

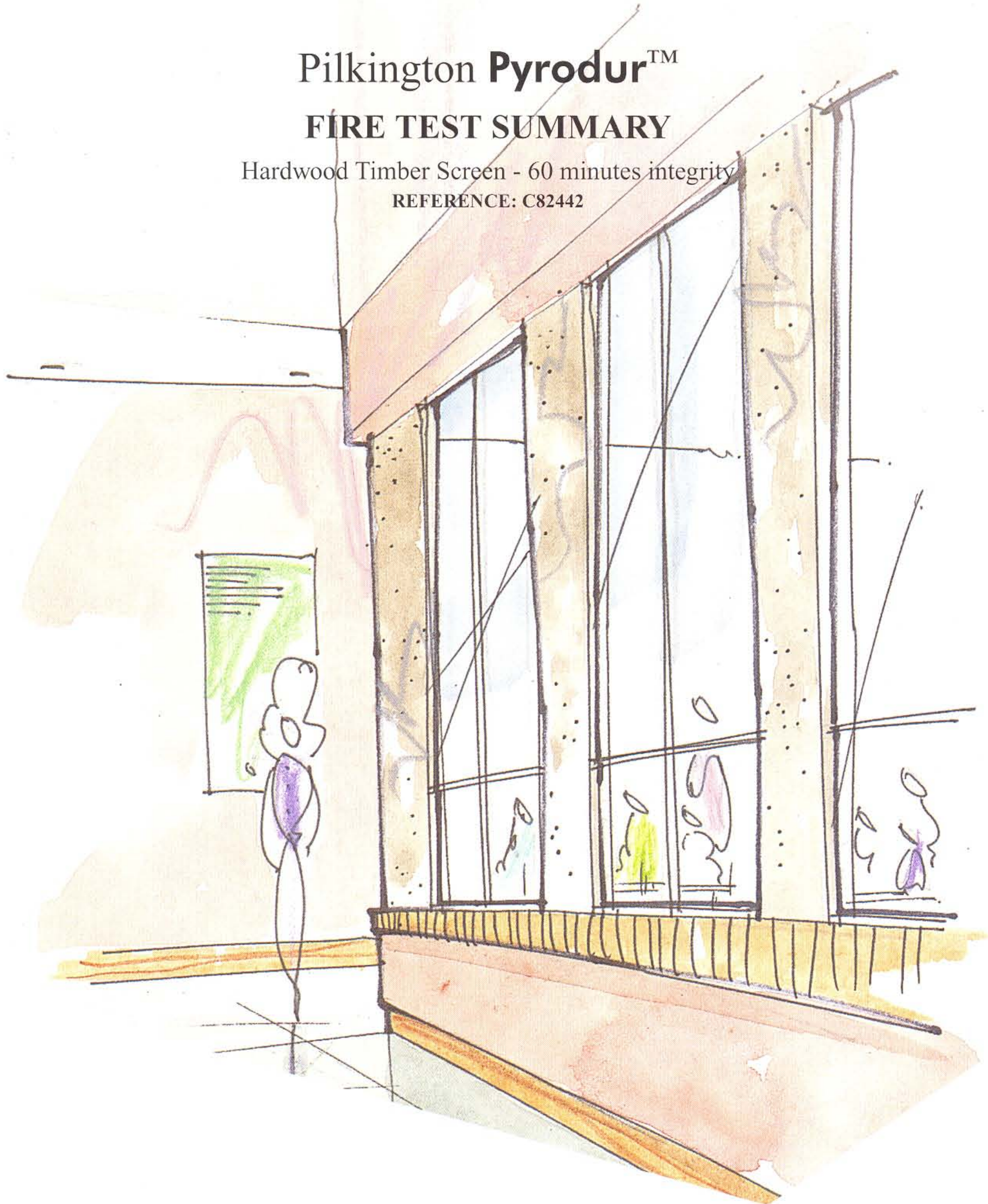


Pilkington Pyrodur™

FIRE TEST SUMMARY

Hardwood Timber Screen - 60 minutes integrity

REFERENCE: C82442



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Pilkington **Pyrodur**TM in Hardwood Timber Screen

60 minutes integrity

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

ASSESSMENT REFERENCE:
C82442

TEST STATION:
Warrington Fire Research Centre

DATE:
2nd May 1997

SPONSOR:
Pilkington United Kingdom Limited

TEST STANDARD:
BS 476: Part 22: 1987

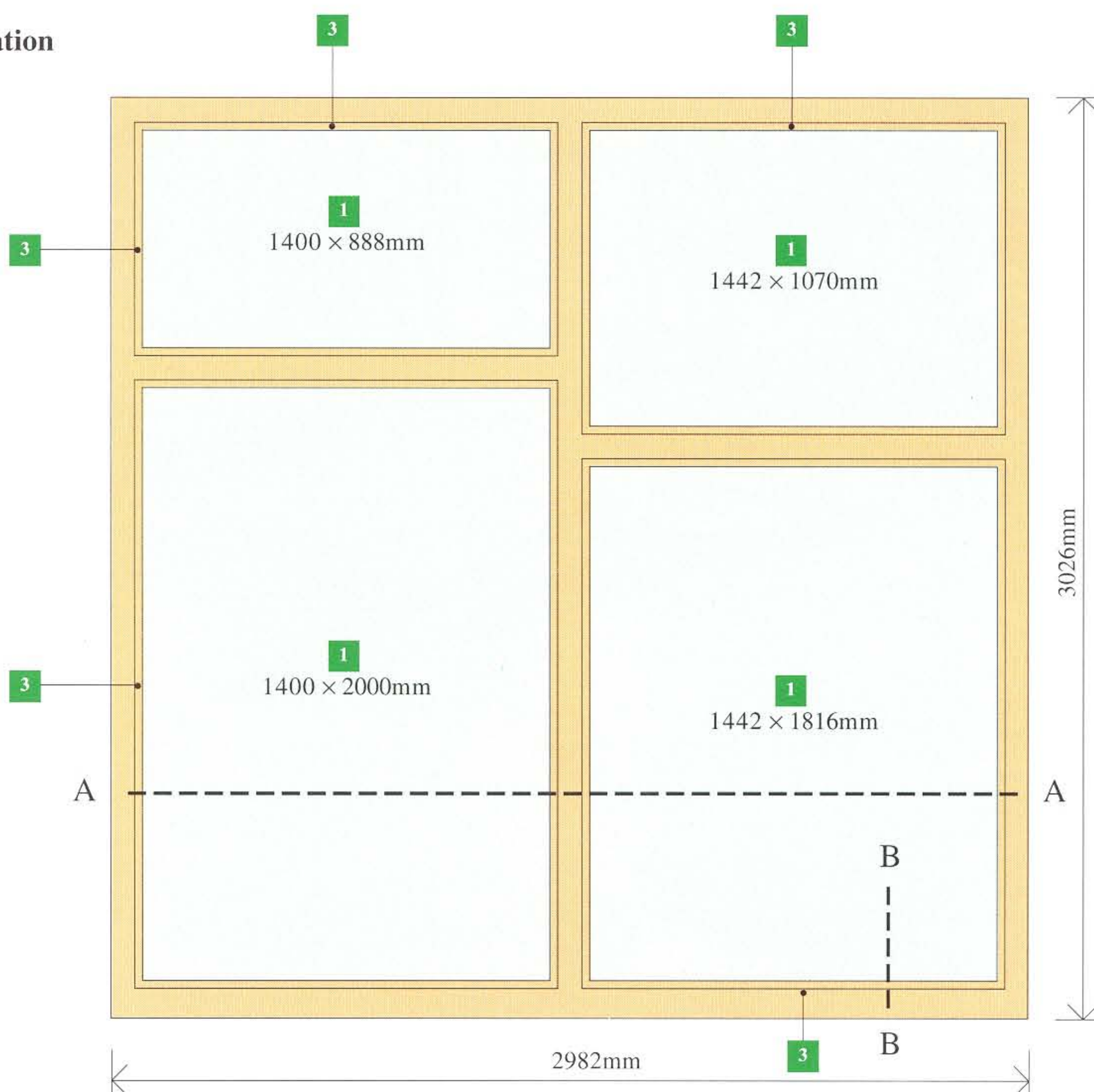
GENERAL DESCRIPTION
OF THE ASSEMBLY

- 13mm Pilkington **Pyrodur**
- Any tested hardwood frame
- Hardwood glazing beads
- Glass bedded into SEALMASTER Fireglaze intumescent compound

Note:

The screen to which the Pilkington **Pyrodur** is fitted must have incorporated glazing and been successfully tested or assessed (by WFRC) to BS476 : Part 22 : 1987 and shown to be capable of providing at least 60 minutes integrity in these configurations.

Elevation

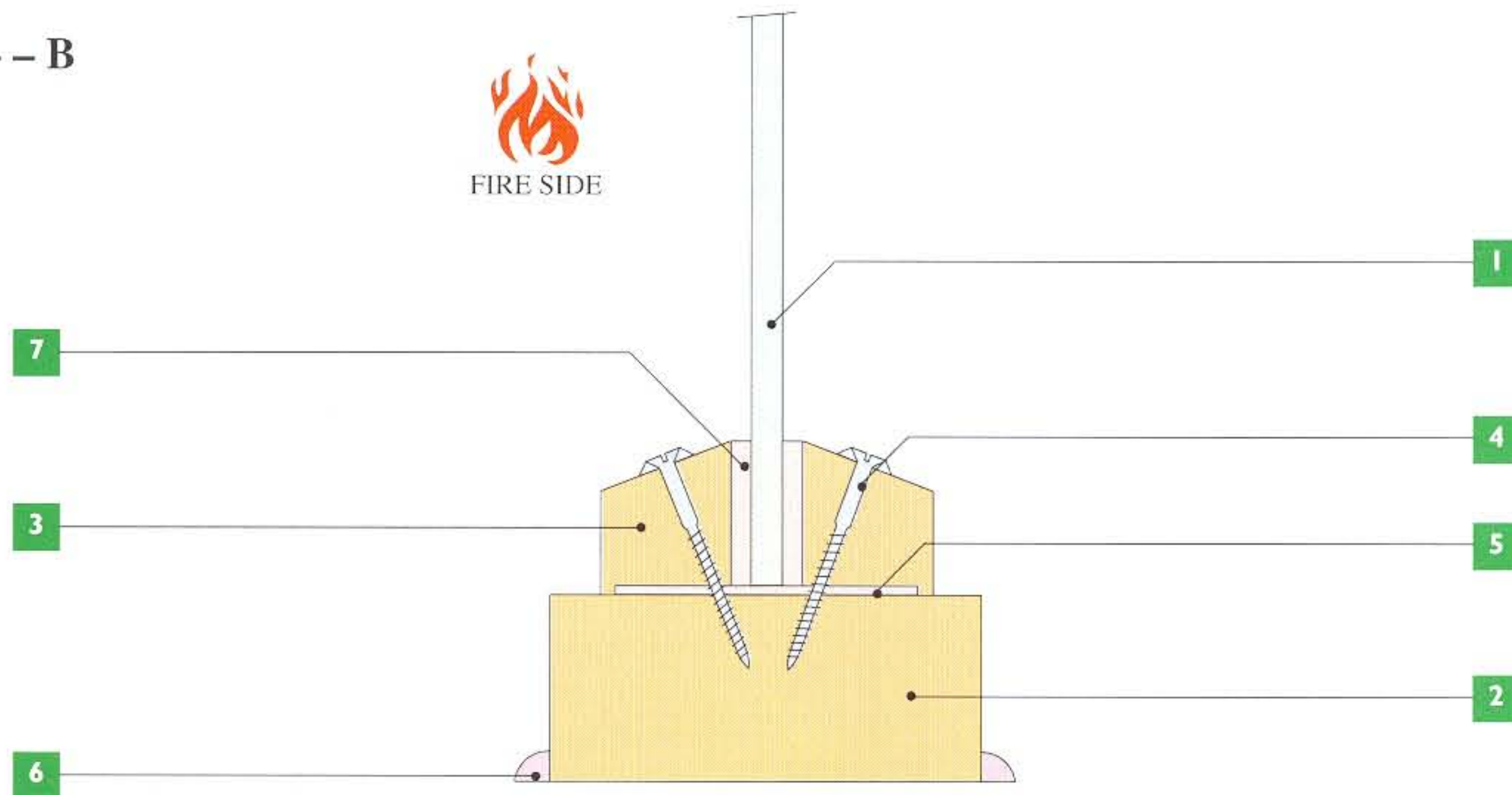


Glass dimensions are actual sizes. Maximum pane dimensions dependent upon aspect ratio.

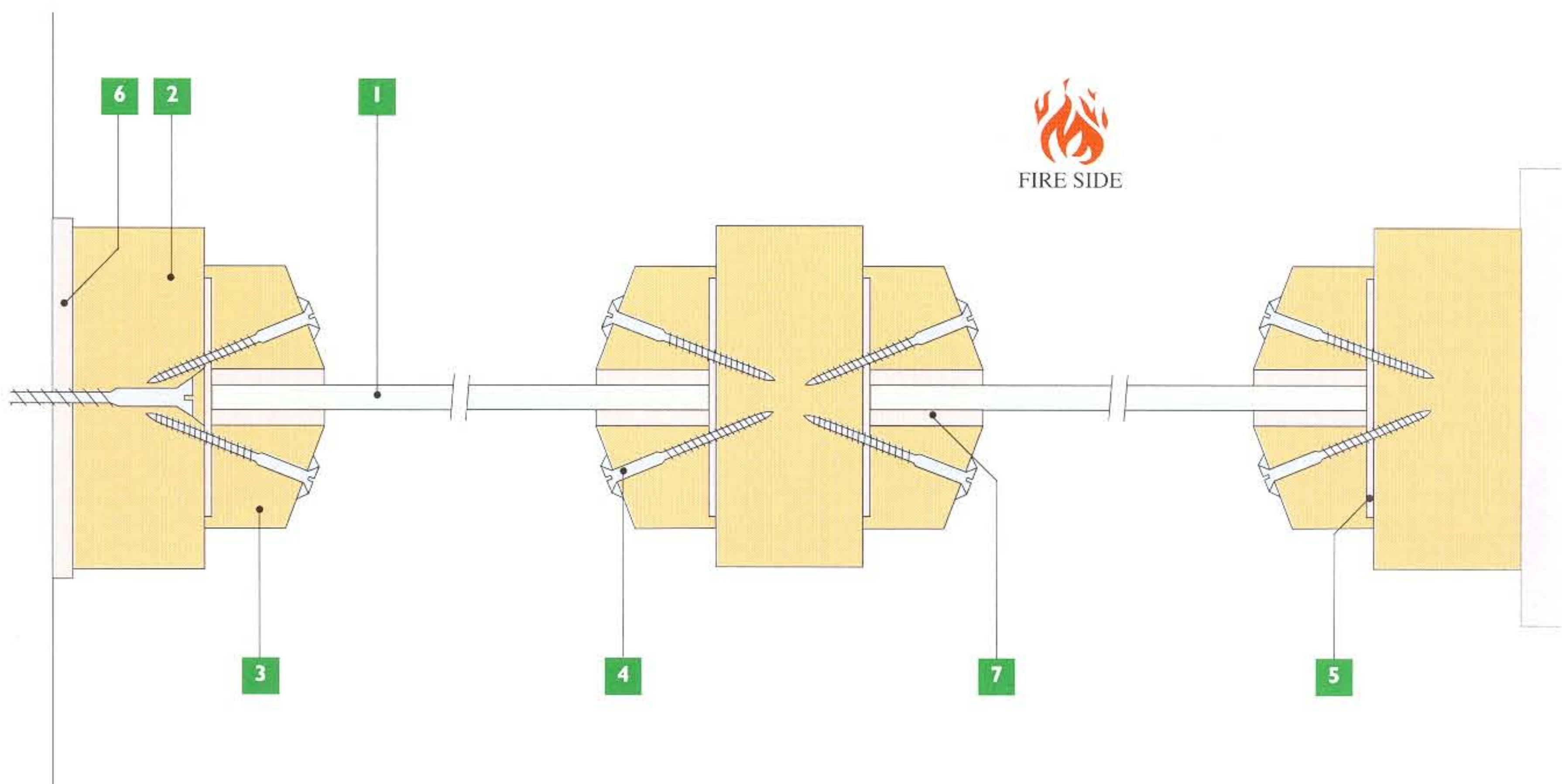
Key to figures

- 1** 13mm Pilkington **Pyrodur**
- 2** 93 × 44mm dark hardwood frame
(nominal density 650 kg/m³)
- 3** 36 × 28mm dark hardwood glazing beads
chamfered to 25°
- 4** 75mm No.8 steel wood screws at 180mm
horizontal and 198mm vertical centres
- 5** 63 × 2mm SEALMASTER
GL60 intumescent liner
- 6** SEALMASTER Masterseal
- 7** 4mm SEALMASTER Fireglaze
compound

Section B -- B



Section A -- A



Scope

The results of this assessment 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.

13mm Pilkington **Pyrodur** 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 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.

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

For technical advice please contact the numbers below.



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