



Pilkington **Pyroshield**TM Safety Clear

FIRE TEST SUMMARY

Softwood Timber Screen - 60 minutes integrity

REFERENCE: WARRES 103033

Amended October 2009

Pilkington **Pyroshield**TM has been superseded by Pilkington **Pyroshield**TM 2 which has different characteristics.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

- Fire classification is only as a 30 minute integrity only product
- Pilkington **Pyroshield**TM 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**TM 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

60 minutes integrity

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

TEST REFERENCE:
WARRES 103033

TEST STATION:
Warrington Fire Research Centre

TEST DATE:
29th June 1998

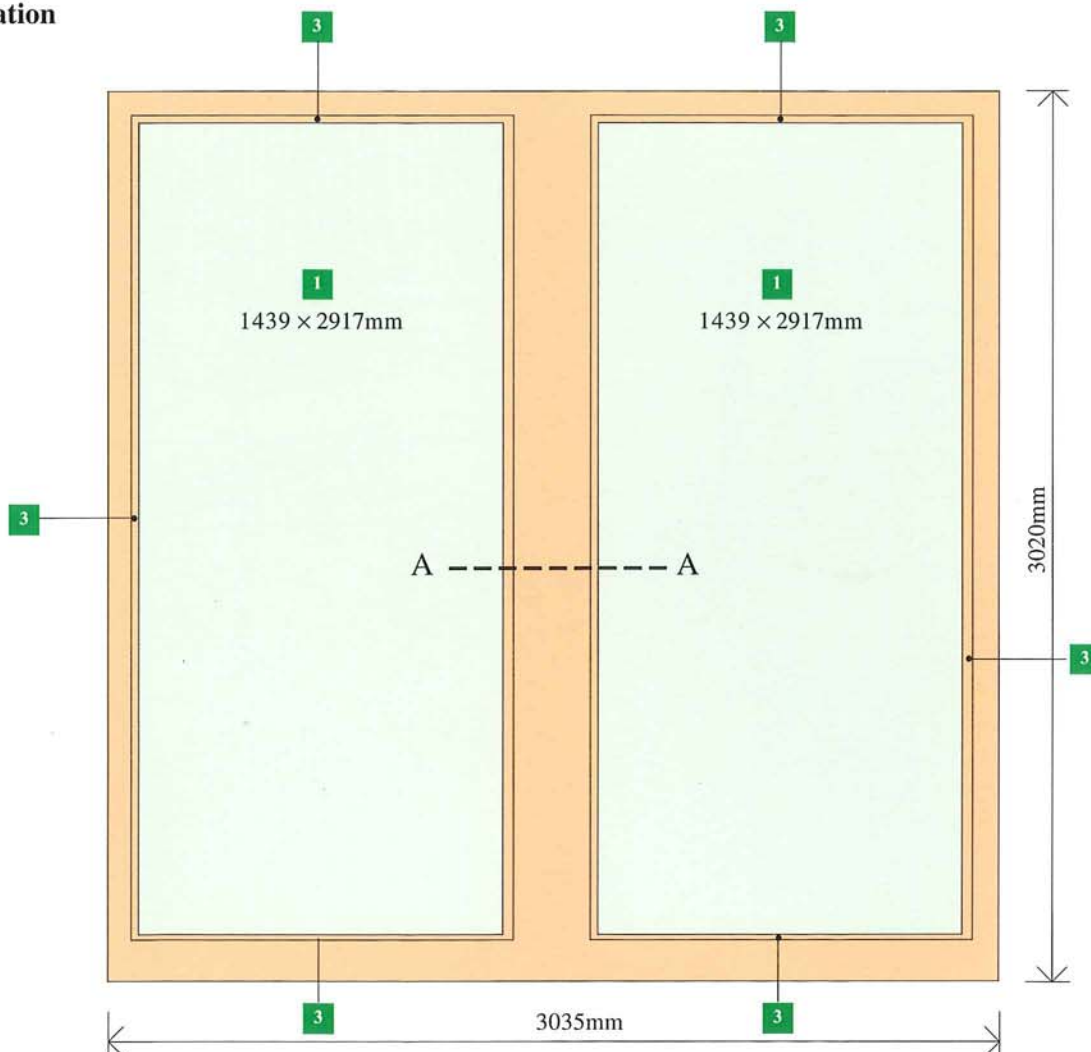
TEST SPONSOR:
Sealmaster

TEST STANDARD:
BS 476: Part 22: 1987

GENERAL DESCRIPTION OF THE ASSEMBLY

- 6mm Pilkington **Pyroshield** Safety Clear
- Multi-pane softwood screen
- Softwood glazing beads
- Glazed with Sealmaster FIREGLAZE
2000 intumescent strip

Elevation

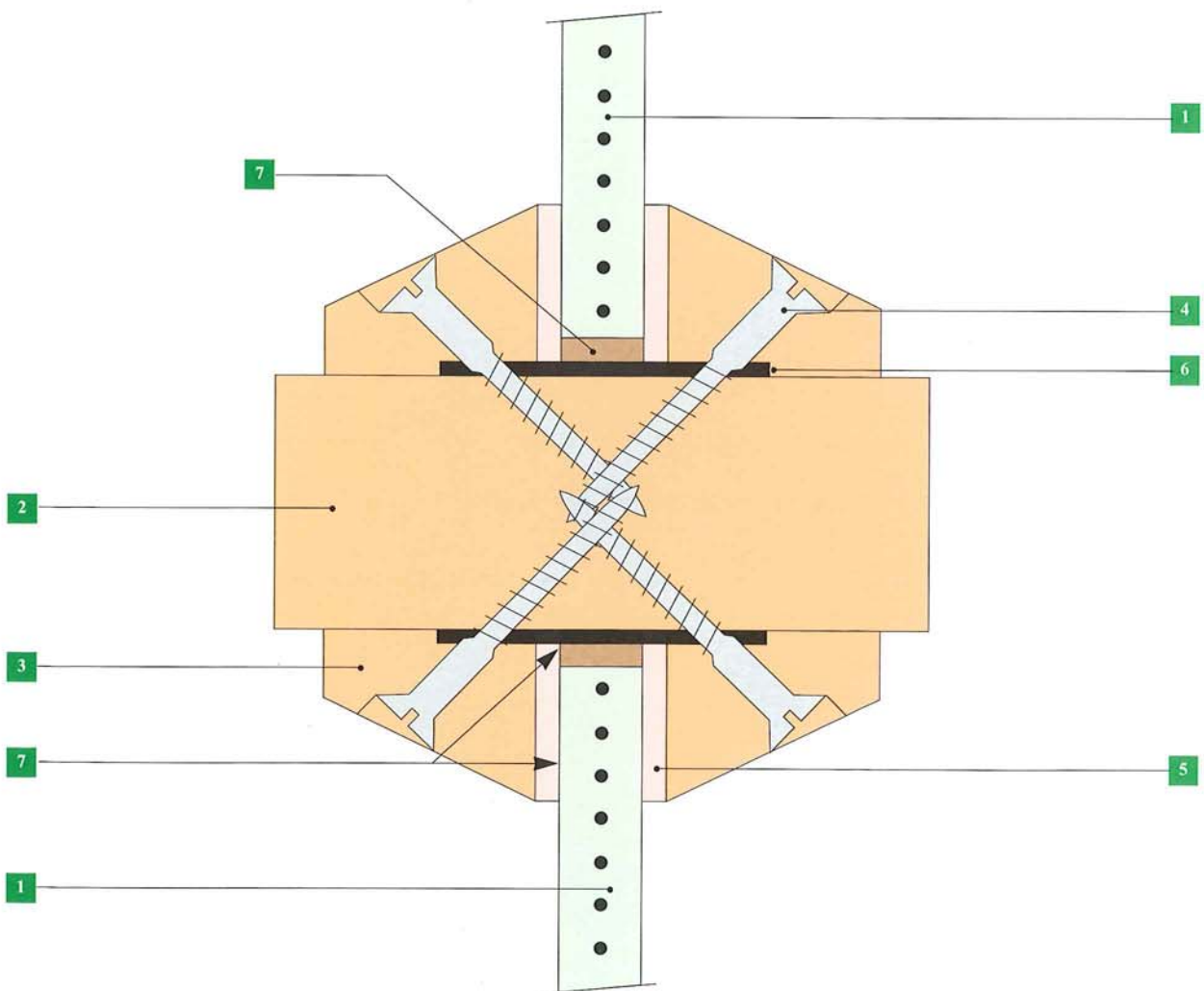


Glass dimensions are actual sizes

Key to figures

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|---|--|
| <p>1 6mm Pilkington Pyroshield Safety Clear</p> <p>2 90 × 45mm European Redwood softwood frame (nominal density 520 kg/m³)</p> <p>3 37 × 28mm European Redwood glazing beads</p> | <p>4 75mm long × 4.3mm diameter countersunk steel wood screws at nominal 180mm centres, approximately 25° to the vertical</p> <p>5 34 × 5.3mm Sealmaster FIREGLAZE 2000 intumescent strip</p> <p>6 63 × 2mm Sealmaster FIREGLAZE LINER GL60</p> <p>7 Sealmaster FIREGLAZE intumescent mastic</p> |
|---|--|

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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