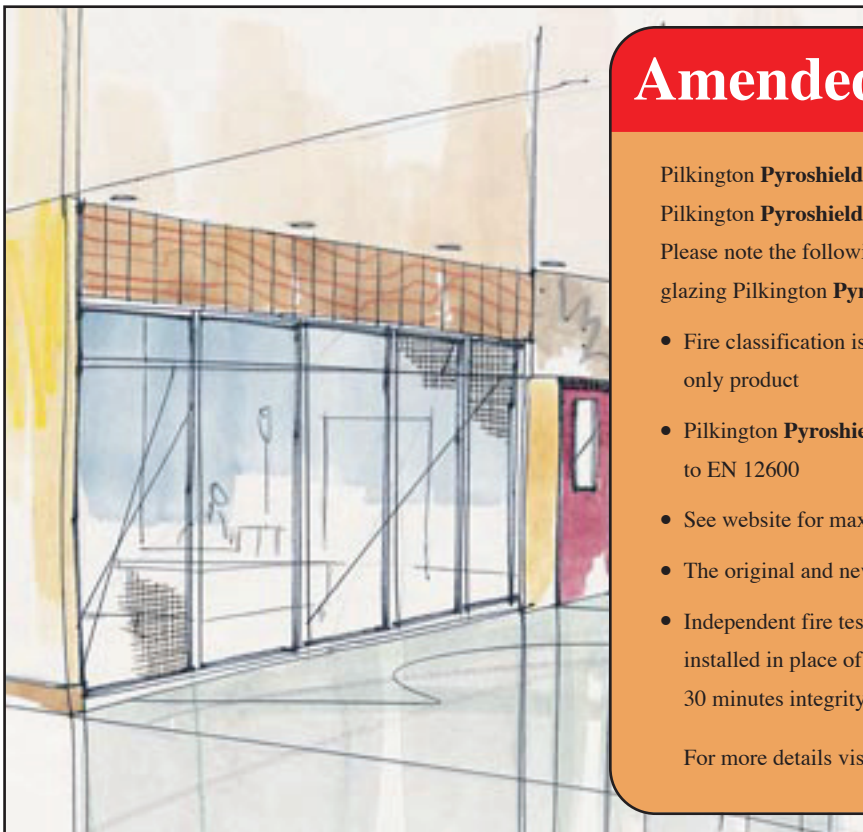




FIRE
RESISTANT
GLASSES

Pilkington PYROSHIELD *Safety Clear*



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Pilkington **Pyroshield™** has been superseded by Pilkington **Pyroshield™ 2** which has different characteristics.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

FIRE TEST SUMMARY

Multi-pane Steel Screen
120 minutes integrity

Test Reference WARRES 47850



PILKINGTON

Multi-pane Steel Screen

120 minutes integrity

Test Reference:

WARRES 47850

Test Station:

Warrington Fire Research Centre

Test Date:

14th March 1990

Test Sponsor:

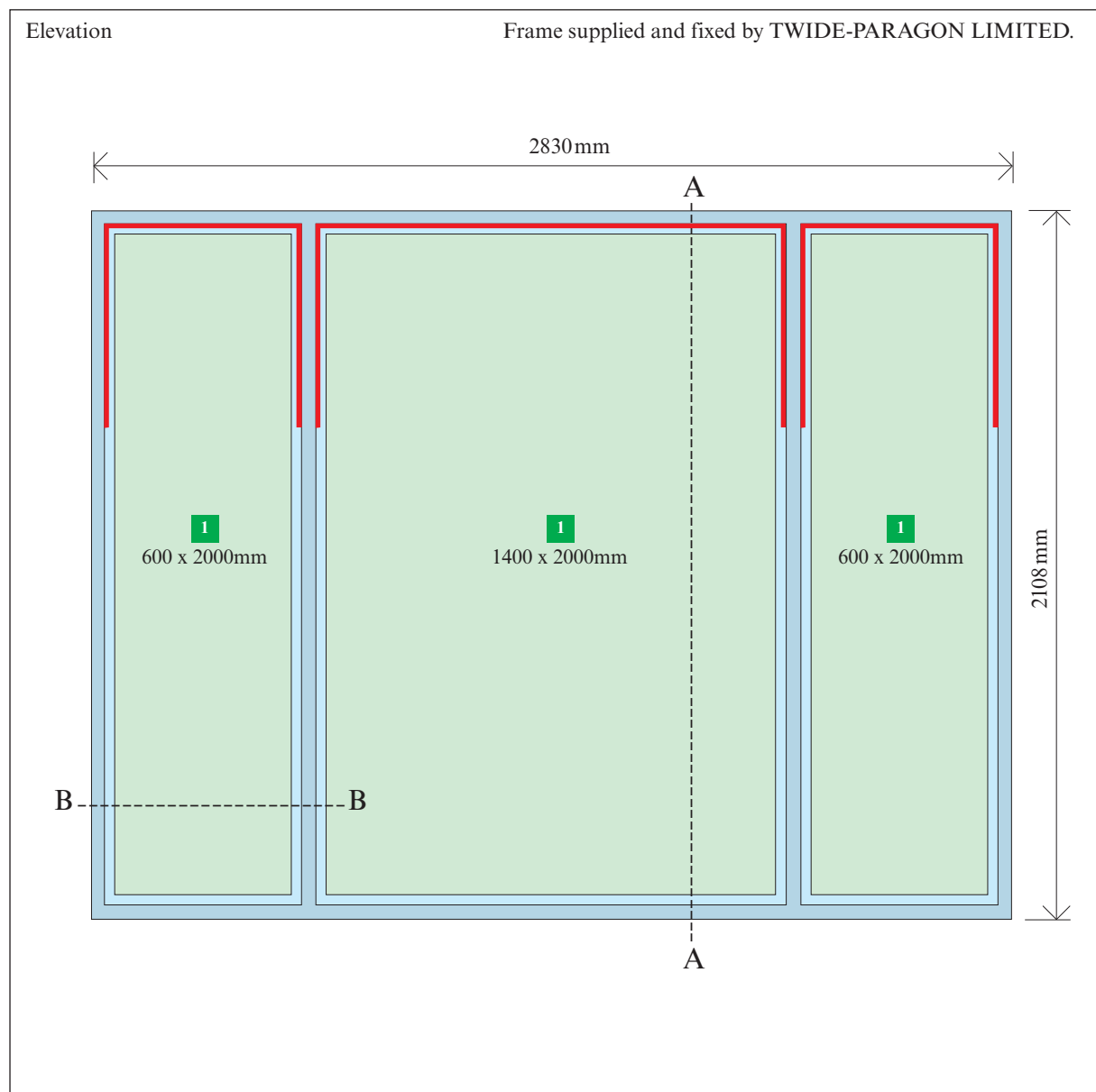
Pilkington United Kingdom Limited

Test Standard:

BS 476: Part 22: 1987

General description of the assembly

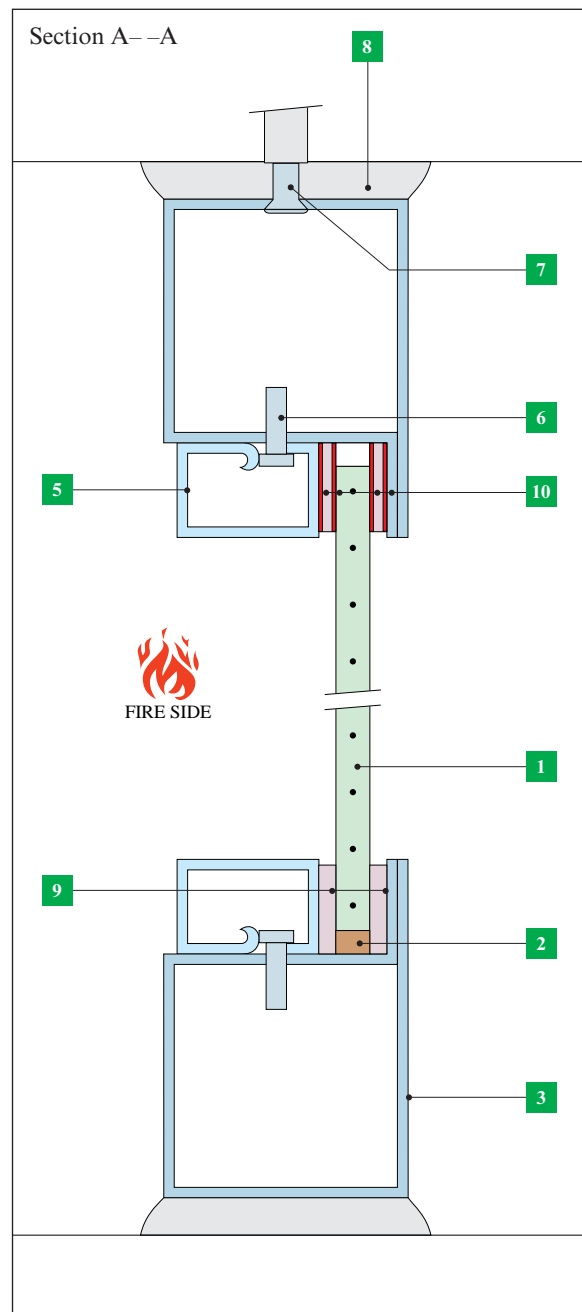
- 6mm Pilkington PYROSHIELD *Safety* Clear glass
- Mild steel framework
- Mild steel glazing beads on exposed face
- Glass bedded using ceramic fibre tape and a high temperature adhesive



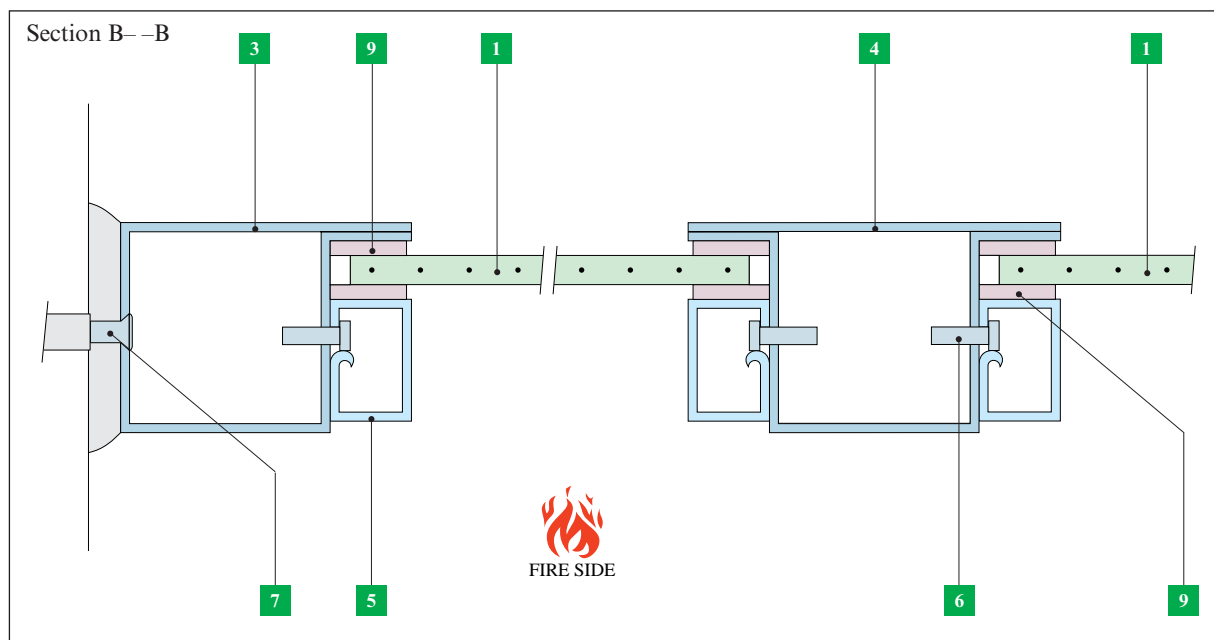
Glazing dimensions are actual glass sizes

Key to figures

- 1** 6mm Pilkington PYROSHIELD *Safety* Clear glass
- 2** 5mm hardwood setting block
- 3** 50 x 50 x 3mm mild steel tubular frame section, with a 20mm wide lip
- 4** 50 x 50 x 3mm mild steel tubular post section with 20mm outstanding flanges
- 5** 20 x 30 x 1.5mm mild steel snap-on glazing beads
- 6** Self tapping screw, snap-on head type fixings at nominal 200mm centres
- 7** FISCHER countersunk head anchor bolt fixings at nominal 500mm centres
- 8** ROCKWOOL LTD. mineral fibre insulation packing
- 9** CARBORUNDUM RESISTANT MATERIALS LTD. Fibretex tape
- 10** CARLTON BROWN & PARTNERS Autostic adhesive, treated along the top edge and upper $\frac{1}{4}$ height of each glazed section



For reasons of confidentiality some of the section sizes and fixing details have been omitted. Please contact the frame manufacturer for further information.



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 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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