



FIRE
RESISTANT
GLASSES

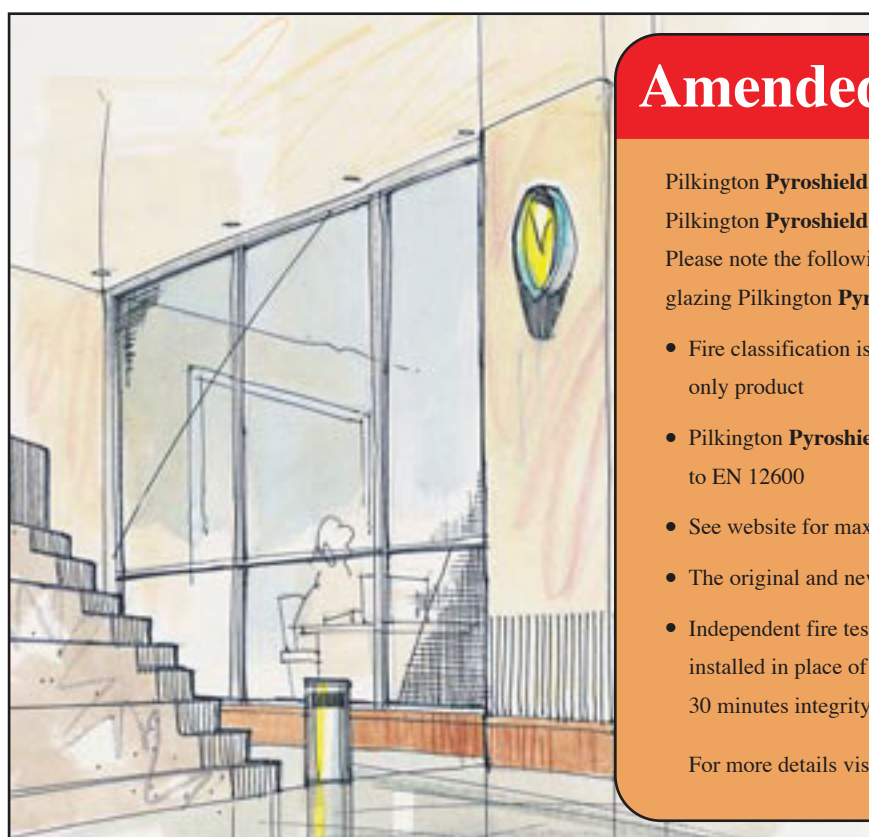
CI/SfB

Ro4 (Aq)

January 1997

Pilkington PYROSHIELD Clear

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Pilkington **Pyroshield™** has been superseded by Pilkington **Pyroshield™ 2** which has different characteristics.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

Multi-pane Timber Screen
30 minutes integrity

Test Reference FR 1636



PILKINGTON

Multi-pane Timber Screen

30 minutes integrity

Test Reference:

FR1636

Test Station:

Timber Research and Development Association

Test Date:

28th July 1992

Test Sponsor:

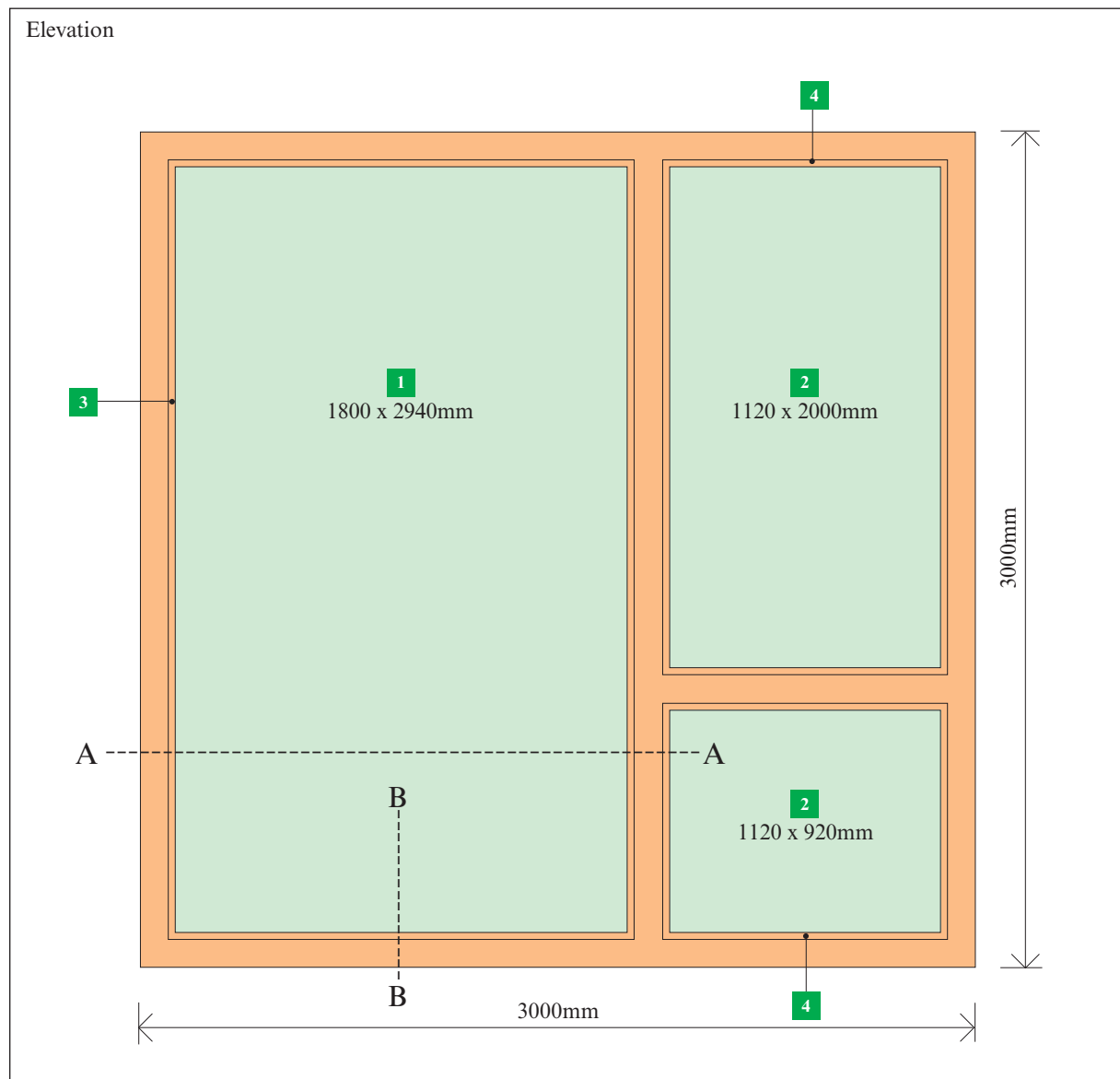
Sealmaster Limited

Test Standard:

BS 476: Part 22: 1987

General description of the assembly

- 6mm Pilkington PYROSHIELD Clear and Pilkington PYROSHIELD *Safety* Clear glasses
- Multi-pane hardwood screen
- Hardwood glazing beads
- Glasses bedded into SEALMASTER LTD. Fireglaze intumescent compound



Glazing dimensions are actual glass sizes

Key to figures

1 6mm Pilkington PYROSHIELD *Safety* Clear glass

2 6mm Pilkington PYROSHIELD Clear glass

3 20 x 25mm Utile hardwood glazing beads (nominal density 660 kg/m³) chamfered to 15°

4 15 x 25mm Utile hardwood glazing beads chamfered to 15°

5 25 x 80mm Utile hardwood frame

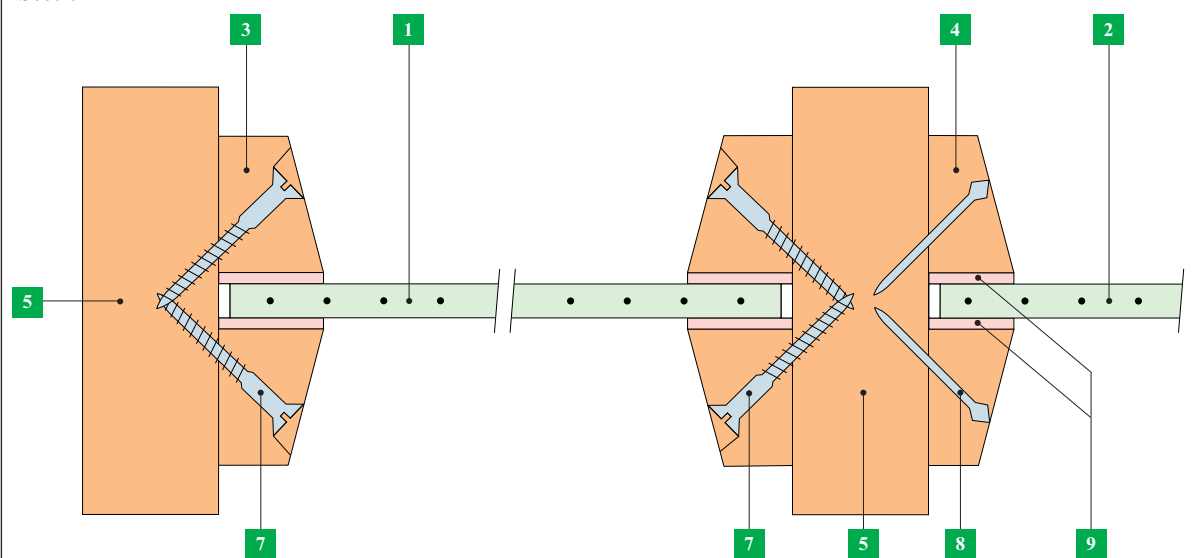
6 5mm hardwood setting block

7 38mm No.8 countersunk steel wood screws at nominal 150mm centres, approximately 45° to the vertical

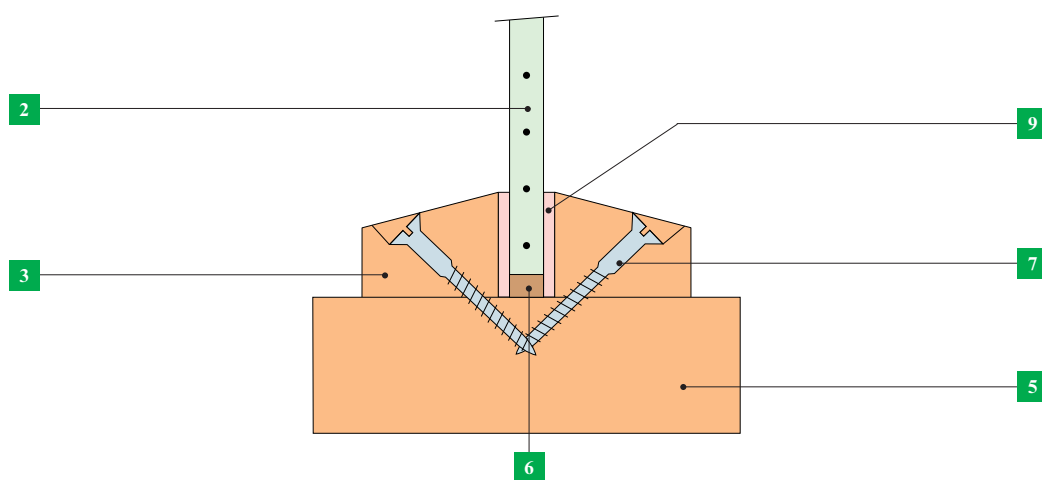
8 32mm lost head panel pins at nominal 150mm centres, approximately 45° to the vertical

9 1.5mm to 3mm thick SEALMASTER LTD. Fireglaze intumescent compound

Section A--A



Section B--B



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. Both Pilkington PYROSHIELD and Pilkington PYROSHIELD Safety glasses have 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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