

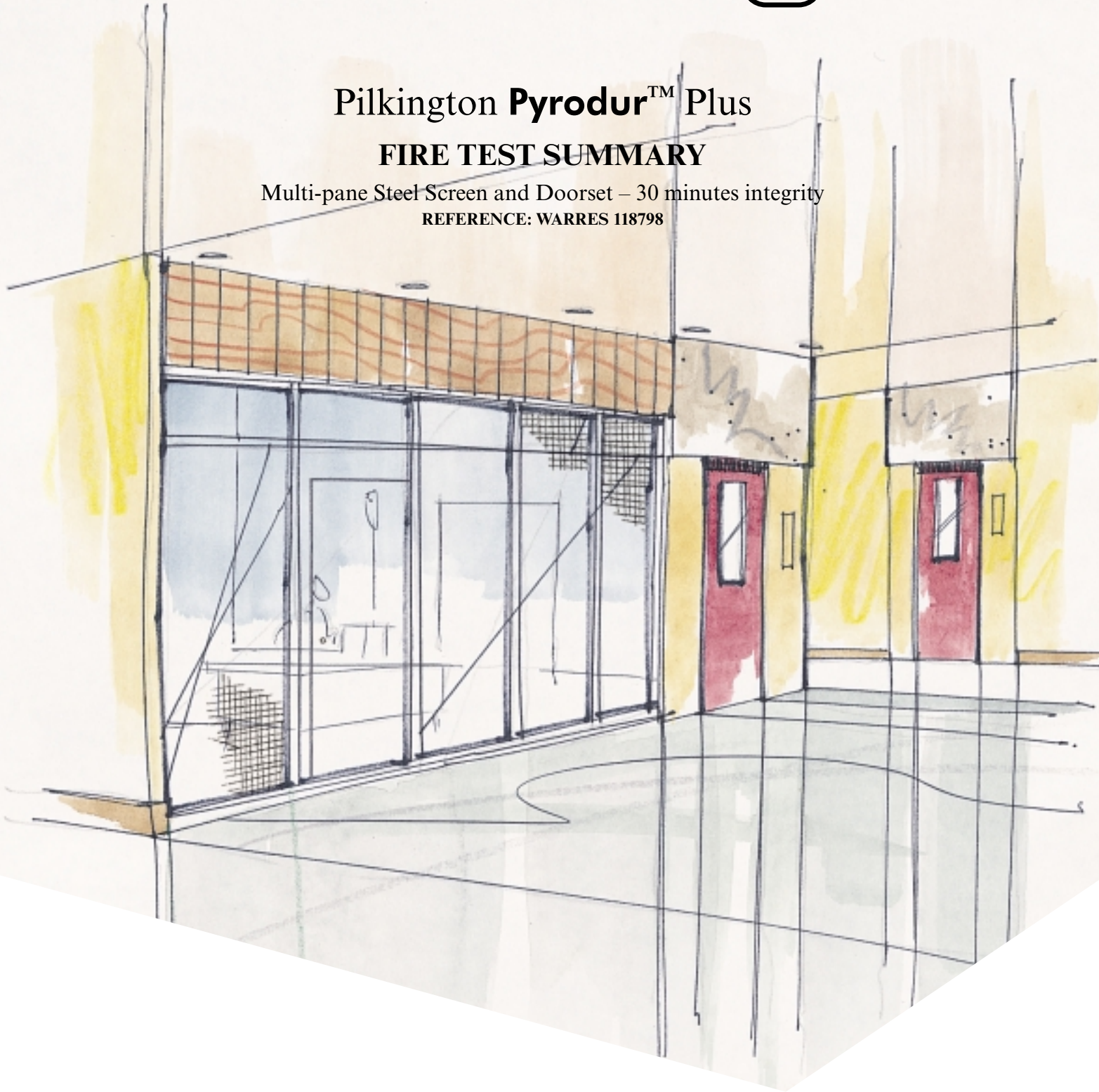


Pilkington **Pyrodur™** Plus

FIRE TEST SUMMARY

Multi-pane Steel Screen and Doorset – 30 minutes integrity

REFERENCE: WARRES 118798



PILKINGTON

Pilkington **Pyrodur™** Plus

Multi-pane Steel Screen and Doorset

30 minutes integrity

A clear fire-resistant glass providing integrity and partial insulation with impact resistance for doors and screens.

TEST REFERENCE:
WARRES 118798

TEST STATION:
Warrington Fire Research Centre

TEST DATE:
12th June 2001

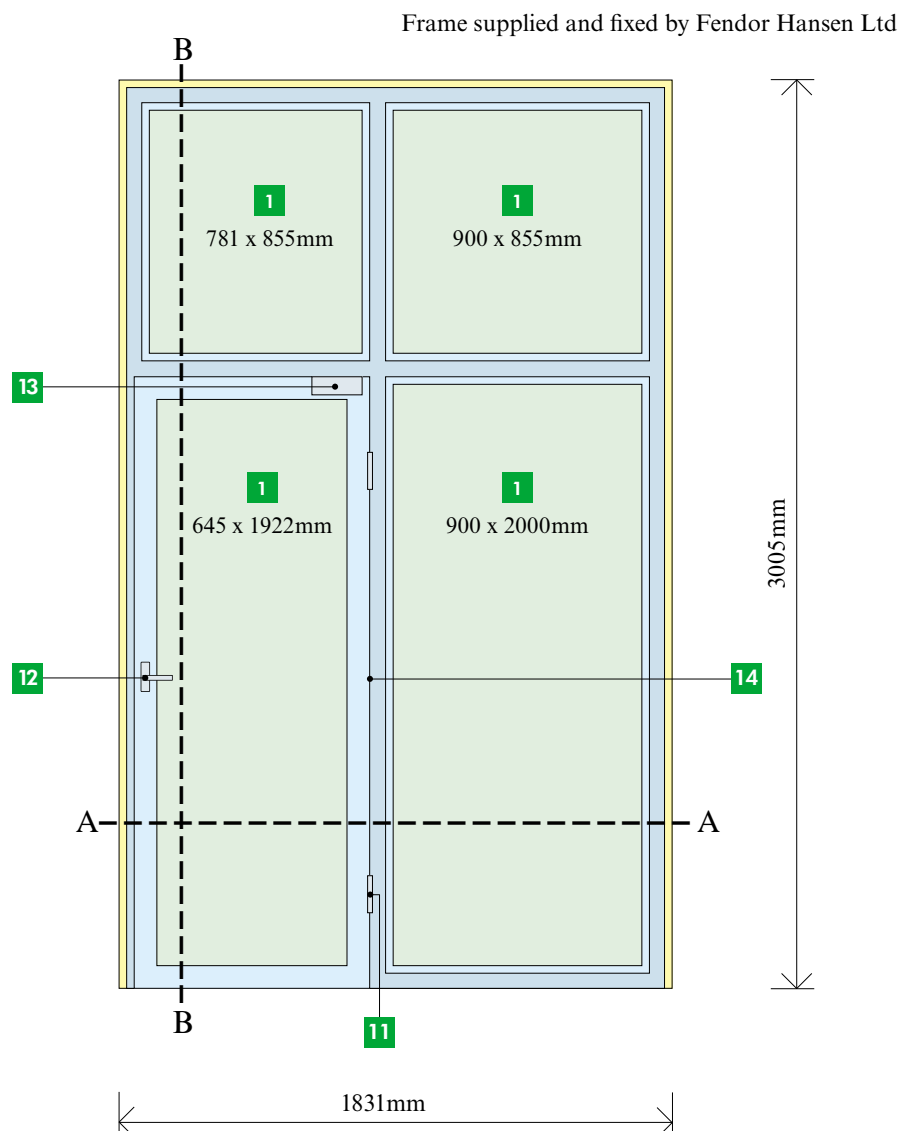
TEST SPONSOR:
Pilkington United Kingdom
Limited

TEST STANDARD:
BS EN 1634-1:2000

GENERAL DESCRIPTION OF THE ASSEMBLY

- 7.5mm Pilkington **Pyrodur™** Plus
- A glazed screen assembly incorporating a glazed doorset
- Mild steel framework

Elevation

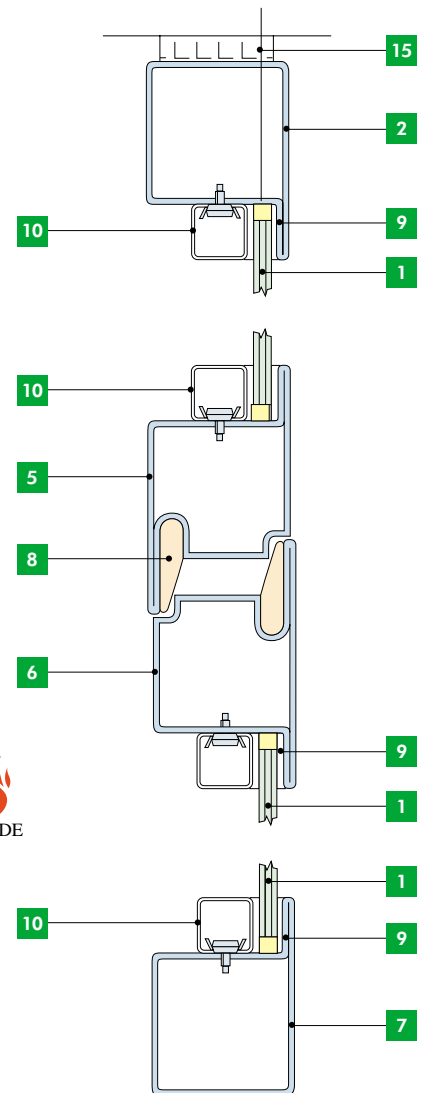


Glazing dimensions are actual glass sizes.

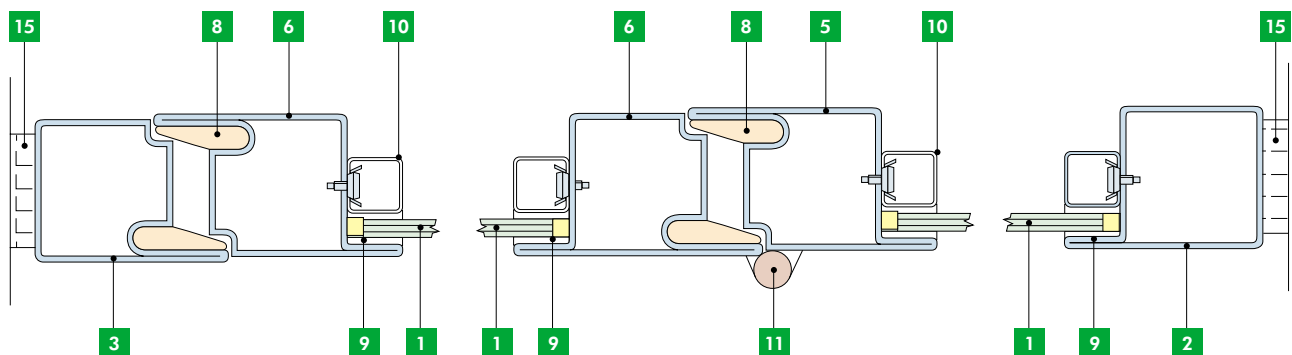
Key to figures

- 1** 7.5mm Pilkington **Pyrodur™** Plus.
- 2** 70 x 50 x 1.5mm mild steel frame section. Fixed to aperture with 6mm diameter steel expanding bolts at nominal 840mm maximum centres.
- 3** 63 x 50 x 1.5mm mild steel frame section. Fixed to aperture with 6mm diameter steel expanding bolts at nominal 840mm maximum centres.
- 4** Not applicable to figures shown.
- 5** 83 x 50 x 1.5mm mild steel door frame section.
- 6** 83 x 50 x 1.5mm mild steel stiles and head rail section.
- 7** 70 x 50 x 1.5mm mild steel base rail section.
- 8** 24 x 4mm S1 neoprene rubber seal friction fitted into the frame profiles.
- 9** 15 x 2mm Carborundum Resistant Materials Ltd Fibrefrax glazing tape.
- 10** 35 x 20 x 2mm glazing bead. 16 x 7mm self tapping stud screw fixings at nominal 250mm maximum centres.
- 11** 145 x 20mm steel hinges.
- 12** Mild steel lockset.
- 13** 70 x 290mm Geze N14 door closer.
- 14** Mild steel dog bolt.
- 15** Ceramic fibre perimeter packing between frame and lining of restraint frame.

Section B -- B



Section A -- A



Scope

The results of this test relate only 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**TM Plus is classified as a Class C impact safety glass according to the performance requirements of BS 6206: 1981, and has been tested in accordance with the fire test requirements of BS EN 1634-1:2000.

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.

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Pilkington **Pyrodur**TM Plus is a trade mark of the Pilkington Group.

For technical advice please contact the numbers below.



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