

that last... and last... and last... and last!

**Available Style Options** as of 16/02/2009

**suredor** GRP

Grained Skin	<b>SG03</b>	<b>SG05</b>	<b>SG07</b>	<b>SG08</b>	<b>SG11</b>	<b>SG15</b>	<b>SG34</b>	<b>SG34C</b>
Smooth Skin	<b>SS03</b>	<b>SS05</b>	<b>SS07</b>	<b>SS08</b>	<b>SS11</b>	<b>SS15</b>	<b>SS34</b>	<b>SS34C</b>
	<b>SG34G</b>	<b>SG4X</b>	<b>SGA2</b>	<b>SGA2G</b>	<b>SGA7</b>	<b>SGA9</b>	<b>SGB3</b>	<b>SGX</b>
	<b>SS34G</b>	<b>SS4X</b>	<b>SSA2</b>	<b>SSA2G</b>			<b>SSB3</b>	<b>SSX</b>

Please Note: Subject to alteration. Colours used are for illustration only. Some door styles may not be available. For more information contact our sales team on 01423 866868

Available as a 30 minute rated Fire Door.

Police Preferred Specification Secured By Design.



White	Black	Red	Blue	Green	Oak	Mahogany
RAL9016	RAL9017	RAL3013	RAL5004	RAL6009	RAL70507	RAL3005

**Standard Colour Range**

Styles are available in White, Black, Red, Blue, Green, Oak and Mahogany.

# suredor®

## ADVANCED SPECIFICATIONS

The **suredor®** fibreglass composite doors not only look good, but give long term performance, stability and security. They include specially designed locks, handles and hinges to ensure secure, reliable operation and years of good service.

**DOOR LEAVES** - Door skins made from GRP (Glass Reinforced Polymer), are produced using a sheet moulded compound process, and are compression moulded to give high-definition panel design, offering an authentic grained timber appearance. The GRP skins are bonded to a PVC composite sub-frame, which offers complete waterproofing of the insulating core, and removes all exposed timber from the door. The insulating core of the door leaf is made from 100% CFC-free polyurethane, which provides superior thermal performance, and enhances the doors soundproofing.

**OUTER FRAME** - The door blades are hung in a specially designed, 5 chamber 70mm, multiple-seal, white, fully reinforced PVCu outer frame. Low barrier-free threshold sills are also offered to accommodate ♿ wheelchair access.



Engineered composite stiles and rails

Deep grain profiled

Advanced 100% CFC-free

Reinforced PVCu



### Exposure category 800 special

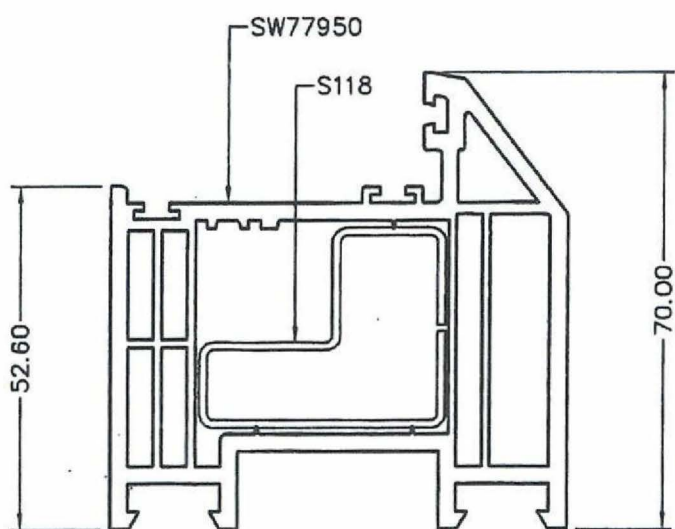
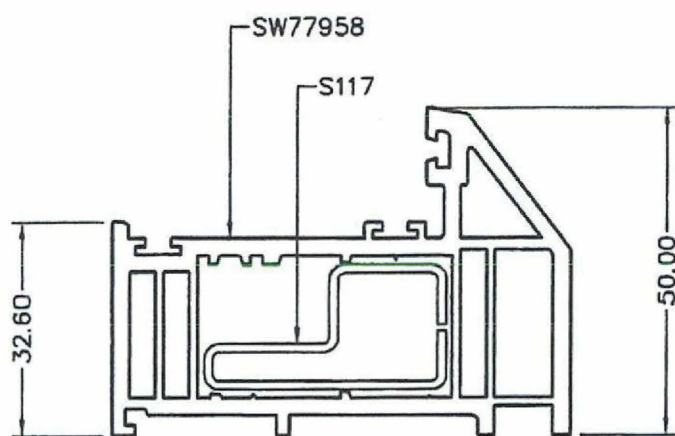
**HARDWARE** - The doors are fitted with high- security locks, quality hardware and door accessories.

**GLAZING** - The doors are available in a wide range of glass options. (See our glass leaflet for details).



## FRAME SECTIONS

Suredor's are normally supplied with a 70mm x 70mm frame (SW77950). However, composite doors are usually supplied with pre-sized panel moulds and, to accommodate them where openings are narrow, a 20mm narrower frame is used (SW77958).





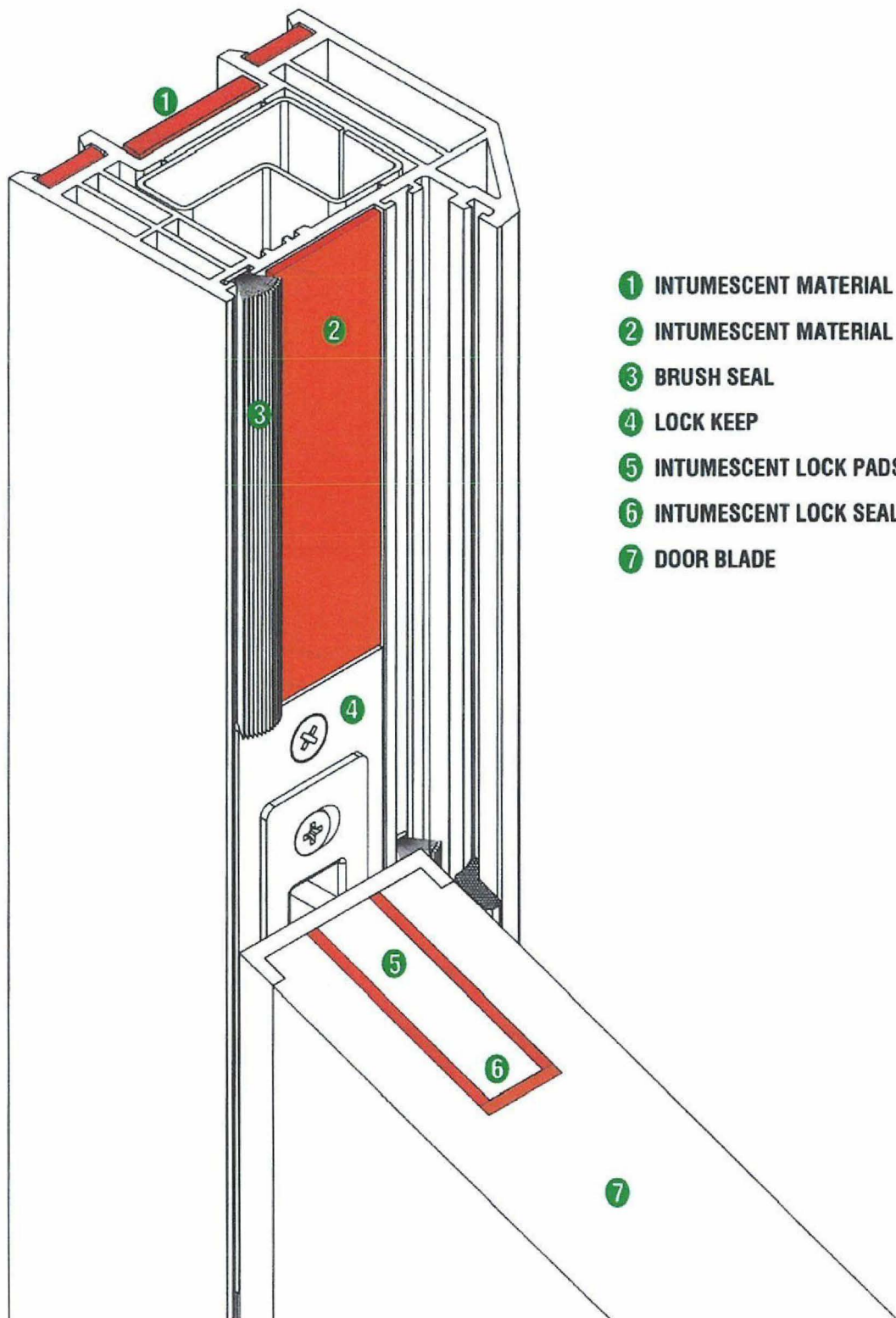
# **suredor**<sup>®</sup>

COMPOSITE FIRE DOOR FD30  
TESTED TO BS 476 PRT 22

- GENERAL DESCRIPTION OF PARTS
- VERTICAL & HORIZONTAL CROSS SECTIONS
- PICTORIAL VIEW OF DOOR BLADE
- PICTORIAL VIEW OF OUTER FRAME
- GENERAL ASSEMBLY DETAILS

FIRE TEST REPORT No. BTC 14434F (REPORT AVAILABLE ON REQUEST)

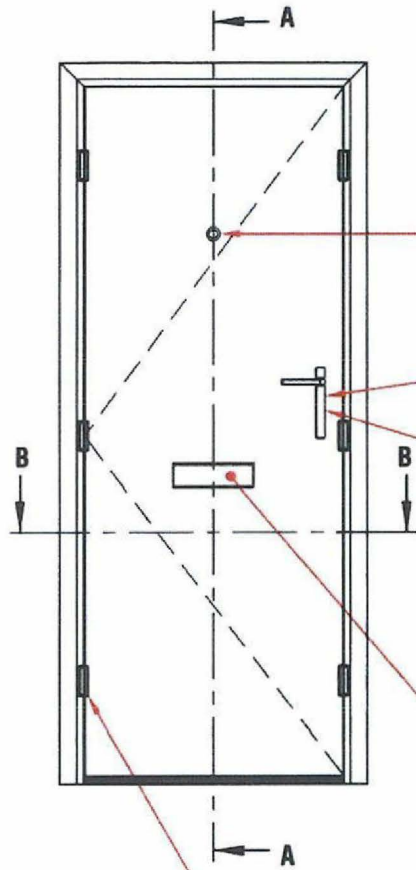
COMPOSITE FIRE DOOR FD30  
GENERAL DESCRIPTION OF PARTS



- ① INTUMESCENT MATERIAL
- ② INTUMESCENT MATERIAL
- ③ BRUSH SEAL
- ④ LOCK KEEP
- ⑤ INTUMESCENT LOCK PADS
- ⑥ INTUMESCENT LOCK SEAL
- ⑦ DOOR BLADE



COMPOSITE FIRE DOOR FD30  
VERTICAL & HORIZONTAL CROSS SECTIONS



INTUMESCENT  
2mm No. 2 - ES102

INT - 1mm No. 1  
AROUND DOOR VIEWER  
REF. HP

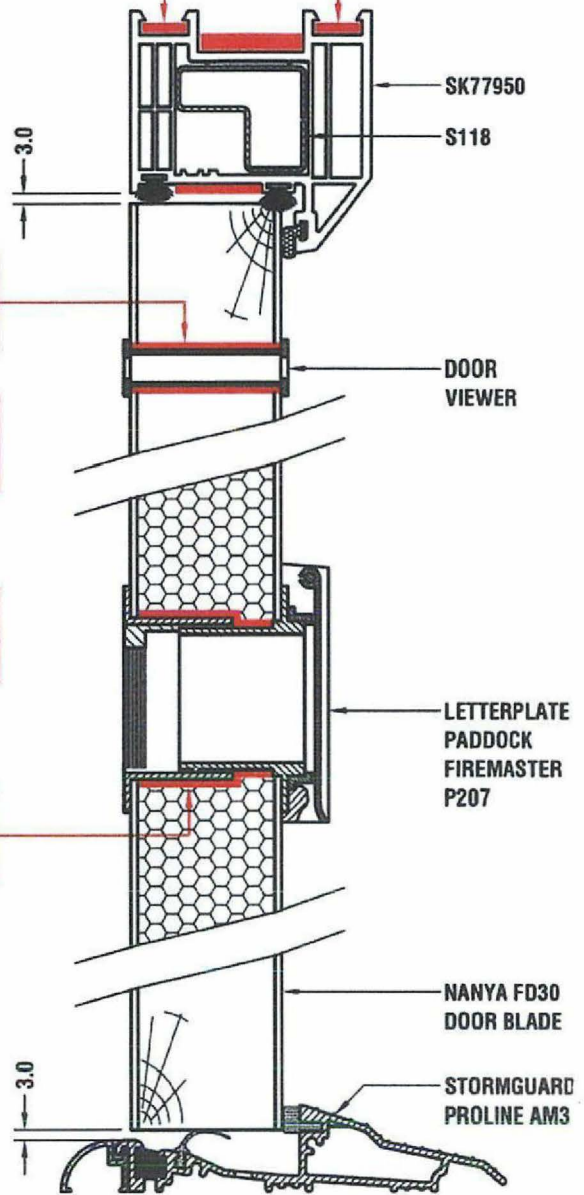
INT - 1mm No. 1  
UNDER BOTH HANDLES  
REF. HP

INT - 1mm No. 1  
AROUND LOCK & KEEP  
REF. LPH

INTUMESCENT LINER  
AROUND LETTER BOX  
REF. LBL

INT - 1mm No. 1  
UNDER HINGE BLADE  
REF. HP

INT - 3mm No. 2 x 25mm  
INSIDE REBATE  
BOTH SIDES & TOP  
REF. ES253

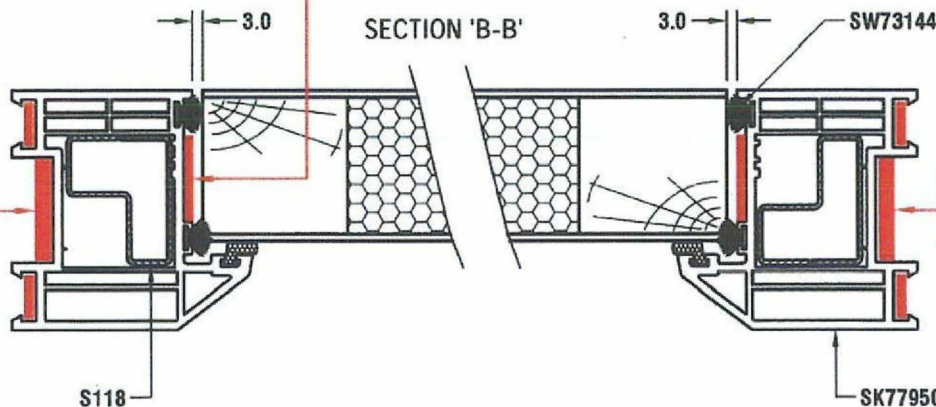


SECTION 'A-A'

SECTION 'B-B'

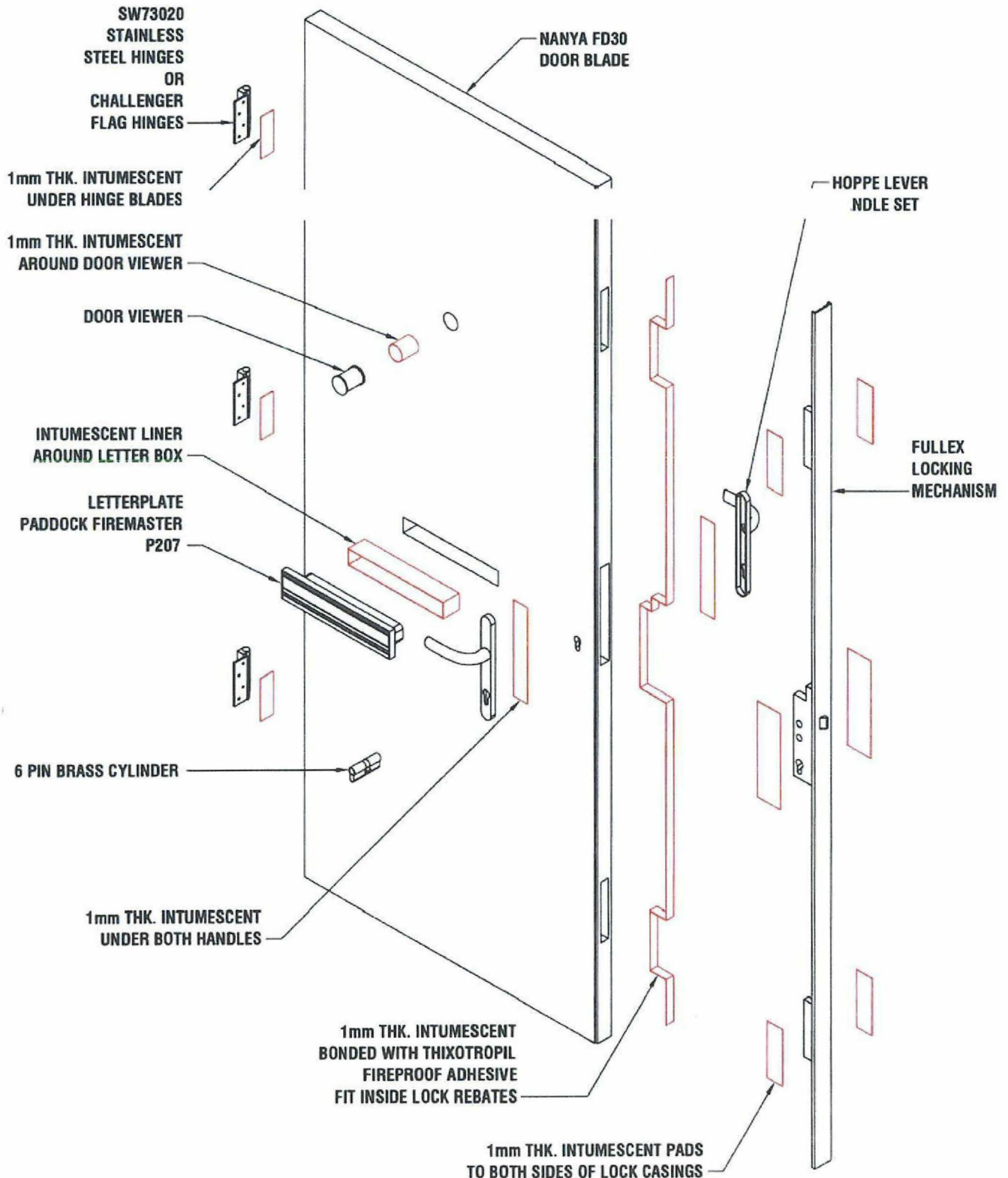
INTUMESCENT  
2mm No. 2 - ES302

INTUMESCENT  
2mm No. 2 - ES302



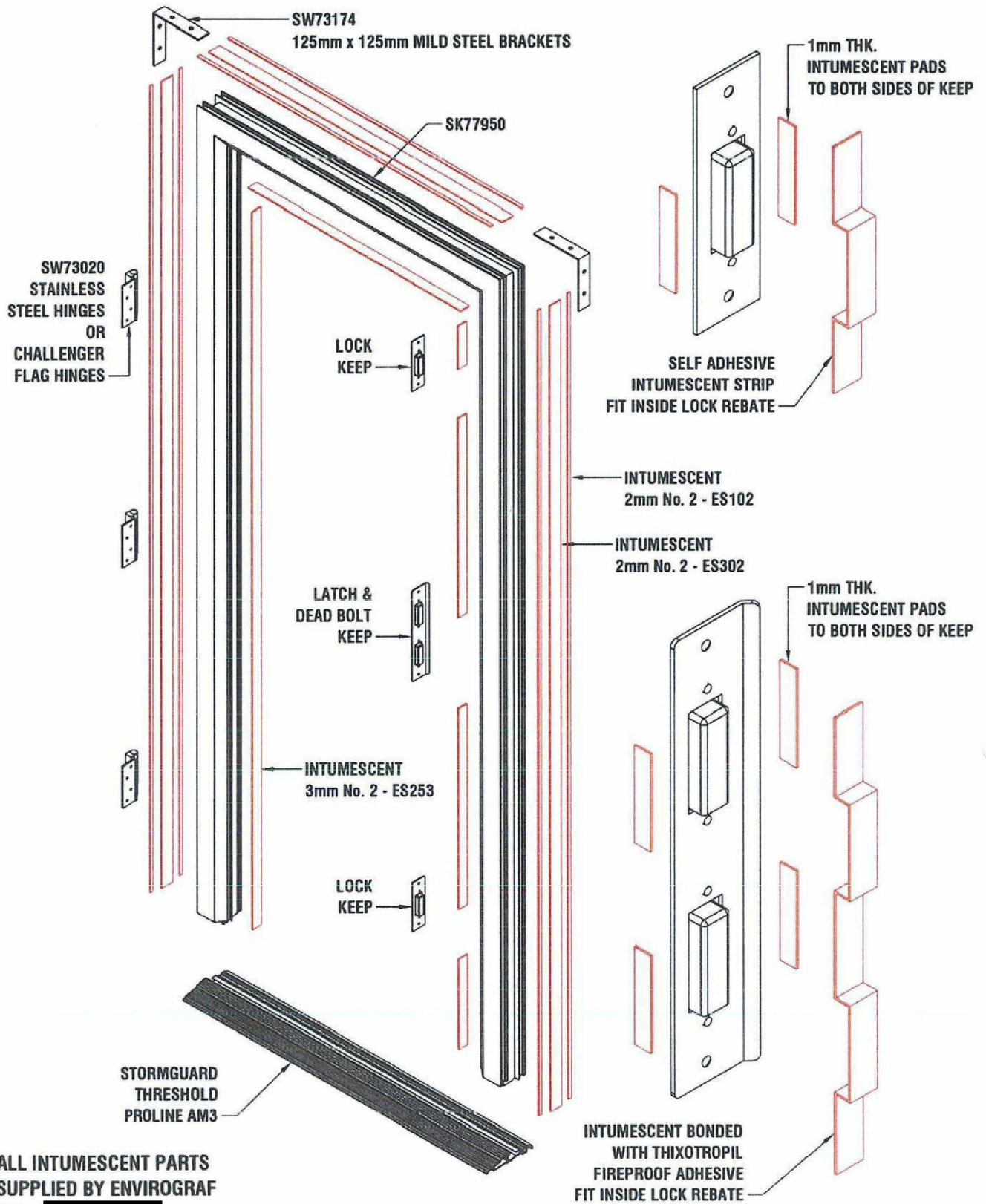
# COMPOSITE FIRE DOOR FD30

PICTORIAL VIEW OF DOOR BLADE WITH COMPONENT DESCRIPTIONS AS TESTED AT THE B.P.B. TEST CENTRE



**COMPOSITE FIRE DOOR FD30**

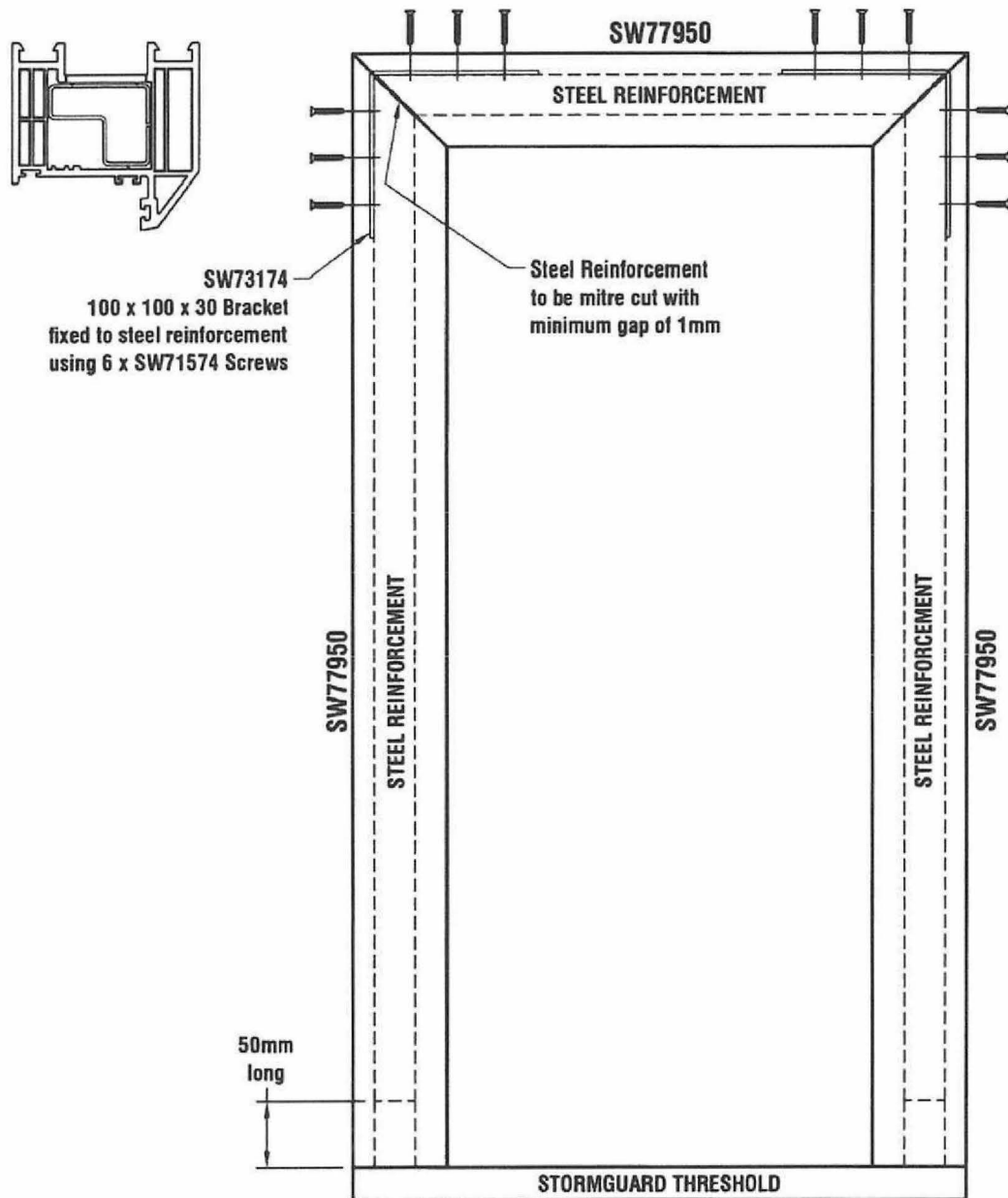
PICTORIAL VIEW OF OUTERFRAME WITH COMPONENT DESCRIPTIONS AS TESTED AT THE B.P.B. TEST CENTRE



ALL INTUMESCENT PARTS  
SUPPLIED BY ENVIROGRAF  
TEL:- [REDACTED]

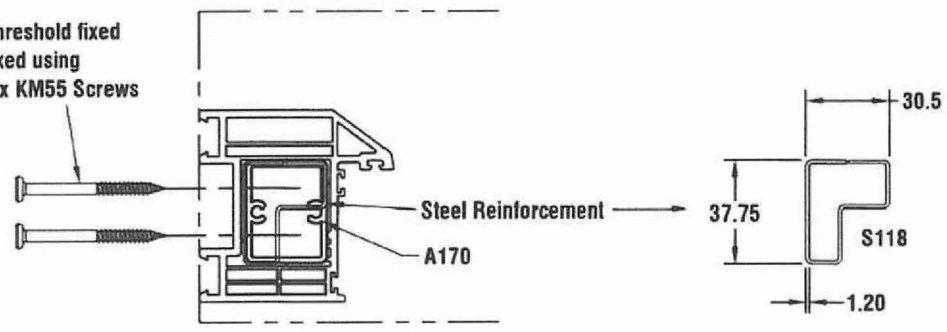


COMPOSITE FIRE DOOR FD30  
OUTERFRAME GENERAL ASSEMBLY DETAILS



SW73174  
100 x 100 x 30 Bracket  
fixed to steel reinforcement  
using 6 x SW71574 Screws

Threshold fixed  
fixed using  
2 x KM55 Screws



## **Accreditations and Memberships**

### **Testing**

PAS 23-1: 1999 (General performance requirements for door assemblies)

PAS 24-1: 1999 (Enhanced security performance requirements for door assemblies)

Sold Security Test Standard – SS306-Silver Level (Door Handle Assembly).

BS 476 Part 22 Suredor FD 30 testing to satisfy the criteria for integrity and stability.

### **Licences**

Secure by Design - Issued by the Association of Chief Police Officers (ACPO)

Kitemark Licences - PVCu windows manufactured to BS 7412

- BS 7950 / BS 7413 / EN 12608 systems kitemarks held by L.B.Plastics Ltd, our parent company.

### **Registrations**

Constructionline Registration No: 275

FENSA (The Fenestration Self Assessment Scheme) Registration No: 11879

BS EN ISO 9001: 2000 - Quality Management System. Certificate No: FM 28813

BS EN ISO 14001: 2004 – Environmental Management System.  
Certificate No: EMS 507920

### **Certificates**

FAST (Federation Against Software Theft) – Approved company/managers/auditors

CHAS (Contractors Health and Safety Assessment Scheme) – Accredited company.

Glass Charter Industry Scheme - Member.

A scheme administered by The Glass and Glazing Federation

### **Memberships of trade associations**

The Federation of Master Builders Membership No: 19345

The Guild of Master Craftsmen Membership No: A019882



# suredor<sup>®</sup>



**Manse Masterdor Limited**  
Hambleton Grove  
Knaresborough  
North Yorkshire  
HG5 0DB

Tel: [REDACTED]  
Fax: [REDACTED]  
E-mail: [info@masterdor.co.uk](mailto:info@masterdor.co.uk)