



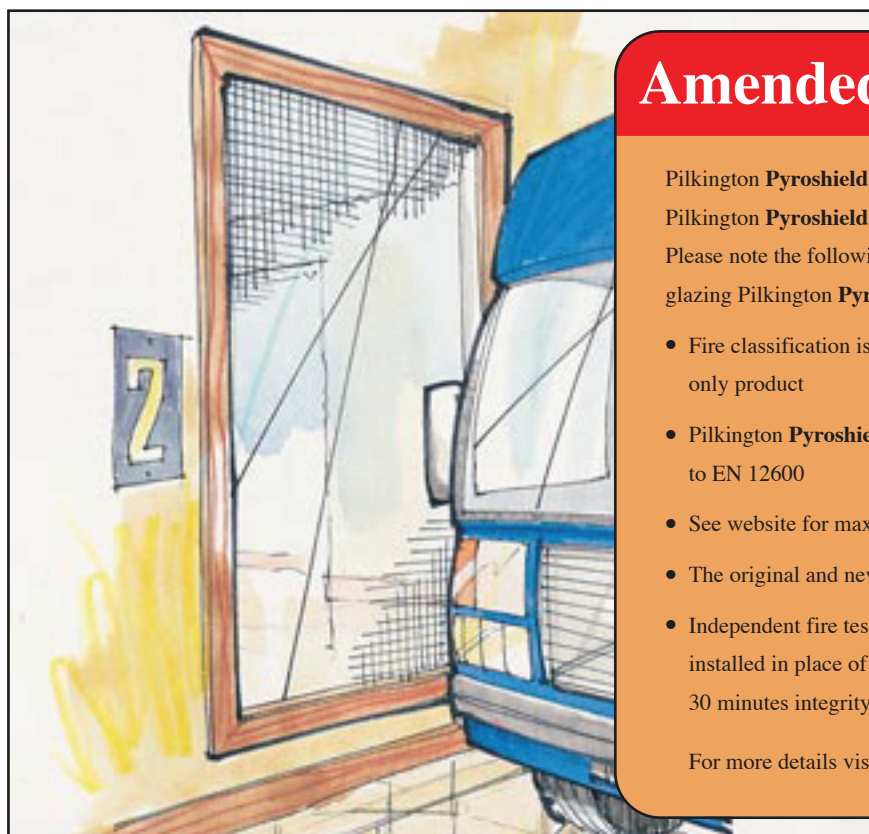
FIRE
RESISTANT
GLASSES

CI/SfB

Ro4 (Aq)

January 1997

Pilkington PYROSHIELD *Safety Clear*



Amended October 2009

Pilkington **Pyroshield™** has been superseded by Pilkington **Pyroshield™ 2** which has different characteristics. Please note the following important points when specifying or glazing Pilkington **Pyroshield™ 2**;

- Fire classification is only as a 30 minute integrity only product
- Pilkington **Pyroshield™ 2** Texture has no classification to EN 12600
- See website for maximum pane sizes for doors and screens
- The original and new products should not be mixed
- Independent fire test evidence confirms that it can be installed in place of Pilkington **Pyroshield™** to provide 30 minutes integrity only in this glazing assembly

For more details visit www.pilkington.co.uk/pyroshield2

FIRE TEST SUMMARY

Hardwood Timber Screen
60 minutes integrity

Test Reference WARRES 60280



PILKINGTON

Hardwood Timber Screen

60 minutes integrity

Test Reference:

WARRES 60280

Test Station:

Warrington Fire Research Centre

Test Date:

10th February 1994

Test Sponsor:

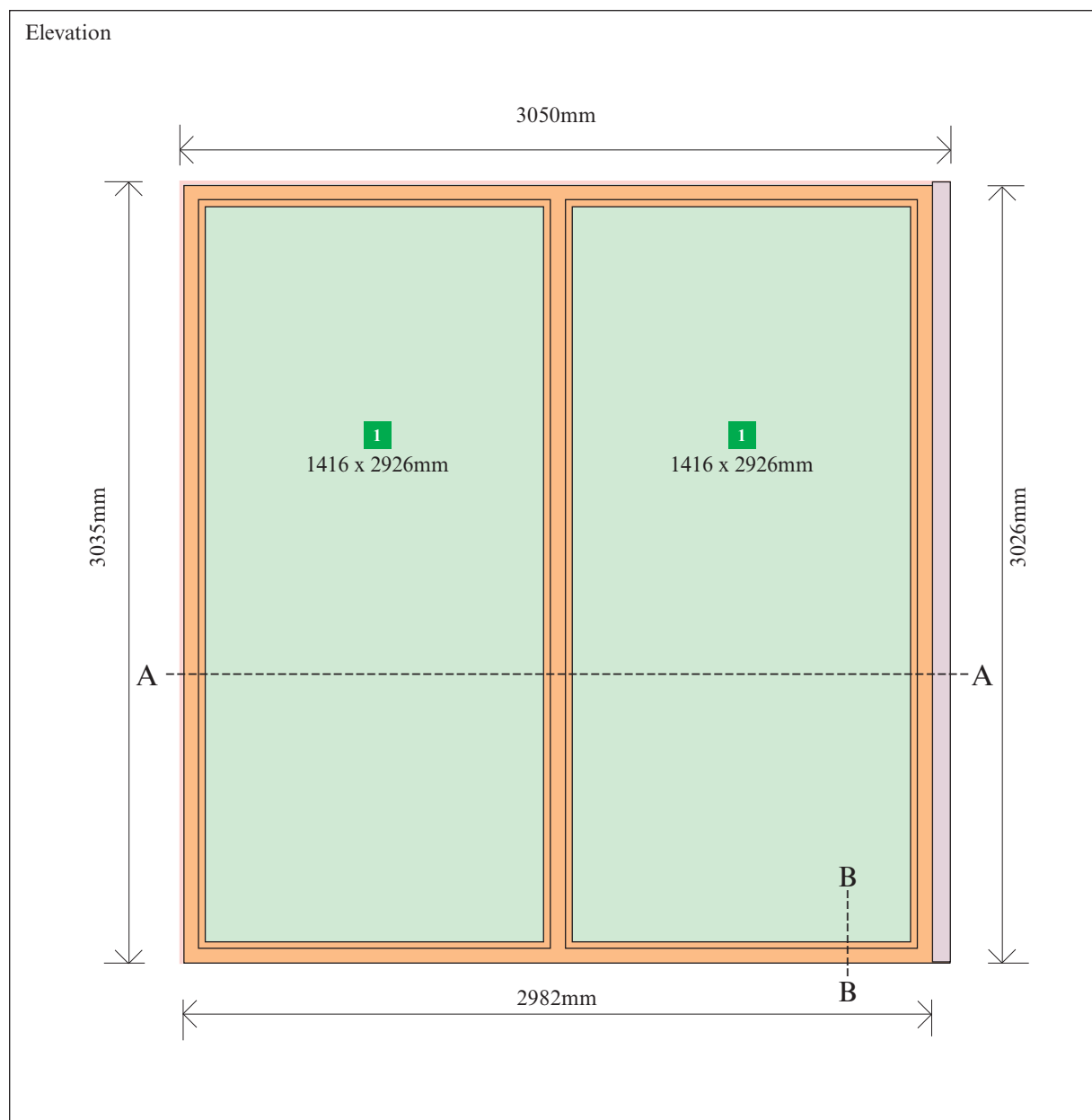
Sealmaster Limited

Test Standard:

BS 476: Part 22: 1987

General description of the assembly

- 6mm Pilkington PYROSHIELD *Safety* Clear glass
- Dark hardwood frame
- Dark hardwood glazing beads
- Glass bedded into SEALMASTER LTD. Fireglaze intumescent compound

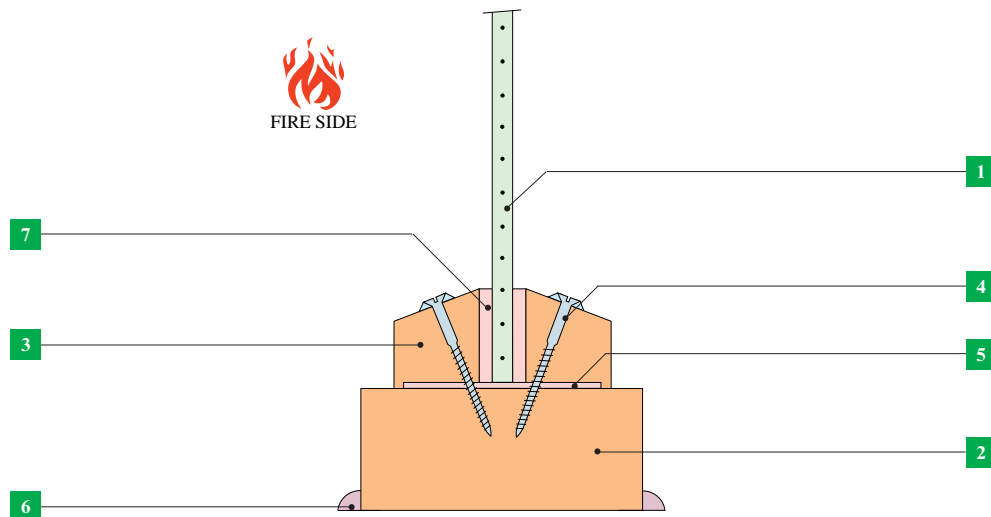


Glazing dimensions are actual glass sizes

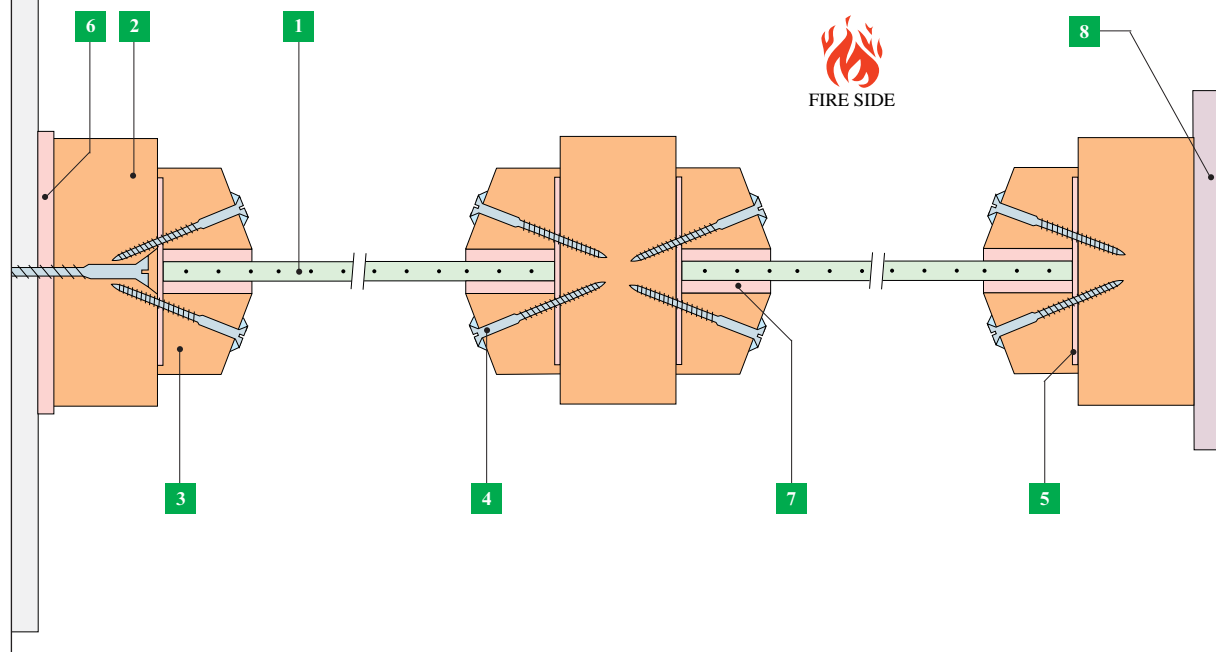
Key to figures

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1 6mm Pilkington PYROSHIELD <i>Safety</i> Clear glass</p> <p>2 93 x 44mm dark hardwood frame (nominal density 650 kg/m³)</p> <p>3 36 x 28mm dark hardwood glazing beads chamfered to 25°</p> <p>4 75mm No.8 steel wood screws at 180mm horizontal and 198mm vertical centres</p> | <p>5 63 x 2mm SEALMASTER LTD. GL60 intumescent liner</p> <p>6 SEALMASTER LTD. Masterseal</p> <p>7 4mm SEALMASTER LTD. Fireglaze compound</p> <p>8 Ceramic fibre insulation</p> |
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Section B—B



Section A — A



Scope

The results of this test only relate 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.

Pilkington PYROSHIELD Safety glass is classified as a Class C safety glass according to the impact performance requirements of BS 6206:1981, and has been tested extensively 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 of this document 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.

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PILKINGTON

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