



FIRE
RESISTANT
GLASSES

Pilkington PYROSTOP



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

Multi-pane Timber Screen
60 minutes integrity & 30 minutes insulation

Assessment Reference C 81597



PILKINGTON

Multi-pane Timber Screen

60 minutes integrity &
30 minutes insulation

Assessment Reference:

C81597

Test Station:

Warrington Fire Research Centre

Date:

1st July 1995

Sponsor:

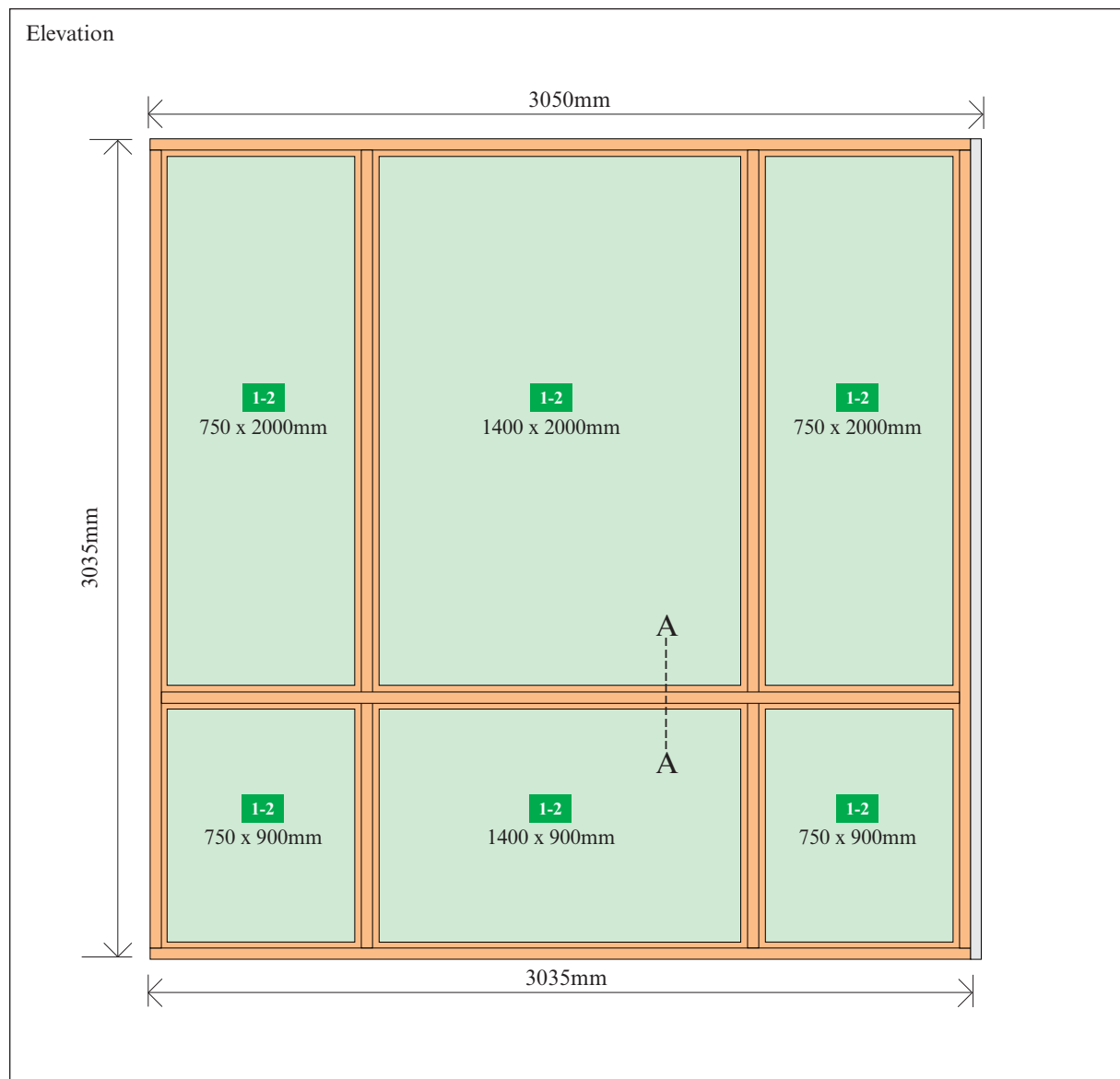
Pilkington United Kingdom Limited

Test Standard:

BS 476: Part 22: 1987

General description of the assembly

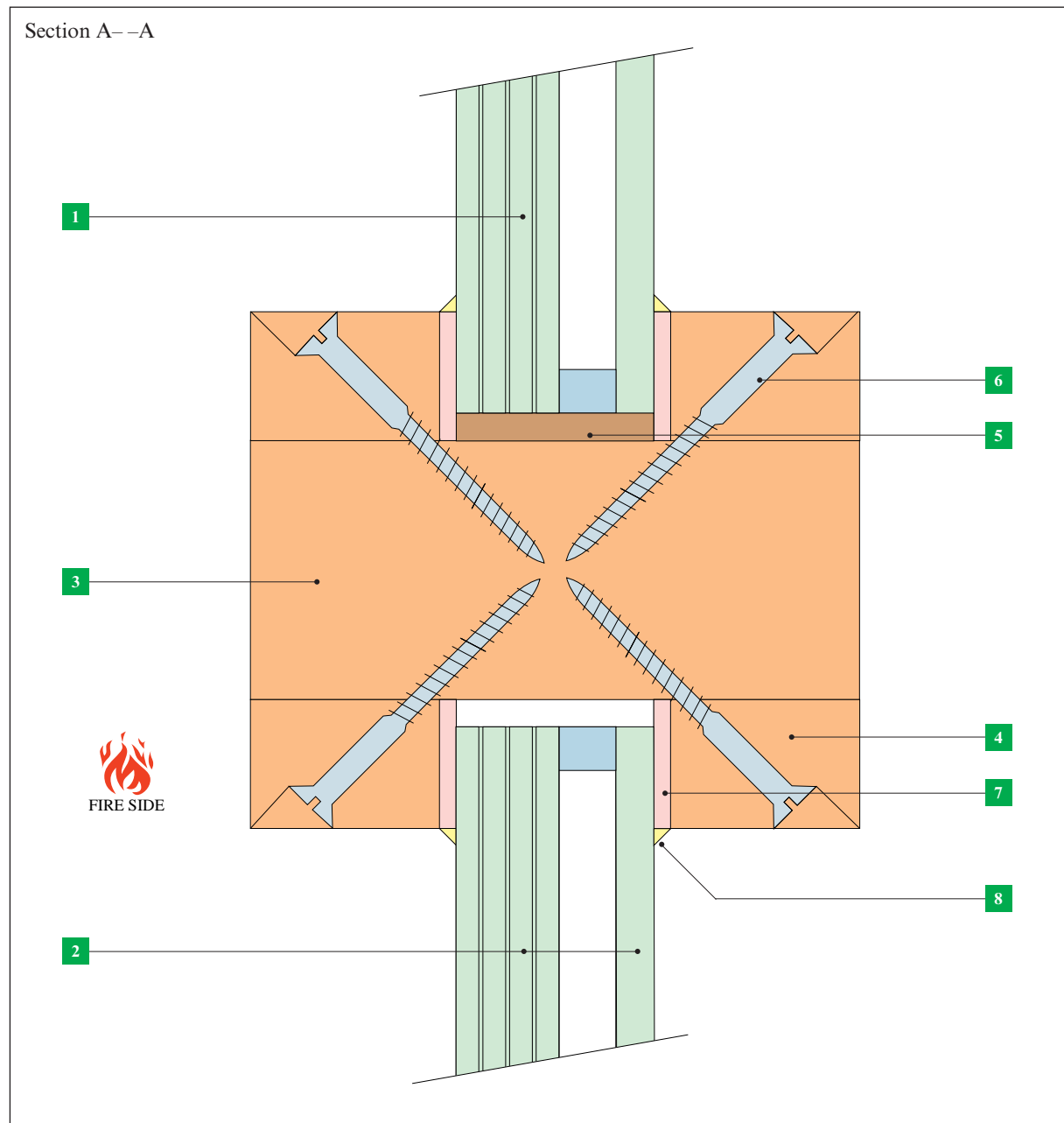
- 15mm Pilkington PYROSTOP glass or 18mm Pilkington PYROSTOP glass
- Single glazing, or double glazed with non-fire rated glass
- Multi-pane hardwood screen
- Hardwood glazing beads
- Intumescent material incorporated into the construction



Glazing dimensions are actual glass sizes

Key to figures

- 1** 15mm Pilkington PYROSTOP glass or 18mm Pilkington PYROSTOP glass
- 2** Double glazing unit (Pilkington PYROSTOP/8mm cavity/6mm secondary pane)
- 3** 95 x 40mm hardwood frame (minimum density 640 kg/m³) Dimension varied to suit thickness of single glazing or double glazed unit and dimension of glazing beads.
- 4** 30 x 20mm hardwood glazing beads
- 5** 5mm thick hardwood setting block
- 6** 50mm long No. 8 or No. 10 steel screws at nominal 200mm centres. Screw fixings splayed so that screws extend at least 40mm into framing members.
- 7** 20 x 3mm proprietary glazing medium, either:
CARBORUNDUM RESISTANT MATERIALS LTD.
Fibrefrax ceramic tape
DUFAYLITE DEVELOPMENTS LTD.
Interdens intumescent seal
MANN McGOWAN FABRICATIONS LTD.
Pyroglaze 500P
- 8** Mastic pointing, either:
Intumescent mastic, or
ADSHEAD RATCLIFFE & Co. LTD.
Arbo 1081 silicone mastic
GE SILICONES GE1200 silicone mastic



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.

15mm Pilkington PYROSTOP glass is classified as a Class B safety glass, 18mm Pilkington PYROSTOP glass is classified as a Class A safety glass according to the impact performance requirements of BS 6206:1981, and both have 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

Pilkington United Kingdom Limited
Prescot Road St Helens England WA10 3TT
Telephone 01744 692000 Fax 01744 613049