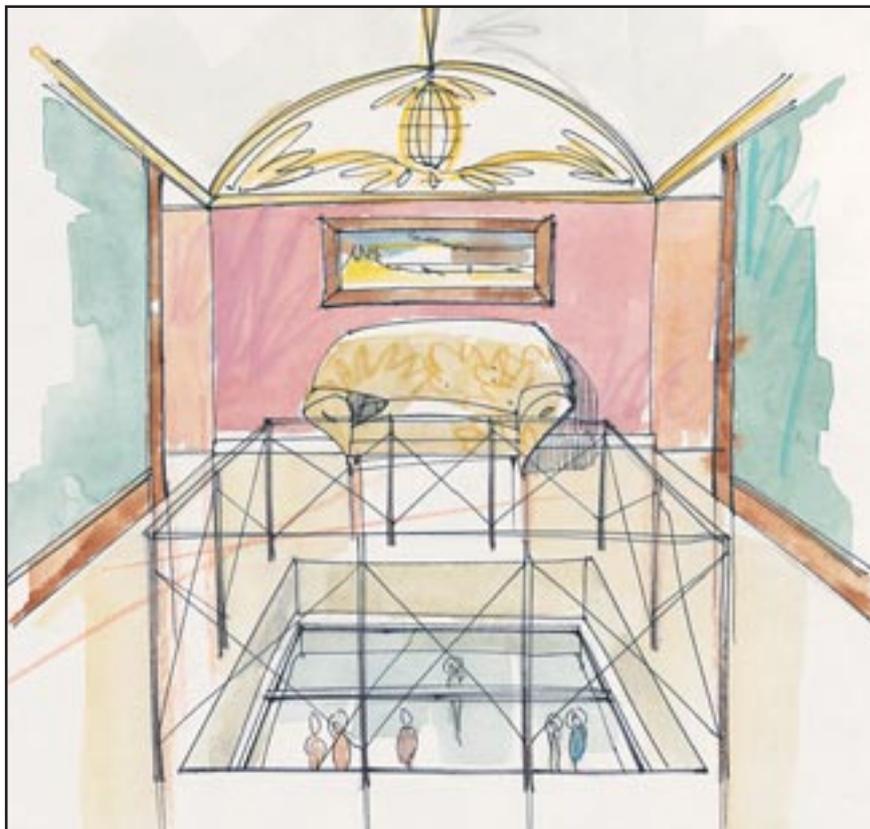




FIRE
RESISTANT
GLASSES

Pilkington PYROSTOP



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

Horizontal Steel Screen

60 minutes integrity & 30 minutes insulation

Test Reference FR 1198B



PILKINGTON

Horizontal Steel Screen

60 minutes integrity &
30 minutes insulation

Test Reference:

FR1198B

Test Station:

Timber Research and Development Association

Test Date:

21st April 1988

Test Sponsor:

Pilkington United Kingdom Limited
and Solaglas Firescreens

Test Standard:

BS 476: Part 22: 1987

Note:

BS 476: Part 22: 1987 only provides for testing glazing in an essentially vertical plane. The test was therefore conducted by analogy to the procedure detailed in BS 476: Part 22: 1987, applying similar conditions and criteria of failure.

General description of the assembly

- 21mm Pilkington PYROSTOP glass with 6mm clear Pilkington Toughened glass laminated to non-fire side
- Insulated horizontal mild steel framework
- Projecting flange providing glazing rebate
- Glass bedded using ceramic fibre tape

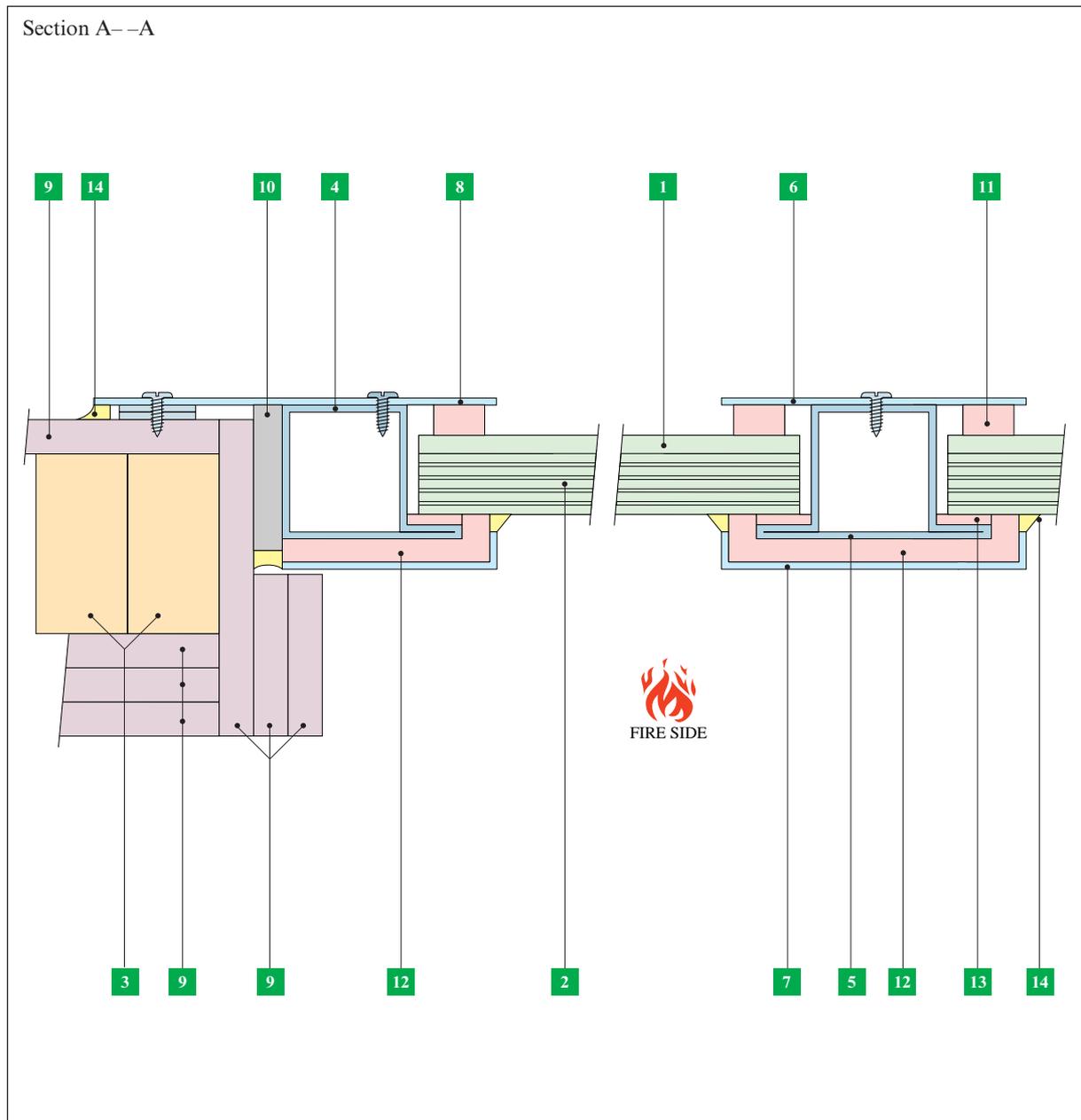


Glazing dimensions are actual glass sizes

Key to figures

- | | |
|--|---|
| 1 6mm clear toughened glass | 9 12.5mm thick plasterboard |
| 2 21mm Pilkington PYROSTOP glass | 10 Mineral fibre packing |
| 3 75 x 50mm timber stud | 11 CARBORUNDUM RESISTANT MATERIALS LTD. Fibrefrax ceramic fibre tape |
| 4 50 x 50mm mild steel rolled hollow section | 12 SOLAGLAS SFM Therm channel |
| 5 Mild steel rolled hollow section forming a mid-rail | 13 SOLAGLAS SFM Therm strip |
| 6 118mm x 10swg mild steel glazing plate | 14 ALFRED HAGEN GmbH Pyrosil silicone pointing |
| 7 14swg formed rolled steel channel | |
| 8 155mm x 10swg rolled steel glazing plate | |

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.

21mm Pilkington PYROSTOP glass is classified as a Class A 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.

Pilkington United Kingdom Limited hereby disclaim all liability howsoever arising from any error in or omission from this publication and for all consequences of relying on it.

All products shown in CAPITALS are trademarks of the Pilkington Group.



PILKINGTON

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