

# INSTRUCTIONS

## firestrip 30

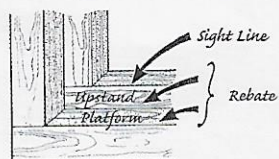
### INTUMESCENT GLAZING STRIP

Firestrip 30 has been developed as a quick and clean alternative to more conventional fire protection materials for glazing such as fillers and mastics. Its intumescent properties cause it to swell to several times its original thickness when exposed to high temperatures and quickly forms an insulating layer of carbon which delays the passage of flame and smoke through the joint between the glass and wood frame. Firestrip 30 will withstand the effects of fire for a minimum of 30 minutes in a correctly designed frame, so assisting the safe evacuation of occupants from a building.

Firestrip 30 achieved 30 minutes fire resistance when tested to BS 476 Part 22: 1987 and used to glaze Pyroshield Safety Glass into a softwood frame with hardwood beads. Full test details can be obtained from Hodgson Sealants Ltd.

### PERFORMANCE

Firestrip 30 is affected by water. If the product is to be used for external glazing, it must be capped off using Silfix U9 silicone sealant, also available from your stockist. Read instructions below before glazing.



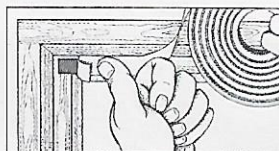
### STEP 1

**ESTIMATING GUIDE** You will need one 10m Trade Pack of Firestrip 30 to achieve 5 linear metres of glazing.

If the opening you want to glaze has no rebate, you will need to make one from a set

of glazing beads. Ensure a tight fit and that the beads are flush on all sides. Remove all dust, dirt, grease and loose materials from the rebate. Any moisture on the timber should be wiped off using a clean paper towel or other absorbent material to give a dry surface. Prior to commencing the glazing, check that the glass fits into the frame by standing it on glazing blocks. The maximum gap around each edge of the glass must not exceed 3mm. Remove the blocks and the glass.

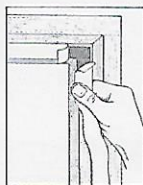
### STEP 2



Starting at the top left-hand corner of the frame, unwind a few centimetres of Firestrip 30 but do not remove it from the backing paper and apply the material to the upstand. Position the edge of the paper so that the strip comes up to the sight-line. Continue to

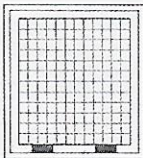
unwind the Firestrip 30 along the remaining length of the upstand, applying gentle pressure to the strip as you work until it seats neatly into the right-hand corner. Cut with sharp blade then pull paper back to expose both ends of Firestrip 30.

### STEP 3

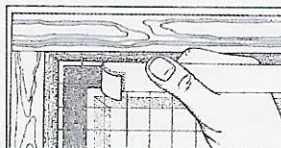


Working downwards from the top right begin the next length of Firestrip 30 as a butt joint against the material you have just applied. It is important that you do not overlap Firestrip 30 or leave a gap between the different lengths of strip as this could affect the performance of the system. Continue by applying Firestrip 30 to the left-hand side and then the bottom. Remove all paper.

### STEP 4

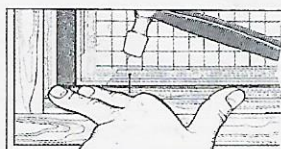


Place glazing blocks on the rebate platform as shown and centralise the glass in the frame. Press firmly around the edges so that contact is made throughout with Firestrip 30.



### STEP 5

Apply Firestrip 30 to the outside of the glass as before in steps 2 and 3, using the edge of the paper as your guide, aligning the Firestrip 30 with that already positioned.



### STEP 6

Place the corner of the bottom bead against the Firestrip 30 and apply as much force as possible to the bead so that the Firestrip 30 is compressed while pinning. Bead pins should not be located more than 50mm from

either end and not more than 150mm apart and should be angled at 45° to pass beneath the glass. Repeat the process for side and top beads. The frame may now be painted with water/solvent based paints and stains.

### EXTERNAL GLAZING

For optimum performance, a 16mm x 22mm bead will be needed so that the strip can be set at least 3mm below the sight-line on both sides of the glass. Follow steps 1 to 6, but in addition bed the beads to the platform using Silfix U9. Finally fill the grooves above the strip between the bead or upstand and the glass with Silfix U9 to form a capping on both sides of the glass. Form a chamfer to assist the shedding of water away from the glass.

### HEALTH & SAFETY

Use as recommended  
Avoid contact with eyes  
Wash hands after use

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