



Pilkington Pyrostop™

FIRE TEST SUMMARY

Timber Doorset

60 minutes Integrity and 60 minutes Insulation

REFERENCE: RF 05035



PILKINGTON

Pilkington Pyrostop™ in Timber Doorset

60 minutes Integrity and 60 minutes Insulation

Pilkington Pyrostop™ is a clear fire-resistant glass providing integrity and insulation with impact resistance for screens and doors.

Test reference:

RF 05035

Test station:

Chiltern International Fire Ltd

Test date:

19th April 2005

Test sponsor:

Pilkington Technology Management Ltd

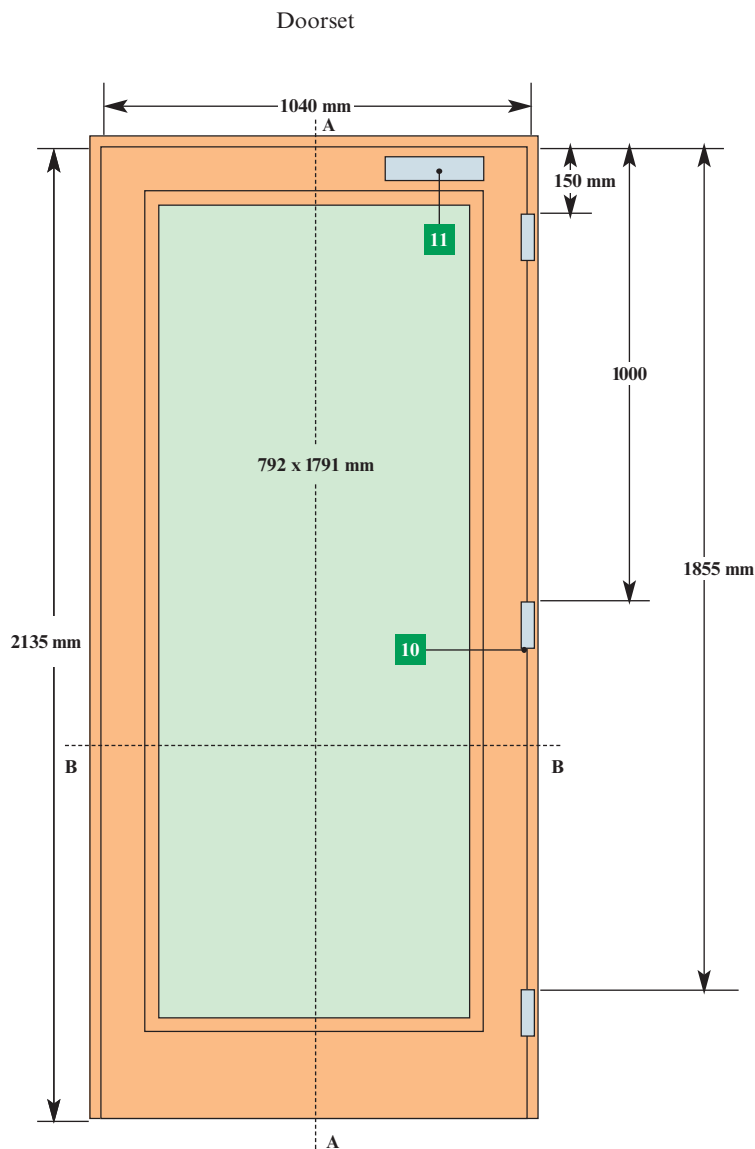
Test standard:

BS EN 1363 : Part 1 : 1999

BS EN 1634 : Part 1 : 2000

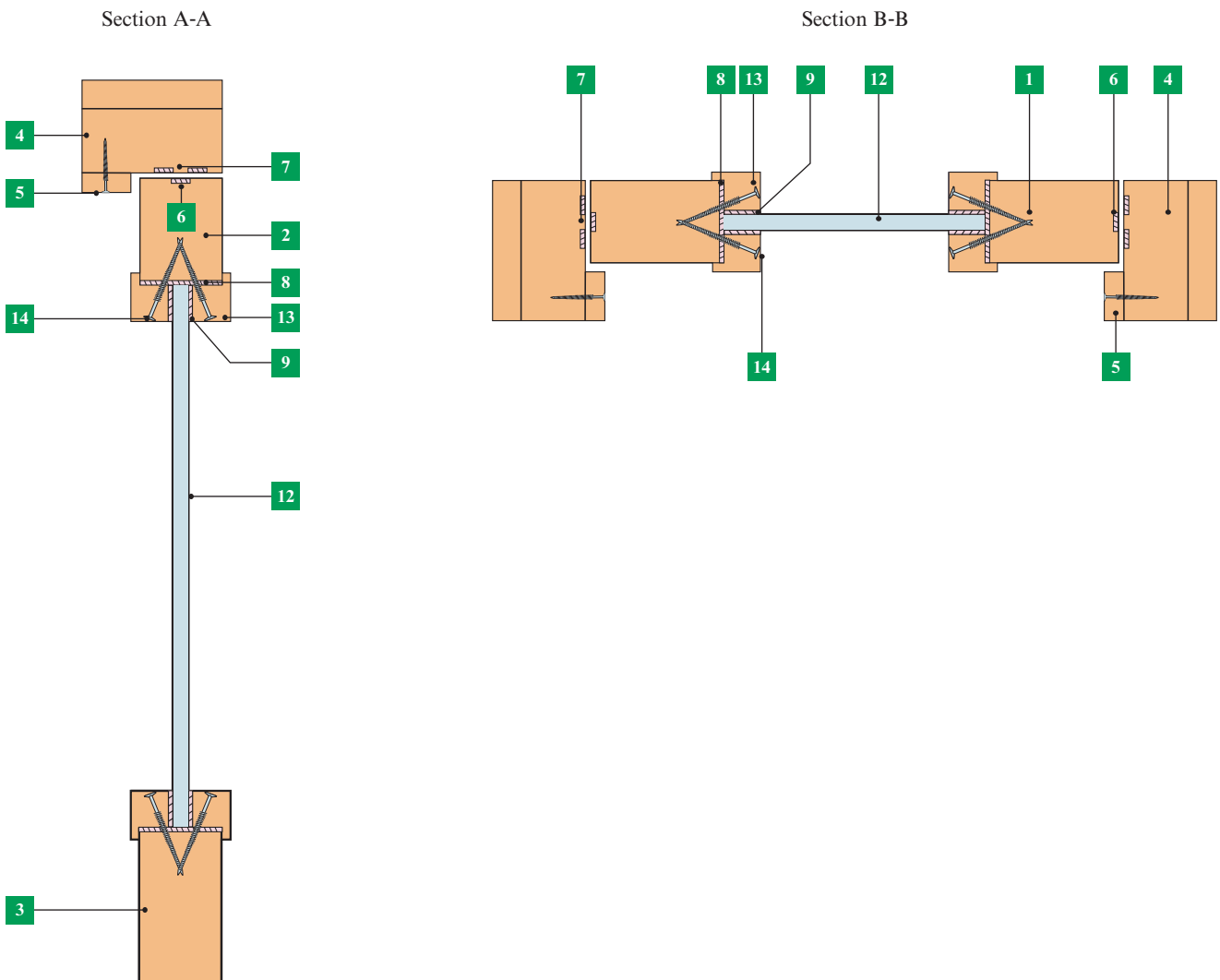
General description of the assembly

- 23mm Pilkington Pyrostop™ 60-101
- Single leaf, single acting glazed doorset
- Hardwood frame and door leaf
- Hardwood glazing beads
- Intumescent seals incorporated into the construction



Key to figures

- 1 Stiles Sapele 100mm wide x 54mm thick (nominal density 640kg/m³)
- 2 Rail Top – Sapele 100mm wide x 54mm thick (nominal density 640kg/m³)
- 3 Rail Bottom – Sapele 200mm wide x 54mm thick (nominal density 640kg/m³)
- 4 Heads & Jambs – Sapele 90mm wide x 44mm thick (nominal density 640kg/m³)
- 5 Stops – Sapele planted (pinned) 36mm wide x 13mm deep (nominal density 640kg/m³)
- 6 Door edge – Head and vertical edges – 1No Lorient Polyproducts Ltd LP1504 15mm x 4mm
- 7 Frame reveal – Heads & Jambs – 2 No Lorient Polyproducts Ltd LP1504 15mm x 4mm
- 8 Norseal Flexible Liner 50mm x 2mm
- 9 Hodgson Sealants Firestrip 60 20mm x 3mm
- 10 Hinges – 3 No Royde & Tucker Hi-load lift off type 100mm x 35mm (blade size) fitted 150, 1000 and 1855mm from the head of the leaf
- 11 Dorma Door Controls Ltd TS83 overhead type 293mm x 60mm
- 12 23mm Pilkington **Pyrostop**[™] 60-101
- 13 Beading – Sapele 20mm high x 12.5mm deep with a 5mm x 5mm deep bolection return
- 14 Steel wood screws 60mm long, fitted 50mm from the corners 150mm apart, at 30° to the face of the glass



Scope

The results of this assessment 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.

23mm Pilkington **Pyrostop**[™] 60-101 is classified as a Class A safety glass according to the impact performance requirements of BS 6206 : 1981, and has been tested in accordance with the fire test requirements of BS EN 1363 : Part 1 : 1999 and BS EN 1634 : Part 1 : 2000.

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.

Pilkington United Kingdom Limited hereby disclaim all liability howsoever arising from any error in or omission from this publication and for all consequences of relying on it.

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

For technical advice please contact us on the number below.



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