# FIRESTRIP® 60

## DESCRIPTION

An Intumescent Strip Sealant 20mm x 3mm which can provide 60 minutes resistance to the passage of fire when used to glaze fire rated glass into internal doors and timber screens.

**Please ask our customer care team to send you a copy of our Certifire certificate CF297 for clear and concise applications for Firestrip® 30 and Firestrip® 60 and new increased glass sizes.**

## KEY FEATURES

- Fully tested to provide 60 minutes resistance to the passage of fire and smoke in timber doors and screens.
- BWF Certifire Scheme Certificate No. CF297 for use in timber screens and doors for periods of 60 minutes fire resistance.
- Tested with semi insulating and fully insulting glasses. To give 60:0 and 60:60 (Integrity:Insulation) respectively.
- Very cost effective compared to other rigid/semi-rigid fire resistant materials.
- Suitable for use by FIRAS Accredited Glaziers.
- Excellent high tack surface provides good adhesion.
- Can be overcoated with paints and decorative wood stains.
- Non-toxic.

## PERFORMANCE

**Adhesion:** Excellent to glass and timber.
**Compression to seal:** Positive compression.
**Density:** 1.2g/cm2
**Force to compress by 20%:** 1.4kg/cm2
**Movement accommodation:** ±10%
**Paintability:** Excellent.
**Resistance to mould:** High.
**Service life (predicted):** in excess of 20 years.
**Service temperature range:** +5°C to +40°C
**Shrinkage:** <1%
**Slump:** Nil.
**Staining:** Nil.
**Tack:** Very good.
**Tensile strength:** 1.3kg/cm2
**UV resistance:** Excellent.

## USES

Firestrip® 60 is used for glazing semi-insulating and insulating glass into timber fire doors or hardwood timber screens with hardwood beads.

**Important: The performance of Firestrip® 60 is dependent on the use of suitable fire resistant glass and suitable frame design. If in any doubt, please contact Hodgson Technical Services for further information.**

### GLASSES WHICH CAN BE GLAZED WITH FIRESTRIP® 60 INTO TIMBER FRAMED SCREENS – EN1634: Part 4:1998 CF297

| Manufacturer | Glass | Maximum Area ($m^2$) | Maximum Dimensions (m) |
|---|---|---|---|
| Pilkington Glass | **Pyrodur** 10mm<br>**Pyrostop** 23mm | 1.98<br>1.80 | 2.2<br>2.1 |

**Design Information**
Please refer to Certifire certificate CF297 or contact Hodgson for design information.

## TECHNICAL APPROVALS

EN1634: Part 4:1998

EN1364-1: 1999

BWF - Certifire Fire Door and Doorset Scheme - **Certificate No 297.**

Glass & Glazing Federation Glazing Manual Section 2.8 Fire Resistant Glazing, 13. Table of Tested Products and Materials. 9.1.2 Glazing Materials – Strips.

FIRAS register of specialist fire protection materials – manufacturers & suppliers.

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# FIRESTRIP® 60

**GLASSES WHICH CAN BE GLAZED WITH FIRESTRIP® 60 INTO TIMBER DOORS – EN1364-1: 1999 CF297**

| Manufacturer | Glass | Maximum Pane Height (mm) | Maximum Pane Width (mm) | Maximum Area (m²) |
|---|---|---|---|---|
| Pilkington Glass | **Pyrodur** 10mm | 1950 (at 800mm wide) | 867 (at 1800mm high) | 1.56 |
| | **Pyrostop** 23mm | 2250 (at 800mm wide) | 1000 (at 1800mm high) | 1.80 |
| The aspect ratio of the glass may be unlimited within these glass dimensions | | | | |

**Design Information**
Please refer to Certifire certificate CF297 or contact Hodgson for design information.

## PACKAGING

**Standard:** 20mm x 3mm (15m) x 7 reels
**Available colours:** Mahogany and off-white

## APPLICATION

### PROPERTIES

**Application temperature range:** +5°C to +30°C
**Shelf life:** 12 months when stored flat in original packaging in cool, dry conditions.

### INSTRUCTIONS

**Surface preparation:** All surfaces should be clean, dry and free from frost, grease and loose materials.

**Application:** Secure one set of glazing beads to act as a rebate if the opening is not already rebated. Pins or screws should be angled at 45°.

Apply Firestrip® 60 on the paper along the rebate upstand of the top rebate by running the edge of the backing paper along the rebate platform so that the strip comes up to the sightline. For larger rebates it may be necessary to lift the paper above the platform to ensure that the Firestrip® 60 comes up to the sightline.

Repeat the application to the sides and then the bottom rebate. Remove backing paper. Butt the corner joints, do not overlap. Position setting blocks.

Centralise glass in frame on setting blocks. Press firmly around the edge of the glass to ensure that contact with the surface of Firestrip® 60 is achieved. Apply Firestrip® 60 to the glass in the same way as it was applied to the upstands by running the edge of the paper along the rebate platform or alternatively direct to the beads. Remove the backing paper. Bed the beads to the Firestrip® 60 by applying pressure to obtain good contact between the strip and the bead.

Fix the beads with pins or screws in accordance with the design requirements of the installation. Pins or screws should be angled at 45° to pass beneath the glass. Trim off any Firestrip® 60 above the sight line with a sharp knife.

## GENERAL

Firestrip® 60 is part of a full range of cartridge sealants, tapes and fire resistant foam designed for use by the professional user to resist the passage of fire and smoke. For further information please contact our Customer Care Team or visit our Website.



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