



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 and 27mm Pilkington **Pyrostop™** are classified as Class A safety glass according to the impact performance requirements of BS 6206: 1981, and have 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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Pilkington Pyrostop™

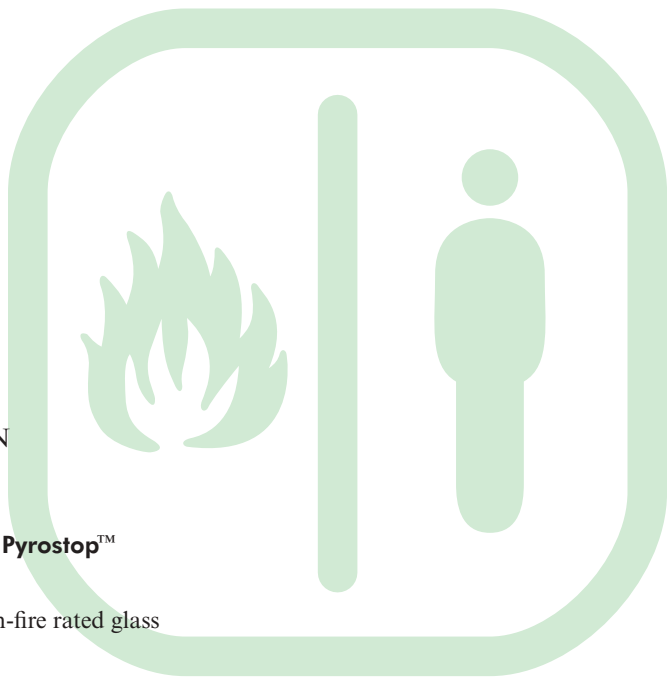
FIRE TEST SUMMARY

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

REFERENCE: WARRES 131563



PILKINGTON



23/27mm Pilkington **Pyrostop™**
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 131563

TEST STATION:
Warrington Fire Research Centre

TEST DATE:
30th October 2003

TEST SPONSOR:
Pilkington

TEST STANDARD:
BS 476: Part 22:1987

GENERAL DESCRIPTION
OF THE ASSEMBLY

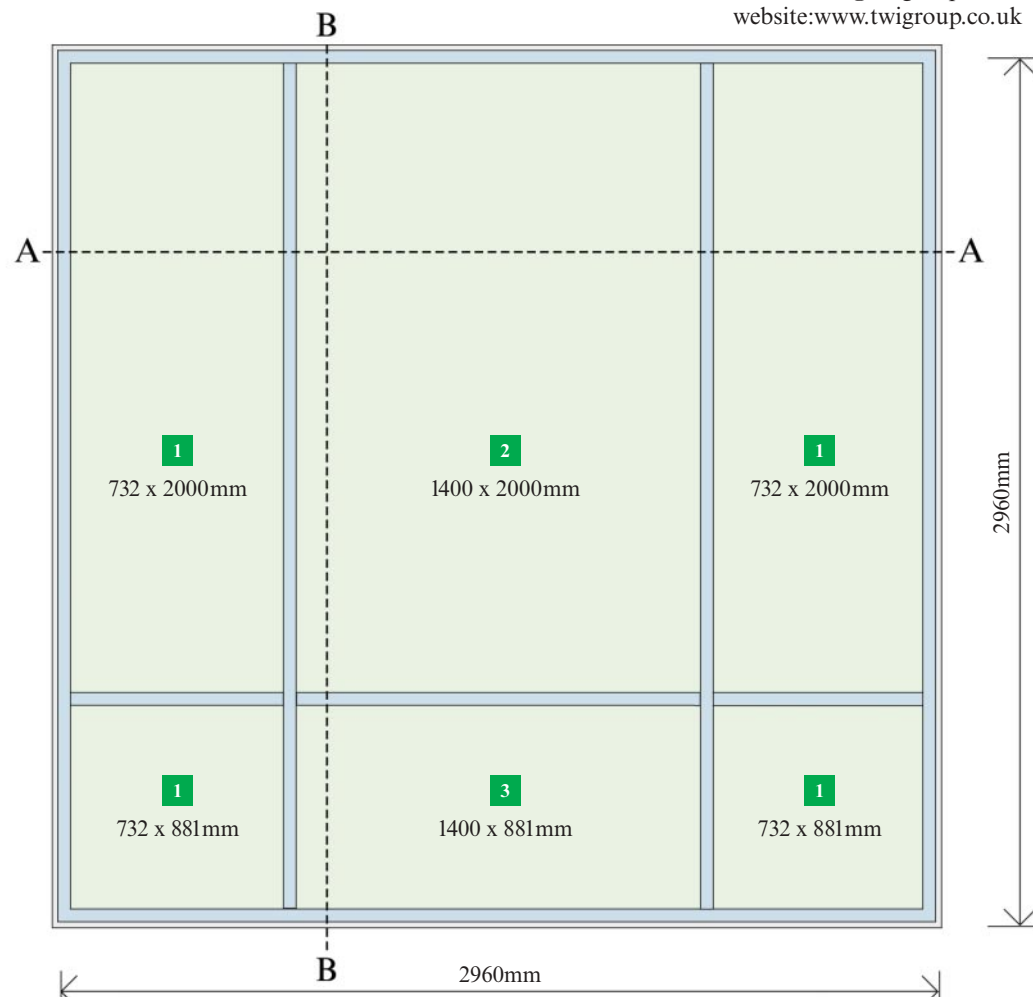
- 23mm and 27mm Pilkington **Pyrostop™**
- Insulating glass unit with non-fire rated glass
- Insulated steel framework
- Glazed with intumescent seals

Key to figures

- | | |
|---|---|
| 1 23mm Pilkington Pyrostop™ /10mm cavity/8.8mm Pilkington Optilam™ | 7 Clamping feet |
| 2 6mm Pilkington T glass/8mm cavity/27mm Pilkington Pyrostop™ | 8 6mm diameter x 84mm long stainless steel screws fixed at 300mm centres |
| 3 As 2, but reversed | 9 Plastic spacers |
| Forster Rohr & Profiletechnik AG Thermfix Vario EI60 system comprising: | 10 EPDM seal |
| 4 90 x 45 x 1.8mm rectangular hollow section steel tube | 11 24.5 x 1.5mm Flexplan 200 intumescent seal |
| 5 50 x 45 x 1.8mm rectangular hollow section steel tube | 12 Stainless steel profiled sections |
| 6 20mm wide Duripanel distance profiles | 13 Galvanised mild steel channels |
| | 14 Ceramic fibre steel |

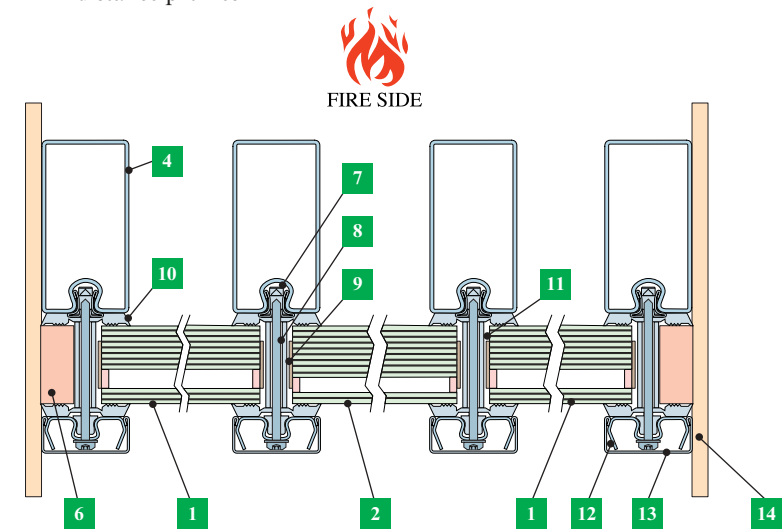
Elevation

Frame supplied and installed by T&W Ide Fire Products Ltd.
Tel: 020 7790 2333 Fax: 020 7790 0201
email:sales@twigroup.co.uk
website:www.twigroup.co.uk

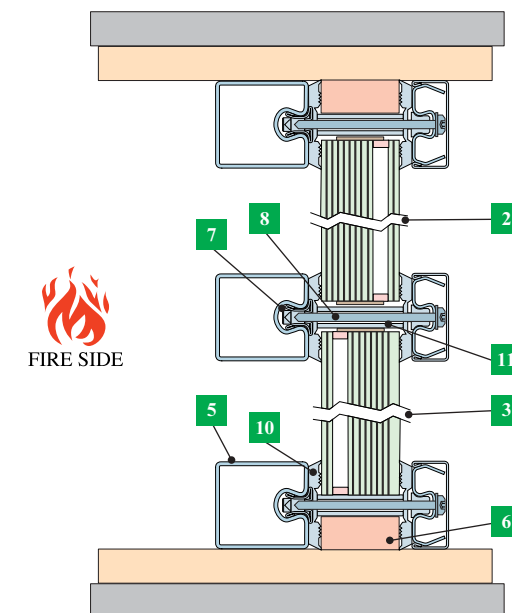


Glazing dimensions are actual glass sizes.

SECTION A--A



SECTION B--B



NOT TO SCALE.

For reasons of confidentiality, some of the frame details have been omitted.