



Pilkington Pyrostop™

FIRE TEST SUMMARY

Multi-pane Steel Screen – 120 minutes integrity and 120 minutes insulation

REFERENCE: WARRES 117011



PILKINGTON

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

120 minutes integrity, 120 minutes insulation

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

TEST REFERENCE:
WARRES 117011

TEST STATION:
Warrington Fire Research Centre

TEST DATE:
25th January 2001

TEST SPONSOR:
Pilkington United Kingdom Limited

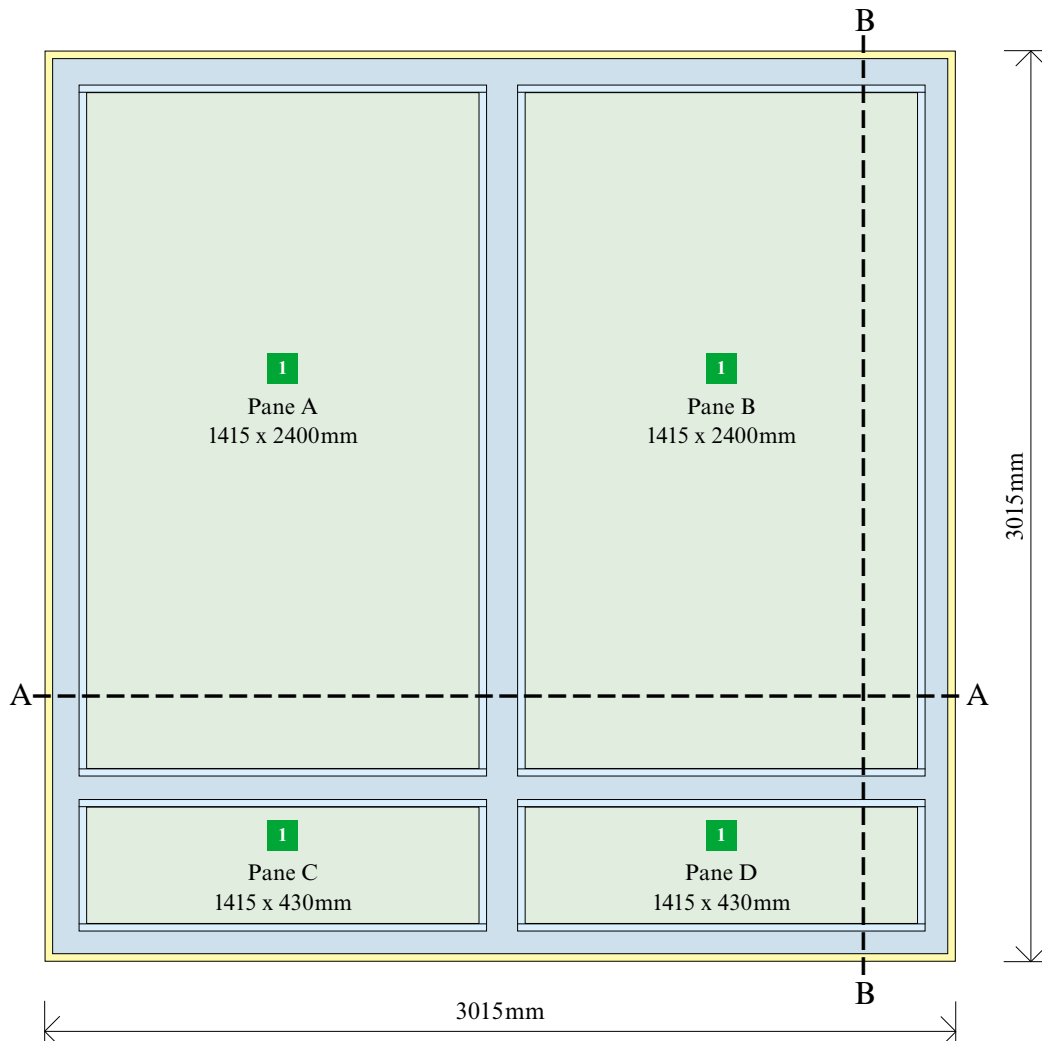
TEST STANDARD:
BS 476: Part 22:1987

GENERAL DESCRIPTION OF THE ASSEMBLY

- 52mm Pilkington **Pyrostop**TM insulating glass unit
- Insulated mild steel framework
- Mild steel glazing beads
- Glass sealed using ceramic fibre tape

Elevation

Frame supplied and fixed by Fendor Hansen Ltd



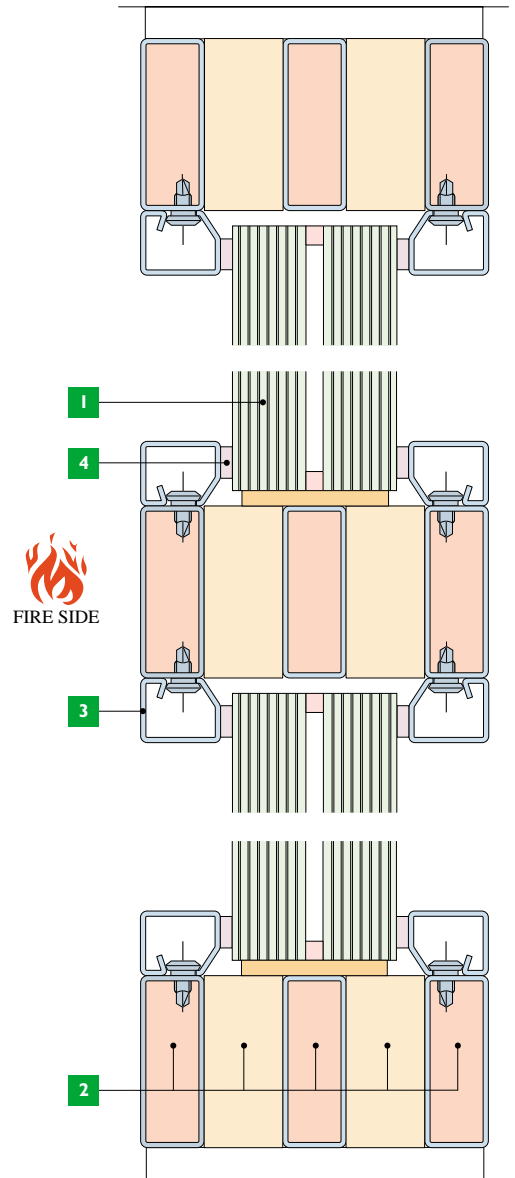
Glazing dimensions are actual glass sizes.



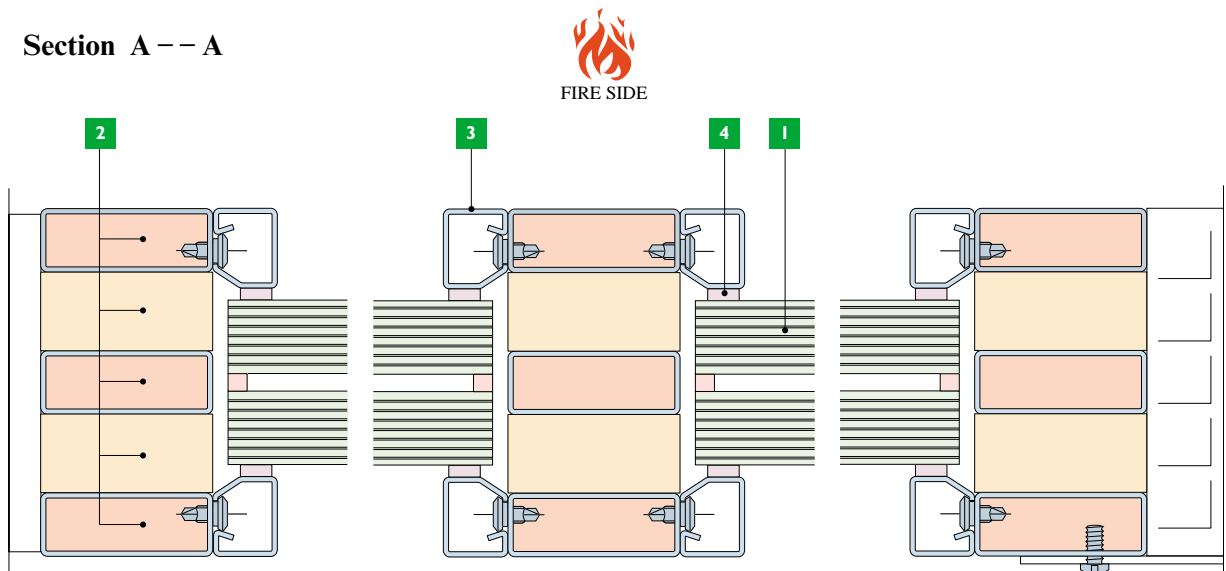
Key to figures

- 1** Pilkington **Insulight™** Protect insulating glass unit (23mm Pilkington **Pyrostop™**/6mm cavity with steel spacer/23mm Pilkington **Pyrostop™**).
- 2** 105 x 55mm mild steel Fendor Hansen (reference: Fendor Ins 120/120) frame. Three steel rectangular hollow sections with insulating boards, sections welded together. Fixings – 5 x 100mm countersunk steel screws into plastic plugs, at nominal 550mm maximum centres; to three edges only.
- 3** Fendor Hansen, 20 x 25 x 1.25mm mild steel glazing bead.
- 4** Carborundum Resistant Materials Ltd 5 x 10mm Fibrefrax ceramic fibre tape.

Section B -- B



Section A -- A



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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