



FIRE
RESISTANT
GLASSES

Pilkington PYRODUR



F I R E T E S T S U M M A R Y

Single Acting Timber Doorset
30 minutes integrity

Test Reference FR 1507



PILKINGTON

Single Acting Timber Doorset

30 minutes integrity

Test Reference:

FR1507

Test Station:

Timber Research and Development Association

Test Date:

21st November 1990

Test Sponsor:

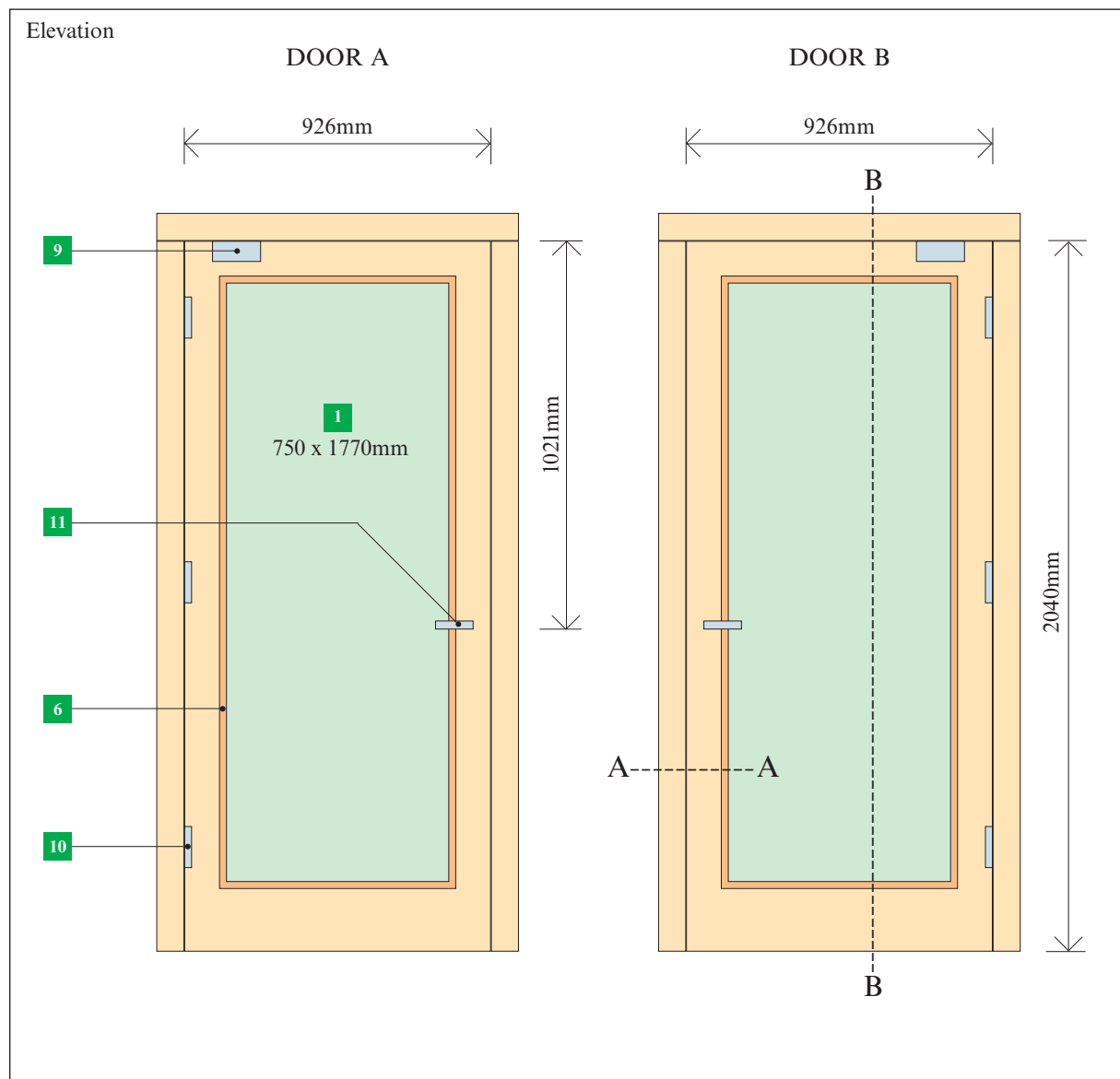
Pilkington United Kingdom Limited

Test Standard:

BS 476: Part 22: 1987

General description of the assembly

- 10mm Pilkington PYRODUR glass
- Two single leaf, single acting timber doorsets
- Softwood frames and door leaves
- Hardwood glazing beads
- Intumescent seals incorporated into both doorsets



Glazing dimensions are actual glass sizes

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 PYRODUR glass is classified as a Class B 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 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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PILKINGTON

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Key to figures

- 1** 10mm Pilkington PYRODUR glass
- 2** 94 x 56mm European Redwood softwood frame (nominal density 510 kg/m³) plus 12mm planted stop
- 3** 92 x 43mm Douglas Fir softwood top rail (nominal density 530 kg/m³)
- 4** 183 x 43mm Douglas Fir softwood bottom rail
- 5** 92 x 43mm Douglas Fir softwood stile
- 6** 20 x 15mm chamfered Utile hardwood bead (nominal density 660 kg/m³)
- 7** 5mm hardwood setting block
- 8** 38mm No.8 countersunk steel wood screws at nominal 200mm centres, approximately 45° to the vertical
- 9** BRITON 2003/S overhead closer
- 10** 100 x 35mm steel butt hinges bedded onto MANN McGOWAN FABRICATIONS LTD. Pyrohinge
- 11** Latch with lever handles
- 12** 10 x 2mm DUFAYLITE DEVELOPMENTS LTD. Interdens intumescent seal
- 13** 25 x 4mm MANN McGOWAN FABRICATIONS LTD. Pyrostrip 500P intumescent seal
- 14** 10 x 4mm INTUMESCENT SEALS LTD. Therm-a-seal intumescent seals

