



Pilkington **Pyrodur™** Plus

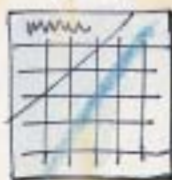
FIRE TEST SUMMARY

Timber Doorsets – 30 minutes integrity

REFERENCE: RF 00137



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PILKINGTON

Pilkington **Pyrodur**TM Plus Timber Doorsets

30 minutes integrity

A clear fire-resistant glass providing integrity and partial insulation with impact resistance for doors and screens.

TEST REFERENCE:
RF 00137

TEST STATION:
Chiltern International Fire

TEST DATE:
21st September 2000

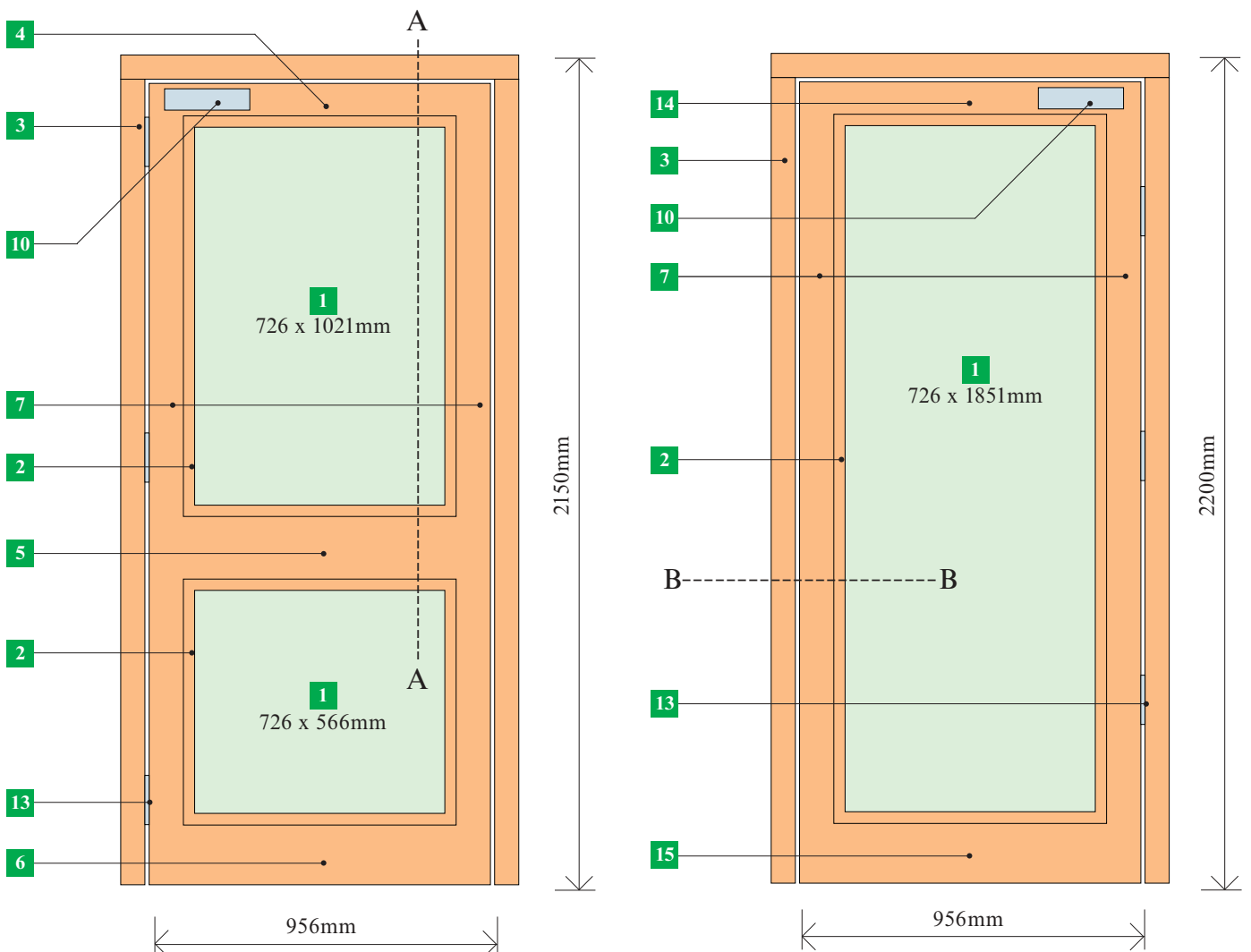
TEST SPONSOR:
Pilkington Technology
Management Limited

TEST STANDARD:
BS EN 1634-1:2000
BS EN 1363-1:1999

GENERAL DESCRIPTION OF THE ASSEMBLY

- 7.5mm Pilkington **Pyrodur**TM Plus
- Two single leaf, single acting glazed doorsets
- Hardwood frame and door leaf
- Hardwood glazing beads
- Intumescent seals incorporated into the construction

Elevation

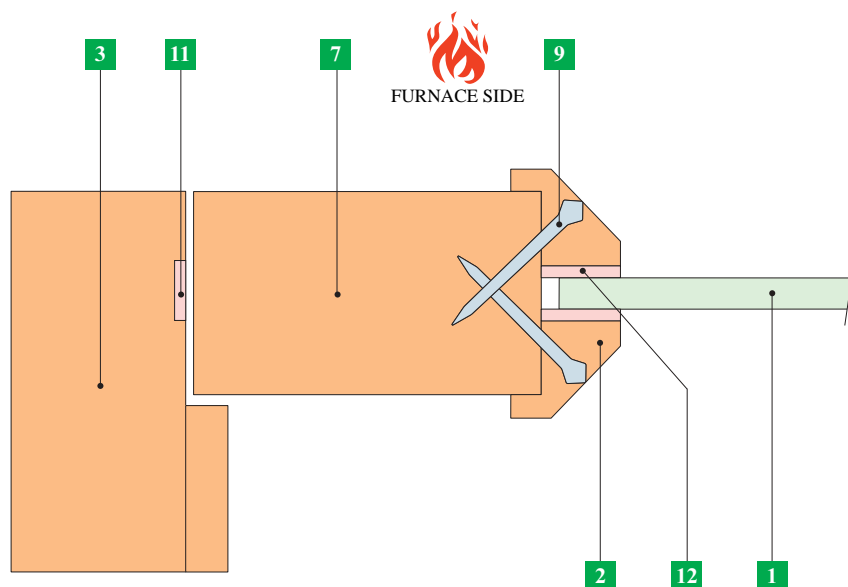


*Glazing dimensions are actual glass sizes
Diagrams are not to exact proportions*

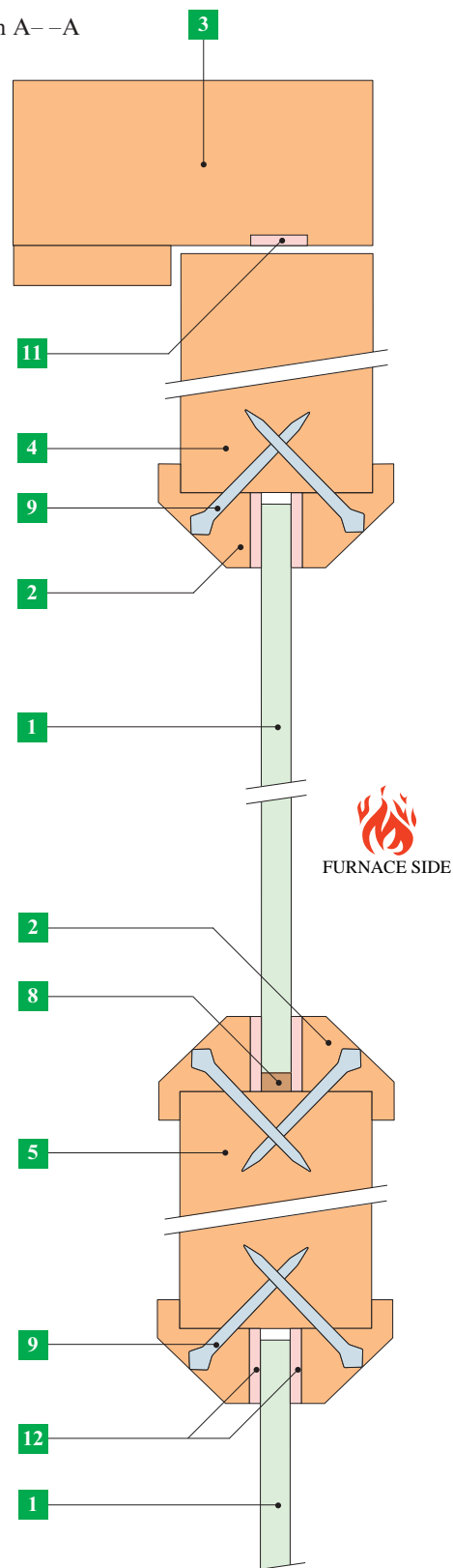
Key to figures

- 1** 7.5mm Pilkington **Pyrodur™** Plus
- 2** 24 x 20mm Sapele hardwood beads chamfered to 15° with 4 x 4mm bolection return
- 3** 85 x 45mm Sapele hardwood frame (nominal density 650 kg/m³) plus 30 x 13mm planted stop
- 4** 95 x 44mm Sapele hardwood top rail (measured density 649 kg/m³)
- 5** 180 x 44mm Sapele hardwood mid-rail
- 6** 215 x 44mm Sapele hardwood bottom rail
- 7** 95 x 44mm Sapele hardwood stiles
- 8** 3mm hardwood setting block
- 9** 38mm steel pins at nominal 150mm centres, approximately 30° to face of glass
- 10** 233 x 60mm Dorma Door Controls Ltd TS73V overhead closer
- 11** 20 x 4mm Lorient Polyproducts Ltd LP2004
- 12** 20 x 2mm Dufaylite Developments Ltd Interdens intumescent seal
- 13** 100 x 35mm Royde & Tucker H101 hinges
- 14** 95 x 44mm Sapele hardwood top rail (nominal density 643 kg/m³)
- 15** 220 x 44mm Sapele hardwood bottom rail (nominal density 643 kg/m³)

Section B—B



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 **Pyrodur**[™] Plus is classified as a Class C impact glass according to the performance requirements of BS 6206: 1981, and has been tested in accordance with the fire test requirements of BS EN 1634-1:2000 and BS EN 1363-1:1999.

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 **Pyrodur**[™] Plus is a trade mark of the Pilkington Group.

For technical advice please contact us on the number below.



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