



Pilkington Pyrostop™

FIRE TEST SUMMARY

Multi-pane Steel Screen – 60 minutes integrity and 60 minutes insulation

REFERENCE: WARRES 113978

(WFRC C129365)



PILKINGTON

23mm Pilkington **Pyrostop**TM Multi-pane Insulated Steel Screen

60 minutes integrity, 60 minutes insulation

A clear fire-resistant glass providing integrity and insulation with impact resistance for doors and screens.

TEST REFERENCE:
WARRES 113978
(WFRC C129365)

TEST STATION:
Warrington Fire Research Centre

TEST DATE:
4th July 2000
(January 2003)

TEST SPONSOR:
Pilkington United Kingdom
Limited

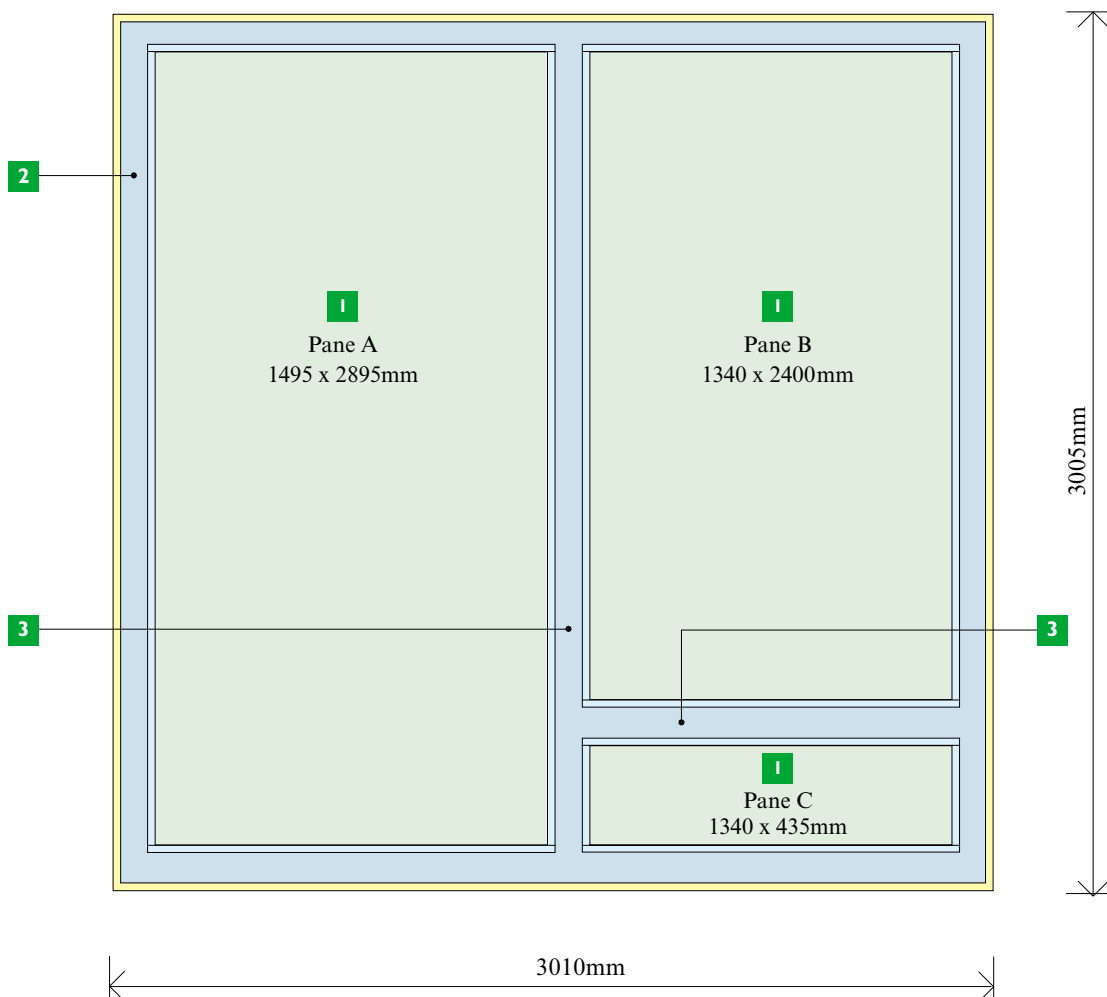
TEST STANDARD:
BS 476: Part 22:1987

GENERAL DESCRIPTION OF THE ASSEMBLY

- 23mm Pilkington **Pyrostop**TM
- Insulated mild steel framework
- Mild steel glazing beads
- Glass lined using ceramic glazing tape

Elevation

Frame supplied and fixed by Fendor Hansen Ltd

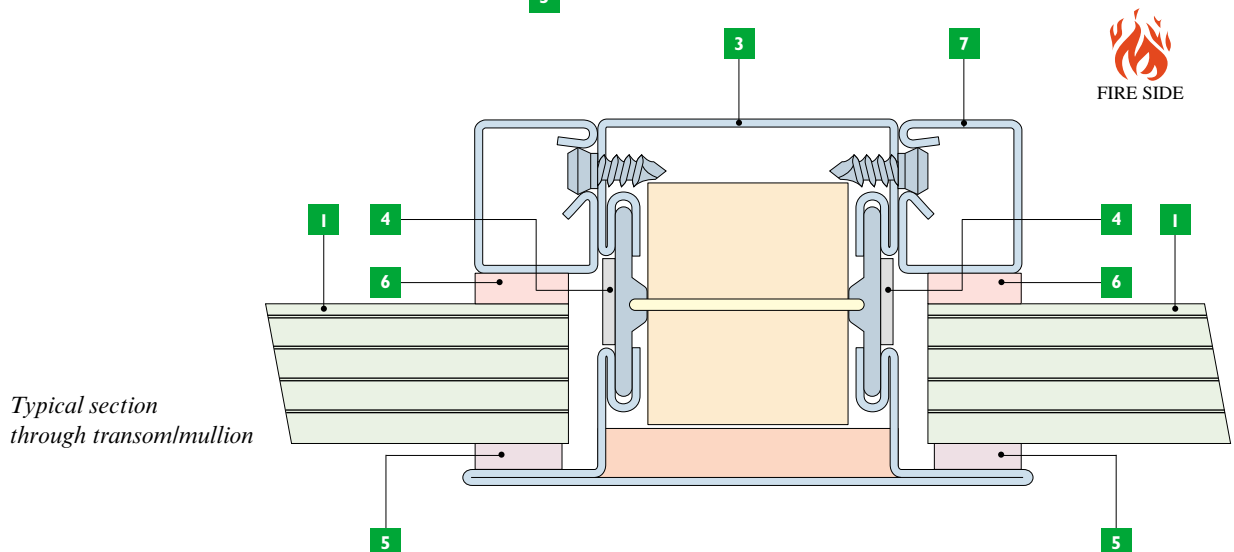
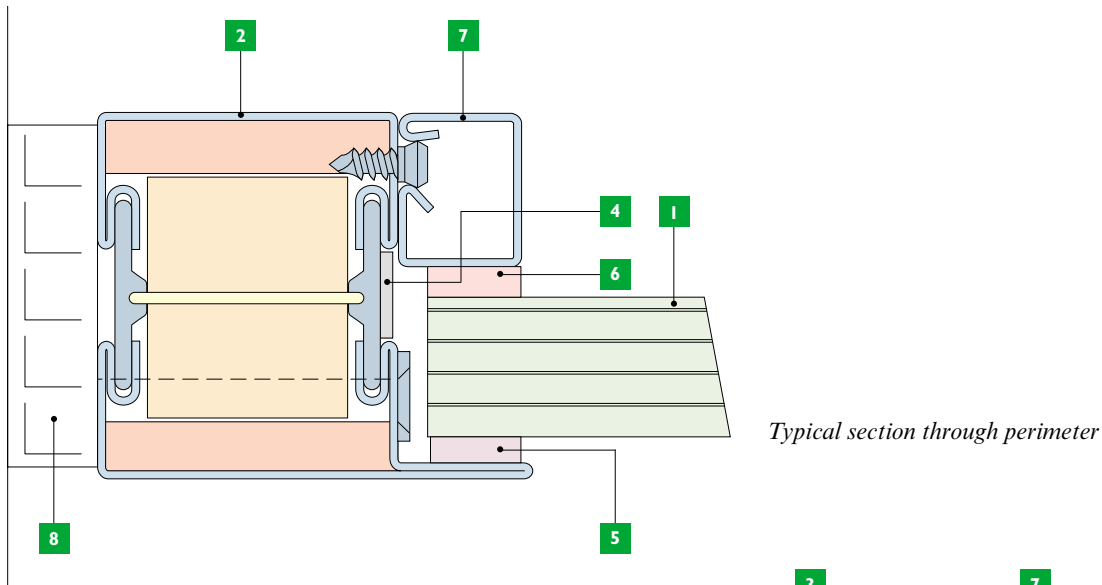


Glazing dimensions are actual glass sizes.



Key to figures

- 1** 23mm Pilkington **Pyrostop**™
- 2** 60 x 72.5 x 1.5mm mild steel Fendor Hansen frame perimeter section. Fixed to aperture with 102 x 10mm plastic dowel with steel screw centered 5 off per side, 200mm from each corner via a 50 x 15 x 3mm mild steel fixing plate.
- 3** Fendor Hansen 60 x 95mm mild steel frame transom/mullion section.
- 4** Fendor Hansen 14 x 2mm graphite based intumescent seal self adhered to the frame section.
- 5** Technical Fibre Products Ltd, G5, 15mm ceramic glazing tape self adhered to frame sections.
- 6** Technical Fibre Products Ltd, Fireside G6, 15mm ceramic glazing tape self adhered to the glazing bead.
- 7** Fendor Hansen 401 125, 25 x 20 x 1.2mm galvanised mild steel glazing bead. Snap fitted over stud screw fixings at nominal 250mm maximum centres.
- 8** Ceramic fibre insulation perimeter edge seal between perimeter frame sections and concrete lining of restraint frame.



Scope

The results of this test relate only to the behaviour of the specimen of the element of construction under the particular conditions of the test. They are not intended to be the sole criteria for assessing the potential fire performance of the element in use nor do they reflect the actual behaviour in fires.

23mm Pilkington **Pyrostop**[™] is classified as a Class A safety glass according to the impact performance requirements of BS 6206: 1981, and has been tested in accordance with the fire test requirements of BS 476: Part 22: 1987.

This publication gives a general description of the product and materials. It is the responsibility of the user to ensure that their use is appropriate for any particular application and that such application complies with all relevant local and national legislation, standards, codes of practice and other requirements.

Pilkington United Kingdom Limited hereby disclaim all liability howsoever arising from any error in or omission from this publication and for all consequences of relying on it.

Pilkington **Pyrostop**[™] is a trade mark of the Pilkington Group.

For technical advice please contact the numbers below.



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