



FIRE
RESISTANT
GLASSES

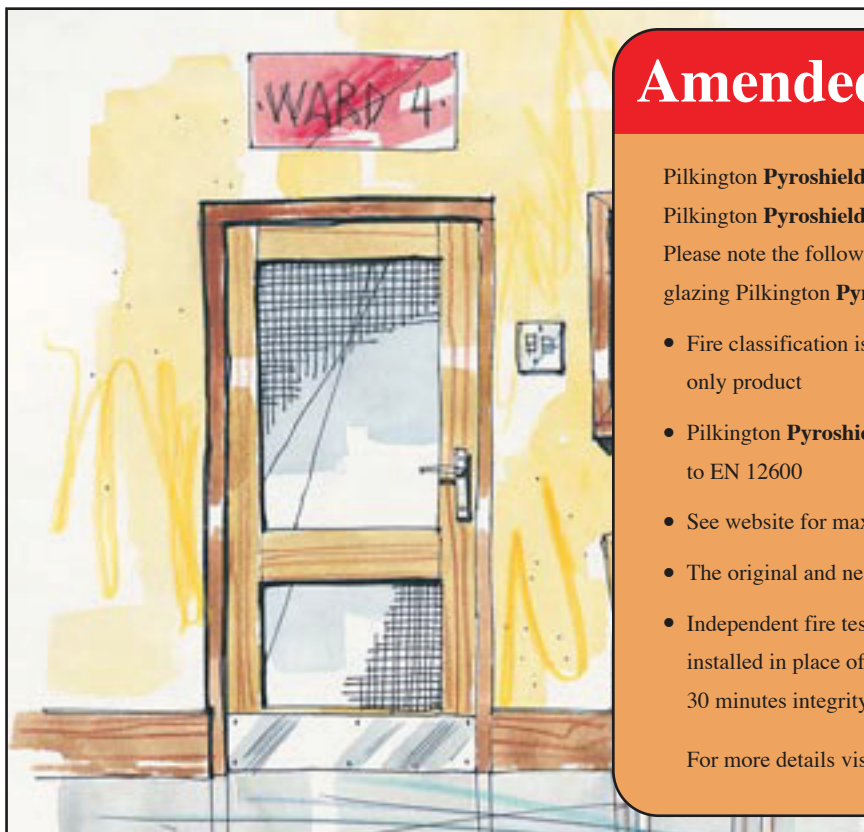
CI/SfB

Ro4 (Aq)

January 1997

Pilkington PYROSHIELD *Safety* Clear

Pilkington PYROSHIELD *Safety* Texture



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Pilkington **Pyroshield™** has been superseded by Pilkington **Pyroshield™ 2** which has different characteristics.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

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

Timber Doorset
30 minutes integrity

Assessment Reference 709A



PILKINGTON

Timber Doorset

30 minutes integrity

Assessment Reference:

709A

Test Station:

Timber Research and Development Association

Date:

3rd April 1995

Sponsor:

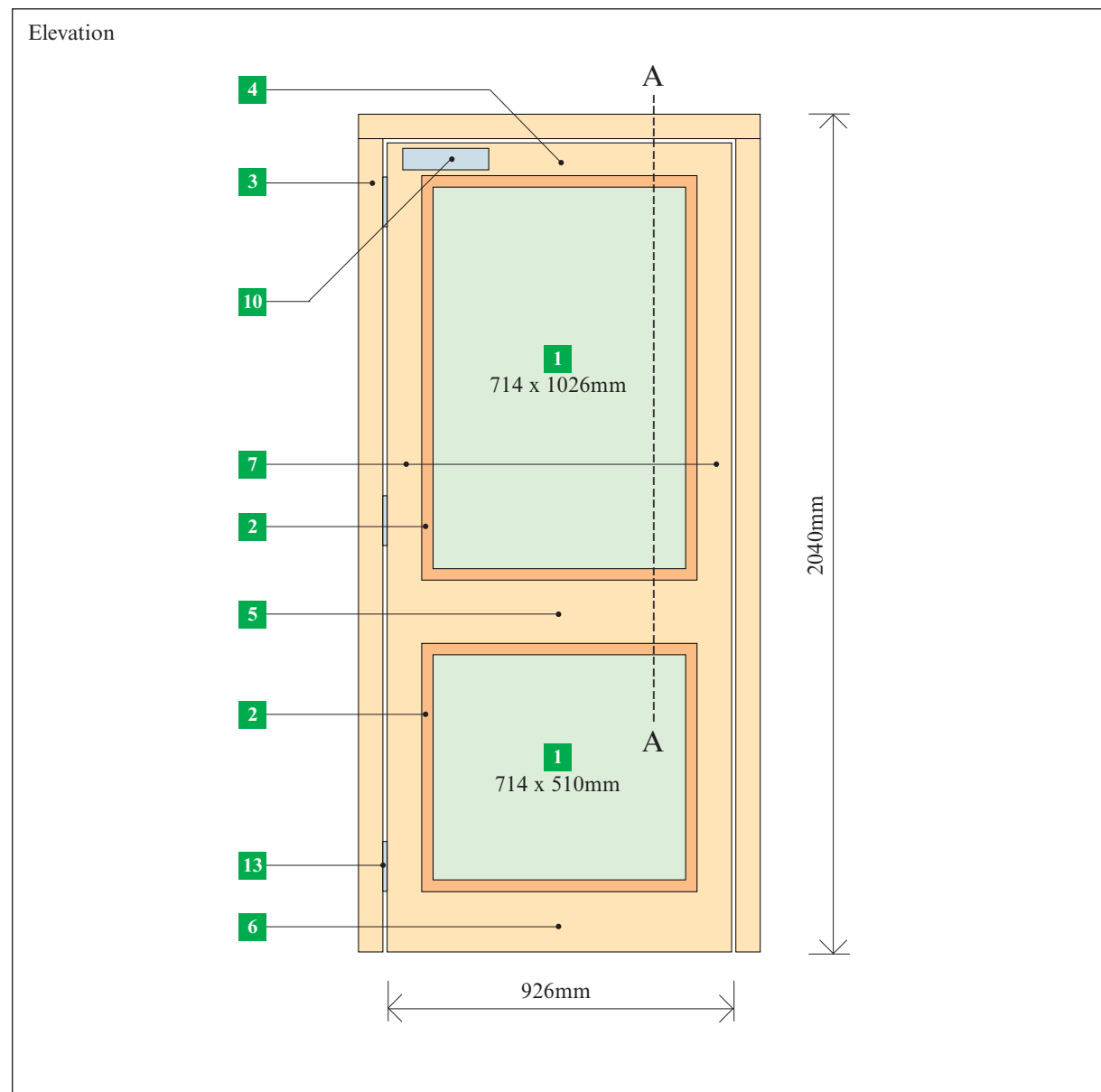
Pilkington United Kingdom Limited

Test Standard:

BS 476: Part 22: 1987

General description of the assembly

- Pilkington PYROSHIELD *Safety* Clear or Pilkington PYROSHIELD *Safety* Texture glasses
- Single leaf, single acting unlatched 2 x GG doorset
- Softwood frame and door leaf
- Hardwood glazing beads
- Intumescent seals incorporated into the construction

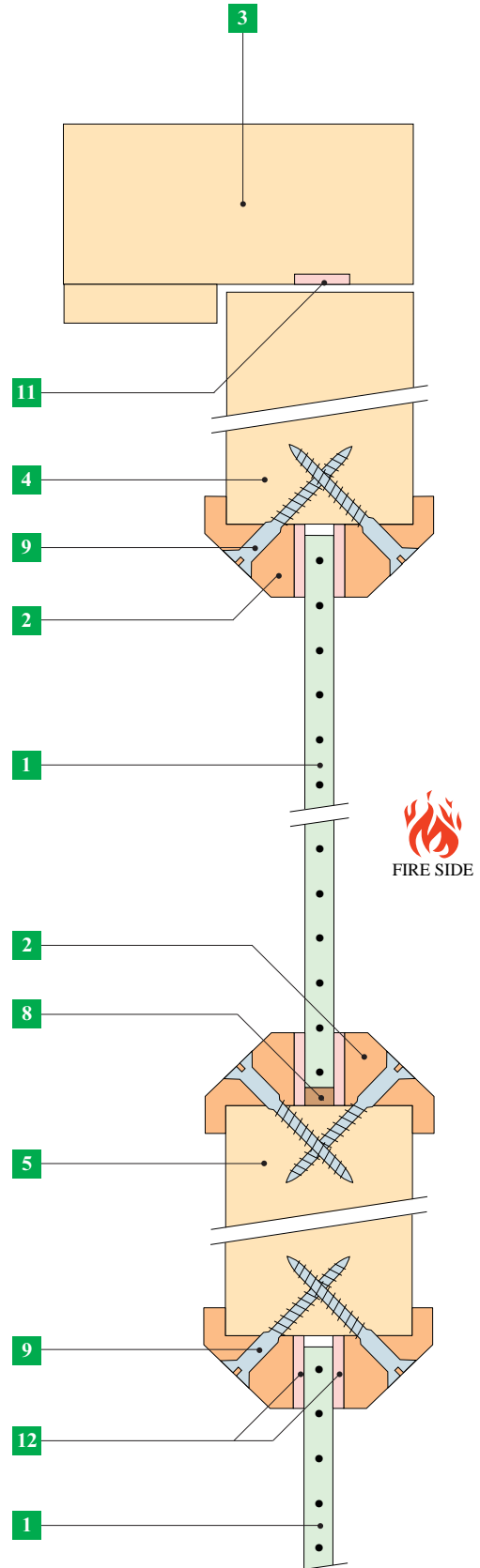


Glazing dimensions are actual glass sizes

Key to figures

- 1** 6mm Pilkington PYROSHIELD *Safety* Clear or 7mm Pilkington PYROSHIELD *Safety* Texture glass
- 2** 27 x 23mm Padang hardwood beads (nominal density 720 kg/m³) chamfered to 45°
- 3** 90 x 40mm European Redwood softwood frame (nominal density 510 kg/m³) plus 13mm planted stop
- 4** 85 x 44mm Hemlock softwood top rail (nominal density 470 kg/m³)
- 5** 164 x 44mm Hemlock softwood mid-rail
- 6** 174 x 44mm Hemlock softwood bottom rail
- 7** 82 x 44mm Hemlock softwood stiles
- 8** 5mm hardwood setting block
- 9** 38mm No.8 steel wood screws at nominal 150mm centres, approximately 40° to the vertical
- 10** BRITON 2003/S overhead closer
- 11** 10 x 3mm MANN McGOWAN FABRICATIONS LTD. Pyrostrip 100P or 10 x 4mm INTUMESCENT SEALS LTD. Therm-a-seal intumescent seals
- 12** 10 x 2mm DUFAYLITE DEVELOPMENTS LTD. Interdens intumescent seals
- 13** 100 x 35mm steel butt hinges

Section A—A



Scope

The results of this assessment only relate to the anticipated 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 glass 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 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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