



Pilkington Pyroshield™ Safety Clear

FIRE TEST SUMMARY

Softwood Timber Screen - 30 minutes integrity

REFERENCE: WARRES 70068

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Pilkington Pyroshield™ has been superseded by Pilkington Pyroshield™ 2 which has different characteristics.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



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Pilkington **Pyroshield**TM Safety Clear in Multi-pane Timber Screen

30 minutes integrity

A monolithic safety wired glass providing integrity fire protection and a level of impact safety.

TEST REFERENCE:
WARRES 70068

TEST STATION:
Warrington Fire Research Centre

TEST DATE:
6th December 1996

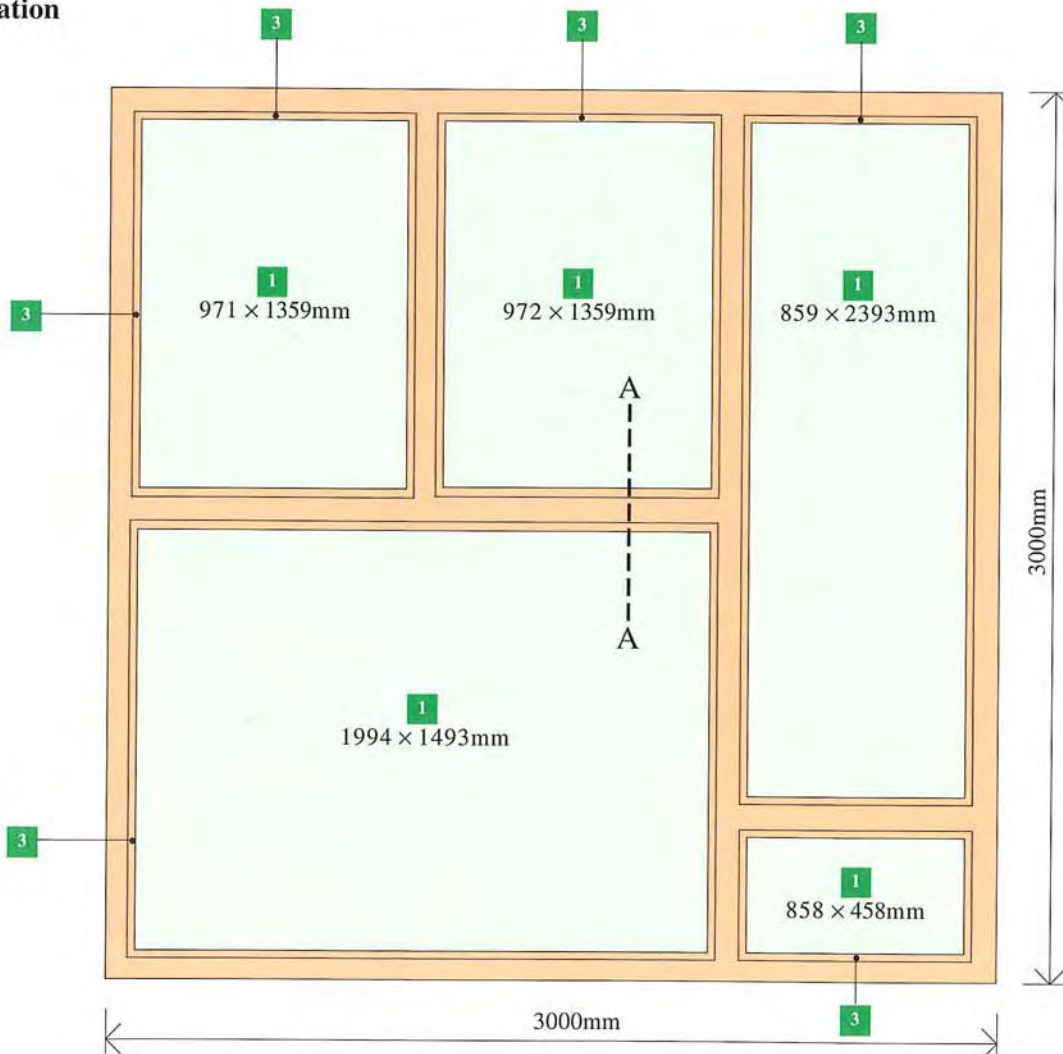
TEST SPONSOR:
Hodgson Sealants Ltd

TEST STANDARD:
BS 476: Part 22: 1987

GENERAL DESCRIPTION OF THE ASSEMBLY

- 6mm Pilkington **Pyroshield** Safety Clear
- Multi-pane softwood screen
- Hardwood glazing beads
- Glass bedded into HODGSON SEALANTS Firestrip 30 intumescent strip

Elevation

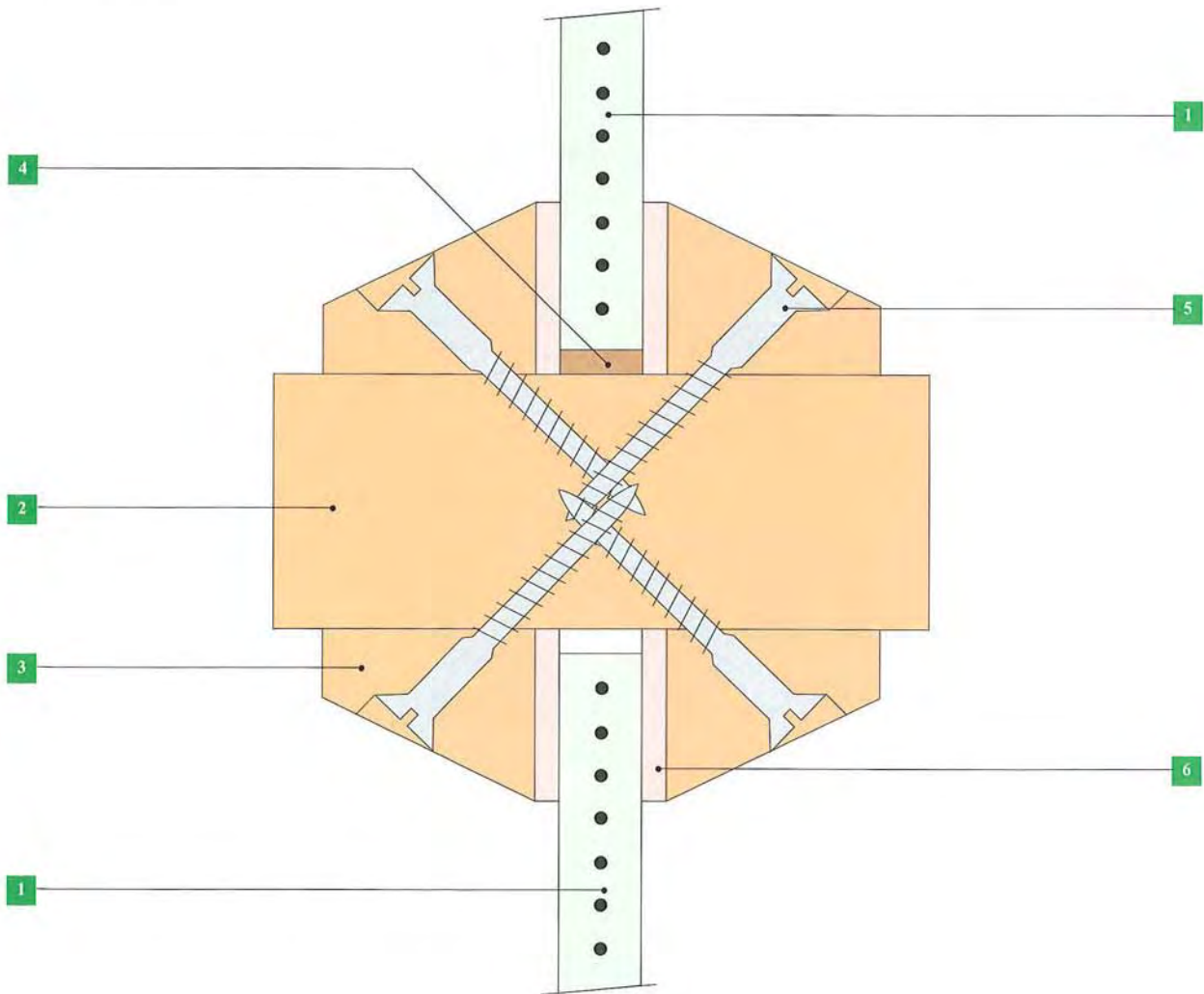


Glass dimensions are actual sizes

Key to figures

- 1** 6mm Pilkington **Pyroshield** Safety Clear
- 2** 80 × 45mm Scandinavian Redwood softwood frame (nominal density 560 kg/m³)
- 3** 13 × 21mm Sapele hardwood glazing beads chamfered to 10°
- 4** 3mm hardwood setting block
- 5** 38mm No.8 countersunk steel wood screws at nominal 150mm centres, approximately 45° to the vertical
- 6** 12 × 3mm HODGSON SEALANTS Firestrip 30 intumescent strip
Specification clause:
Fire glazing system FG2 glazed in accordance with the glazing system details obtainable from Hodgsons Sealants Ltd.

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.

Pilkington **Pyroshield** Safety Clear 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 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 **Pyroshield**[™] Safety Clear is a trade mark of the Pilkington Group.

For technical advice please contact the numbers below.



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