

FIRE PROTECTION

TRADE CONTRACTOR

RD FIRE PROTECTION LTD
CLIFTONHALL ROAD
NEWBRIDGE INDUSTRIAL ESTATE
NEWBRIDGE
EH28 8NE

TELEPHONE
FAX

0131 333 8000
0131 333 8002

COMPILED BY
OUR REF:
DATE:

Personal Data Redacted
ADMIN/O&M/CAIRNGORMS
16 OCTOBER 2001

SECTION A

LIST OF CONTENTS

SECTION	SECTION NAME
B.	Introduction
C.	Materials, Products and Finishes Directory
D.	Product Data
E.	As Built Drawings
F.	Maintenance and Cleaning Instructions
G.	Fire Certificates

SECTION B

SCOPE OF WORKS

1. To supply and apply Leigh's M77 intumescent paint and Leigh's M71 topseal to internal supporting steelwork in bottom station to achieve 30 minute fire rating and top station to achieve 60 minute fire rating.
2. To supply and apply Leigh's M79 intumescent paint and Leigh's C137 topseal to exposed track support steelwork in bottom station to achieve 30 minute fire rating and top station to achieve 60 minute fire rating.

SECTION C

MATERIALS, PRODUCTS & FINISHES DIRECTORY

See attached.

MATERIALS, PRODUCTS & FINISHES DIRECTORY

	MATERIAL	MANUFACTURER	LOCATION USED	MAINTENANCE	REPAIRS
1	Leigh's M77 intumescent paint	Leigh's Paints Tower Works Kelston Street Bolton TEL: 01204 521771	Internal supporting beams and columns, to achieve 30 minute fire rating in bottom station and 60 minute fire rating in top station.	No maintenance required if left undisturbed.	Cut out damaged section to nearest joint and reapply intumescent to same thickness.
2	Leigh's M79 intumescent paint	Leigh's Paints Tower Works Kelston Street Bolton TEL: 01204 521771	Exposed railtrack supporting beams and columns, to achieve 30 minute fire rating in bottom station and 60 minute fire rating in top station.	No maintenance required if left undisturbed.	Cut out damaged section to nearest joint and reapply intumescent to same thickness.
3	Leigh's M71 finish White	Leigh's Paints Tower Works Kelston Street Bolton TEL: 01204 521771	Paint finish to internal supporting steelwork.	The paint finish should be inspected every 5 years with damage touched up. Recoating will only be required for aesthetic reasons.	Prepare and spot prime damaged areas with Leigh's M539 and recoat with Leigh's C137 by brush.
4	Leigh's C137 epoxy finish Bottom station BS16D45 Top station RAL7047	Leigh's Paints Tower Works Kelston Street Bolton TEL: 01204 521771	Paint finish to exposed rail track supporting steelwork.	The paint finish should be inspected every 3 years, with damage touched up immediately it is noticed. First maintenance will be at 5 years.	Prepare and spot prime damaged areas with Leigh's M539 and recoat with Leigh's C137 by brush.

SECTION D

PRODUCT DATA / SAFETY DATA

1. Leigh's M77
2. Leigh's M79
3. Leigh's C137
4. Leigh's M71

SECTION E

AS FITTED DRAWINGS

We confirm the latest construction issue of fire protection drawings represent the As Fitted drawings

SECTION F

MAINTENANCE & CLEANING INSTRUCTIONS

Please refer back to Section C, Materials, Products and Finishes Directory for information on maintenance and cleaning.

SECTION G

FIRE CERTIFICATES

Attached

Fire Certificate



FIRE
protection

Certificate No: S / 2199

This is to certify that

RD FIRE PROTECTION LTD

has applied the system below in accordance with the manufacturers specifications and recommendations

Sufficient quantity of LOIGON M79 FIRETEX Fire Protection

tested in accordance with BS476 Part 6 7 20

to treat

62 Sq metres of STEELWORK

Location TOP STATION TRACK SUPPORT

in accordance with the relative Hp/A factors/Coating thicknesses

SECTION	Hp/A	DFT mm	SECTION	Hp/A	DFT mm	SECTION	Hp/A	DFT mm
/								

at the site detailed below to achieve

CLASS 1 CLASS 0 1/2 HOUR 1 HOUR 1.5 HOUR 2 HOUR 3 HOUR 4 HOUR

to comply with the Building Regulations

Contractor name and address
MORRISON CONSTRUCTION
37 HARBOUR ROAD
INVERNESS

Client, name and address
HIGHLAND ISLANDS
ENTERPRISE
BRIDGE HOUSE
20 BRIDGE STREET
INVERNESS

Personal Data Redacted

SIGNED

DATE 16/10/01



Rigby Taylor Limited
Newbridge Industrial Estate
Newbridge • Midlothian
EH28 8LE
Tel: (0131) 333 3344
Fax: (0131) 333 3399

Visit us at
rigbytaylor.com

Our Ref: MD/SP

Mr MacLennan
Morrison Construction Limited
37 Harbour Road
Inverness
IV1 1UA

MORRISON CONSTRUCTION LTD. 37 HARBOUR ROAD, INVERNESS			
28 MAY 2002			
LOG	COPIES	INFO	ACTION

Dear Mr MacLennan

Re: **Safety Data Sheet (Cairngorm Funicular Railway 4677)**

Further to your recent letter please find enclosed the Safety Data Sheet you require –

- Mascot Microcal
- Seed Aide Mulching Granules
- Mascot Organic Liquids Cocktail
- Maxicrop Eco-Changes
- Outfield Fertiliser 10-15-10
- Planting Plus 5-18-10+8%Mg
- Agriland Emerald

Personal Data Redacted



E. & O.E.

MATERIAL SAFETY DATA SHEET

PROFILE Products LLC
750 Lake Cook Road, Suite 440
Buffalo Grove, IL 60089
(847) 215-1144 (8:00 AM to 5:00 PM CST)



Section I. Product Identification

Product Name: **SEED AIDE MULCHING GRANULES**

Section II. Hazardous Ingredients

	NIOSH	ACGIH
Triarylmethane (CAS NO. 18015-76-4) (Basic Green 4)	380 MG/KG	Ingestion

Section III. Physical Data

BOILING POINT:	N/A	Vapor Pressure:	N/A
SPECIFIC GRAVITY:	1.0531	Vapor Density:	N/A
MELTING POINT:	N/A	Evaporation Rate:	N/A
SOLUBILITY IN WATER:	Slight to insoluble		
APPEARANCE & ODOR:	Dark green with no odor		

Section IV. Fire and Explosion Hazard Data

FLASH POINT: N/A Flammable Limits: N/A
EXTINGUISHING MEDIA: Water
FIRE FIGHTING PROCEDURES: Normal
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

Section V. Reactivity Data

STABILITY: Stable
CONDITIONS TO AVOID: Avoid strong oxidizers
INCOMPATIBILITY (Materials to avoid): Avoid strong oxidizers
POLYMERIZATION: Will not occur

The information, data, and recommendations contained herein are believed to be accurate. PROFILE makes no warranty of any kind whatever with respect thereto and disclaims all liability from reliance thereon.

May 15, 2001 7:41AM

PROTIF PRODUCTS
0120437765

SEED AIDE MULCHING GRANULES

Section VI. Health Hazard Data

ROUTES OF ENTRY: Ingestion. Avoid and call a physician. Observe for development of allergic reactions.

CARCINOGEN: OSHA - No IARC MONOGRAPHS - No NPT - No

SYMPTOMS OF EXPOSURE: None

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Allergies, Dermatitis

ST AID: Use water to cleanse area. Contact physician if allergic reactions occur within 0-2 hours.

PRECAUTIONS FOR SAFE HANDLING AND USE: Wear appropriate clothing to prevent skin contact, goggles for eyes, gloves for hands.

Section VII. Spill, Leak and Disposal Information

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up spilled debris. Absorb and sweep up/collect; avoid inhalation and/or ingestion of any dust.

WASTE DISPOSAL METHOD: No special disposal method - standard landfill. Dispose according to legal state and federal requirements.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: No special requirement except on container damage.

Abbreviations:

N.A.: Not Applicable

N.E.: None Established

UNK: Unknown

R.Q.: Reportable Quantity TPO: Threshold Planning Quantity

LEPC: Local Emergency Planning Committee

SERC: State Emergency Response Commission

EHS: Extremely Hazardous Substance

SARA: Superfund Amendments and Reauthorization Act

CERCLA: Comprehensive Environmental Response, Compensation and Liability Act

RCRA: Resource Conservation and Recovery Act

PRODUCT SAFETY DATA SHEET

RIGBY TAYLOR LTD
RIGBY TAYLOR HOUSE
GARSIDE STREET
BOLTON
LANCS BL1 4AE
TEL 01204 394888

IDENTIFICATION:
PRODUCT - MASCOT ORGANIC LIQUIDS

2. COMPOSITION / INFORMATION ON INGREDIENTS:

Mascot Organic Cocktail: 70% Fermented and separated liquid cow manure plus 30% seaweed extract.

Mascot Organic Liquid Green: Fermented and separated cow manure plus added iron in chelated form.

Contains no Hazardous ingredients.

3. HAZARDS IDENTIFICATION:

Not classified as hazardous. Unlikely to cause harmful effects with normal handling and use.

4. FIRST-AID MEASURES:

Eye Contact:

Irrigate with water thoroughly

Skin Contact:

Wash exposed skin with soap and water thoroughly

Ingestion:

Seek medical advice

Inhalation:

Not likely to represent a problem by this route.

5. FIRE-FIGHTING MEASURES:

Non flammable, Non combustible.

6. ACCIDENTAL RELEASE MEASURES:

Deal with spillages promptly. Soak up with absorbent material such as sand or earth. Do not allow to enter drains. If accidental contamination occurs inform local water authority immediately.

7. HANDLING AND STORAGE:

7.1 HANDLING:

Read the label before use. When using do not eat, drink or smoke. Wash hands and face before eating, drinking or smoking. Ensure elementary hygiene standards are maintained i.e. wash hand after work.

**PRODUCT SAFETY DATA SHEET MASCOT
ORGANIC LIQUIDS
Continued:**

2 of 2

7.2 STORAGE:

Store in original containers in a well ventilated, cool store away from pesticides. Avoid storing under high temperature conditions

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

We recommend the use of coveralls and protective gloves when handling these products in the interest of standard hygiene practices.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Form: Liquid
Colour: Brown
Odour: Cow manure

10. STABILITY AND REACTIVITY:

Stable under normal use and storage conditions

11. TOXICOLOGICAL INFORMATION:

Of low toxicity. Not classified as hazardous.

12. ECOLOGICAL INFORMATION:

Avoid contamination of water courses.

13. DISPOSAL CONSIDERATIONS:

Depending on degree of contamination dispose of on open ground or via a disposal contractor.

Do not allow to enter water courses.

14. TRANSPORT INFORMATION:

Not restricted. Not classified as hazardous.

15. REGULATORY INFORMATION:

Not applicable. Not considered as being hazardous to users.

Prepared by Rigby Taylor Ltd, for Health and Safety purposes, from the best knowledge available. No responsibility is accepted that this information is sufficient or correct at all times.

Date: SEPT 95

MATERIAL SAFETY DATA SHEET

**RIGBY TAYLOR LTD
RIGBY TAYLOR HOUSE
GARSIDE STREET
BOLTON
LANCS BL1 4AE
TEL 0204 394888**

PRODUCT - MASCOT MICROCAL

USE

Mini granular Calcium Carbonate.
pH adjustment in soil and turf.

APPEARANCE/PACKAGING

Buff coloured mini granule. 25 kg bag.

INGREDIENTS

High quality limestone containing 98.67% Calcium Carbonate, IV : 55.5.

STORAGE

Store in original container tightly closed in a dry place, away from pesticides, fuels, combustible materials. Prevent dampness solidifying product.

FIRE RISK

Nil as product is non combustible and non flammable.
Decomposes to evolve Carbon Dioxide when exposed to heat.

SPILLAGE/DISPOSAL

Sweep up spill, avoid excessive dust formation. Dispose of as for normal non toxic waste.

TOXICITY

Avoid excessive generation of dust.
May irritate eyes due to gritty nature of product.
May cause skin to dry out with continual handling.
Minor intake is harmless, major intake is impossible under use conditions.

Occupational Exposure Standards:

Total Inhalable Dust, Long Term Exposure Limit (8 Hour Time Weighted Average) 10 mg m⁻³.

Total Respirable Dust, Long Term Exposure Limit (8 Hour Time Weighted Average) 5 mg m⁻³.

FIRST AID

Eye Contact. Irrigate eyes for at least 15 minutes with water.

Skin Contact. Wash hands and exposed skin.

Inhalation. Remove from source of exposure, rest and keep warm.

MATERIAL SAFETY DATA SHEET

Continued:

MASCOT MICROCAL:

pg 2 of 2

PRECAUTIONS/PROTECTIVE CLOTHING REQUIREMENTS

Wear goggles if eyes are particularly at risk.

Ensure that normal standards of hygiene are practised i.e. wash hands and exposed after work and before meals. Avoid generation of dust. Wear protective gloves if continually handling the product.

Prepared by Rigby Taylor Ltd, for Health and Safety purposes, from the best knowledge available. No responsibility is accepted that this information is sufficient or correct at all times.

Date: 21/2/92

Safety Data Sheet

1. IDENTIFICATION OF SUBSTANCE OR PREPARATION <p style="text-align: center;">Emerald</p>	2. COMPOSITION / INFORMATION ON INGREDIENTS Proprietary blend of polymers												
3. HAZARDS IDENTIFICATION													
4. FIRST AID MEASURES <table border="0" style="width: 100%;"> <tr> <td style="width: 33%; vertical-align: top;"> Inhalation Remove patient to fresh air. </td> <td style="width: 33%; vertical-align: top;"> Skin Contact Flush with plenty of water and remove contaminated clothing and seek medical attention. </td> <td style="width: 33%; vertical-align: top;"> Eye Contact Irrigate the eye with water or eye wash solution for at least 10 minutes and seek medical attention. </td> </tr> <tr> <td style="vertical-align: top;"> Ingestion Give milk or water as a diluent. 15 mls per kilo of body weight to a maximum of 200-300 mls and seek immediate medical attention. </td> <td colspan="2" style="vertical-align: top;"> Notes to Physician Treat as symptomatic. </td> </tr> </table>		Inhalation Remove patient to fresh air.	Skin Contact Flush with plenty of water and remove contaminated clothing and seek medical attention.	Eye Contact Irrigate the eye with water or eye wash solution for at least 10 minutes and seek medical attention.	Ingestion Give milk or water as a diluent. 15 mls per kilo of body weight to a maximum of 200-300 mls and seek immediate medical attention.	Notes to Physician Treat as symptomatic.							
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5. FIRE FIGHTING MEASURES Material is not flammable. Use any suitable fire fighting medium.													
6. ACCIDENTAL RELEASE MEASURES Absorb large spillages with sand or any suitable medium. Dispose of according to local authority guidelines. Small spillages may be flushed away with water. Avoid washings entering water courses. Do not allow product to enter eyes.													
7. HANDLING AND STORAGE <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> Handling Avoid skin and eye contact. </td> <td style="width: 50%; vertical-align: top;"> Storage Store at ambient temperatures. Keep from freezing. </td> </tr> </table>		Handling Avoid skin and eye contact.	Storage Store at ambient temperatures. Keep from freezing.										
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9. PHYSICAL AND CHEMICAL PROPERTIES <table border="0" style="width: 100%;"> <tr> <td style="width: 25%; vertical-align: top;"> Appearance Clear Brown Viscous Liquid </td> <td style="width: 25%; vertical-align: top;"> Odour Distinctive </td> <td style="width: 25%; vertical-align: top;"> pH 8-8 </td> <td style="width: 25%; vertical-align: top;"> pH of 0.5% 6-8 </td> </tr> <tr> <td style="vertical-align: top;"> Boiling Point Not determined </td> <td style="vertical-align: top;"> Melting Point Not determined </td> <td colspan="2" style="vertical-align: top;"> Flash Point No measureable flash point </td> </tr> <tr> <td style="vertical-align: top;"> Vapour Pressure Not determined </td> <td style="vertical-align: top;"> Relative Density 0.925 ± 0.010 </td> <td colspan="2" style="vertical-align: top;"> Solubility in Water Soluble </td> </tr> </table>		Appearance Clear Brown Viscous Liquid	Odour Distinctive	pH 8-8	pH of 0.5% 6-8	Boiling Point Not determined	Melting Point Not determined	Flash Point No measureable flash point		Vapour Pressure Not determined	Relative Density 0.925 ± 0.010	Solubility in Water Soluble	
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Intracrop
 Division of Brian Lewis Agriculture Ltd.
 Ryemoor Farm, Melmerby,
 Near Leyburn North Yorkshire DL 8 4TW.

Tel 01969 640655 Fax 01969 640633

Version:

01638 500635

10. STABILITY AND REACTIVITY

Conditions to Avoid
Extremes of temperature

Materials to Avoid
None known

Hazardous Decomposition Products
None known

11. TOXICOLOGY INFORMATION

Skin Contact
Not considered toxic by skin contact

Eye Contact
Irritation to the eye may occur

Ingestion
May cause nausea.
No toxic effect expected.
Irritation to the digestive system can occur.

12. ECOLOGICAL INFORMATION

Should not present an ecological hazard

13. DISPOSAL CONSIDERATIONS

Can be disposed by flushing away with water. For large quantities seek advice from specialist waste disposal company.

14. TRANSPORT INFORMATION

UN No

IMDG

ICAO / IATA

ADR

Proper Shipping Name

Additional Information

15. REGULATORY INFORMATION

Symbol

R-phrases

S-phrases
Keep locked up and out of the reach of children.
In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

Additional Information

Refer to National Legislation for specific measures that may be relevant.

16. OTHER INFORMATION

The information given in this safety data sheet is based on knowledge available at the time of compilation and is intended to describe the product only in terms of health and safety requirements. It does not signify any warranty with regard to specific properties or specifications.

Intracrop
Division of Brian Lewis Agriculture Ltd.
yemoor Farm, Melmerby,
Near Leyburn North Yorkshire DL 8 4TW.

Tel 01969 640655 Fax 01969 640633

Version:

RIGBY TAYLOR LTD

PRODUCT SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE:

PRODUCT: OUTFIELD FERTILISER RANGE 7.7.7, 9.7.7, 10.15.10, 6.9.6, 3.12.12, 12.6.6

**RIGBY TAYLOR LTD
RIGBY TAYLOR HOUSE
GARSIDE STREET
BOLTON
LANCASHIRE
BL1 4AE**

Tel: 01204 394888

Fax: 01204 385276

2. COMPOSITION/INFORMATION ON INGREDIENTS:

Product Description: Full granular fertilisers for use on coarse turf containing Mono-Ammonium Phosphate, Single Superphosphate, Ammonium Sulphate, Potash, Amorphous Silica. For use in coarse turf situations only.

3. HAZARDS IDENTIFICATION:

Not classified as hazardous. Unlikely to cause harmful effects with normal handling and use.

4. FIRST AID MEASURES:

Ingestion: Do not induce vomiting. Rinse mouth out, give water to drink. Obtain medical attention if more than small quantities have been swallowed.

Eye Contact: Irrigate eyes with copious amounts of water or eyewash solution for 15 minutes at least. Obtain medical attention if irritation persists.

Skin Contact: Wash affected area with soap and water. If irritation persists seek medical attention.

Inhalation: Remove from source of exposure. Keep warm and at rest. Persons who have inhaled decomposition gases (e.g. in a fire) should obtain medical attention immediately and be kept under observation for at least 48 hours.

5. FIRE FIGHTING MEASURES:

Hazardous combustion products: If strongly heated may evolve irritant fumes. Inhalation of decomposition gases (e.g. in a fire) may cause serious lung effects.

Protection of fire fighters: Wear self-contained breathing apparatus.

Additional Information: When fertiliser is directly involved in a fire: 1/ Avoid breathing fumes wear approved respirator. 2/ Call fire brigade. 3/ Use plenty of water. 4/ Do not allow molten fertiliser to enter watercourse, inform local water authority if watercourses are contaminated.

6. ACCIDENTAL RELEASE MEASURES:

Environmental Precautions: Inform local water authority if accidental contamination occurs.

Clean-up Method: Spillages should be swept up immediately. Place in labelled container for disposal.

<p style="text-align: center;">PRODUCT SAFETY DATA SHEET: OUTFIELD FERTILISER RANGE</p>
--

<p>7. HANDLING & STORAGE:</p>
--

<p>Handling: Read the label before use. When handling do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking. Avoid the generation of excessive dust. Avoid unnecessary exposure to the atmosphere to avoid caking.</p>
--

<p>Storage: The basic requirements are the avoidance of involvement in a fire or contamination. Locate well away from sources of heat, fire or explosion. Keep away from combustible materials and chemical substances. Ensure a high standard of housekeeping in storage area. Buildings used for the storage of fertilisers should be dry and well ventilated. Stacks should be at least 1 metre from walls, eaves and beams.</p>
--

<p>8. EXPOSURE CONTROLS/PERSONAL PROTECTION:</p>

<p>Exposure Guidelines:</p>

<p>Occupational Exposure Limit (OEL) generally regarded as a nuisance dust. No specific HSE limit. Recommend a total inhalable dust standard for nuisance dust of 10 mg/cu metre as a time weighted average.</p>
--

<p>DO NOT weld or apply heat to equipment or plant which may have contained fertiliser without first washing thoroughly to remove all traces of fertiliser. Avoid excessive generation of dust. Use approved dust respirator and goggles if airbourne dust concentration are liable to exceed the recommended limits. Protective clothing is not normally necessary, however in sensitive subjects these products may cause irritation with continuous or prolonged handling. In such cases protective measures should be taken e.g. wear simple dust mask, protective gloves. If eyes are particularly at risk wear goggles. Elementary hygiene precautions should be taken i.e. wash after contact. Use in accordance with manufacturers advice.</p>

<p>9. PHYSICAL AND CHEMICAL PROPERTIES:</p>
--

<p>Form: Solid Granules</p>

<p>Colour: Grey/dark brown/black</p>

<p>Odour: Has no real odour</p>
--

<p>Flash Point: Non flammable, non combustible</p>

<p>Bulk Density: Approx 1,000 kg/cu metre</p>
--

<p>10. STABILITY AND REACTIVITY:</p>

<p>Stable under normal storage and handling conditions. Store away from sources of heat, fire or explosion. Not combustible but keep away from combustible materials and chemicals. If heated strongly will evolve ammonia and other harmful gases. On contact with strong alkalis such as caustic soda or soda ash may react releasing ammonia gas.</p>
--

<p>11. TOXICOLOGICAL INFORMATION:</p>
--

<p>Ingestion: Small quantities are unlikely to be harmful. Large quantities may cause gastro-intestinal disorders.</p>

<p>Inhalation: Dust has low toxicity but may form unpleasant deposits in nose and respiratory tract leading to sore throat and coughing. Generally regarded as a nuisance dust.</p>
--

<p>Skin Contact: Slightly acidic. Prolonged skin contact may cause some irritation.</p>
--

<p>Eye Contact: Possible eye irritation on contact.</p>
--

<p>Long Term Effects: No adverse effects known.</p>
--

**PRODUCT SAFETY DATA SHEET:
OUTFIELD FERTILISER RANGE**

Fire and Thermal Decomposition Products: Inhalation of decomposition gases (e.g. in a fire) may cause serious lung effects.

12. ECOLOGICAL INFORMATION

Avoid contamination of watercourses. Inform local water authority if accidental contamination occurs.

13. DISPOSAL CONSIDERATIONS:

Depending on degree of contamination dispose of by use on turf or by spreading lightly onto open ground, or alternatively via an authorised waste disposal company. Take care to avoid contamination of watercourses and drains.

14. TRANSPORT INFORMATION:

UN Number: Not classified as hazardous for transport. No UN No allocated.

Packing Group: Not applicable

Hazard Class: Not applicable

15. REGULATORY INFORMATION:

Not classified as hazardous for supply or transport.

16. OTHER INFORMATION:

The data given in this sheet is based on current knowledge and experience, however no liability is accepted for any insufficiency or omission in any case whatsoever. This data sheet does not constitute an assessment of workplace control as required by current law.

Date of Issue: JUNE 97

RIGBY TAYLOR LTD

PRODUCT SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE:

PRODUCT: PLANTING PLUS 5.18.10 + 8% Mg

RIGBY TAYLOR LTD
RIGBY TAYLOR HOUSE
GARSIDE STREET
BOLTON
LANCASHIRE
BL1 4AE

Tel: 01204 394888

Fax: 01204 385276

2. COMPOSITION/INFORMATION ON INGREDIENTS:

Analysis: 5.18.10 + 5% Mg

Product Description: A mixture of Ammonium Sulphate, Mono-Ammonium Phosphate, Single Superphosphate, Potash, Amorphous Silica and Calcined Magnesite.

3. HAZARDS IDENTIFICATION:

Not classified as hazardous. Unlikely to cause harmful effects with normal handling and use.

4. FIRST AID MEASURES:

Ingestion: Rinse mouth out and give water to drink. If more than a small amount has been ingested seek medical attention.

Eye Contact: Irrigate with water or eyewash solution for at least 15 minutes, obtain medical attention if symptoms persist.

Skin Contact: Wash hands with soap and water.

Inhalation: Remove from source of exposure. Keep warm and at rest. Obtain medical attention if symptoms persist. Persons who have inhaled decomposition gases (e.g. in a fire) should seek medical attention and be kept under observation for at least 48 hours.

5. FIRE FIGHTING MEASURES:

Hazardous combustion products: Extreme heat may cause decomposition with the evolution of toxic fumes.

Protection of fire fighters: Fire fighters should wear self-contained breathing apparatus.

Additional Information: Non-combustible, non-flammable. Do not allow molten material to enter drains.

6. ACCIDENTAL RELEASE MEASURES:

Environmental Precautions: Avoid contamination of watercourses.

PRODUCT SAFETY DATA SHEET: PLANTING PLUS

Clean-up Method: Sweep up promptly into labelled container for disposal.

7. HANDLING & STORAGE:

Handling: Read label before use. When using do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking. Avoid the generation of excessive dust.

Storage: Stable under normal storage conditions. Keep in original container in a dry, well ventilated store, separate from pesticides, acids, fuels or combustible materials. Prevent dampness solidifying product. Locate away from sources of heat, fire or explosion.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Exposure Guidelines: Occupational Exposure Limit (OEL) generally regarded as a nuisance dust. No specific HSE limit. Recommend a total inhalable dust standard for nuisance dust of 10 mg/cu metre as a time weighted average.

DO NOT weld or apply heat to equipment or plant which may have contained the fertiliser without first washing it thoroughly to remove all traces of product. Protective clothing is not normally necessary. In sensitive subjects this product may cause skin irritation with continual or prolonged handling. In such cases protective measures should be taken i.e. wear protective gloves and a simple dust mask. Elementary hygiene standards should be maintained.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Form: Granule

Colour: Grey

Odour: No real odour

Flash Point: Not applicable

Explosive Behaviour: Not applicable

Bulk Density: 1,000 kg/cu metre

Solubility: Largely soluble in water

10. STABILITY AND REACTIVITY:

Stable under normal storage and handling conditions. Not itself combustible but keep separate from combustible materials. On contact with strong alkalis such as caustic soda or soda ash may react and liberate ammonia gas. Harmful/irritant fumes may be released on thermal decomposition.

11. TOXICOLOGICAL INFORMATION:

General: Of low toxicity, not classified as hazardous. No adverse effects are likely from the normal handling or use of this product.

Ingestion: If ingested in more than small quantities may cause irritation to the gastro-intestinal tract, producing nausea, vomiting and abdominal pains.

Inhalation: Inhalation of decomposition gases can lead to serious lung effects. Avoid breathing dust, minor intake is harmless major intake is unlikely under normal use conditions.

Skin Contact: In sensitive subjects may cause skin irritation with continual handling.

Eye Contact: May cause eye irritation due mainly to the gritty nature of the product.

12. ECOLOGICAL INFORMATION

PRODUCT SAFETY DATA SHEET: PLANTING PLUS

Avoid contamination of watercourses. Inform local water authority if accidental contamination occurs.

13. DISPOSAL CONSIDERATIONS:

Depending on degree of contamination, dispose of by spreading lightly onto open ground or via a reputable disposal company. Take care to avoid the contamination of watercourses.

14. TRANSPORT INFORMATION:

UN Number: Not restricted. Not classified as hazardous for transport. No UN No: allocated.

Packing Group: Not applicable

Hazard Class: Not applicable

15. REGULATORY INFORMATION:

Not classified as hazardous. Labelled in accordance with the fertiliser regulations.

16. OTHER INFORMATION:

The data given in this sheet is based on current knowledge and experience, however no liability is accepted for any insufficiency or omission in any case whatsoever. This data sheet does not constitute an assessment of workplace control as required by current law.

Date of Issue: JUNE 97

Maxicrop International Ltd

Maxicrop EcoCharge. Amenity Product.

Maxicrop EcoCharge is termed "non-hazardous" by the chemical (Hazard Information and Packaging for supply) Regulations 1994 (CHIP2). This sheet is not a material Safety Data Sheet. However, for ease of use the product data is provided in Material Safety Data Sheet format.

1. Identification of the Preparation and of the Company.

Product Name: EcoCharge Fine & EcoCharge Coarse
Manufacturer: Maxicrop International Ltd,
Weldon Road,
Corby,
Northants, NN17 5US.
U.K.

2. Composition/Information on the ingredients.

Soil Conditioner.
Constituents: Composted Seaweed Meal, Sodium Borate Dexamhydrate, Sodium Carbonate, Lignite and Anitox Fungex.

3. Hazards Identification.

Classified Non-Hazardous.

4. First aid Measures.

In the event of eye or mouth contact irrigate thoroughly with water. If skin contact occurs then wash with soap and water. In the event of ingestion or if irritation occurs **SEEK MEDICAL ADVICE.**

5. Fire Fighting Measures.

Not Flammable.

6. Spillage's.

In the event of spillage sweep up as much solid as possible, washing away remaining solid with water. Take care to avoid the contamination of watercourses and drains. Inform the appropriate authority in the event of accidental contamination.

7. Handling and Storage.

Normal precautions when handling any product not intended for human consumption. Wear gloves when handling the products over long periods of time. Do not ingest.

8. Exposure Controls/Personal Protection.

n/a.

9. Physical Properties.

Form:	Solid.
Colour:	Black
Odour:	Distinctive/Earthy.
Density:	n/a.
Solubility in water:	n/a.

10. Stability and Reactivity.

Stable.

11. Toxicological Information.

Non Hazardous.

12. Ecological Information.

Prevent from entering watercourses and drains.

13. Disposal Considerations.

Dispose of as non-hazardous waste.

14. Transport Information.

n/a.

15. Regulatory Information.

n/a.

16. Other Information.

Revision Date: JULY, 1999.

Contact for further information: Technical Department, address above.

Tel: (U.K.) 01536 402 182.

Fax: (U.K.) 01536 204 254.

REF A/Safety/Eco