



# Pilkington **Pyrodur™** Plus

## FIRE TEST SUMMARY

Timber Doorset – 30 minutes integrity

REFERENCE: RF03068



PILKINGTON

# Pilkington **Pyrodur**<sup>™</sup> Plus Timber Doorset

30 minutes integrity

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

TEST REFERENCE:  
RF 03068

TEST STATION:  
Chiltern International Fire

TEST DATE:  
11th September 2003

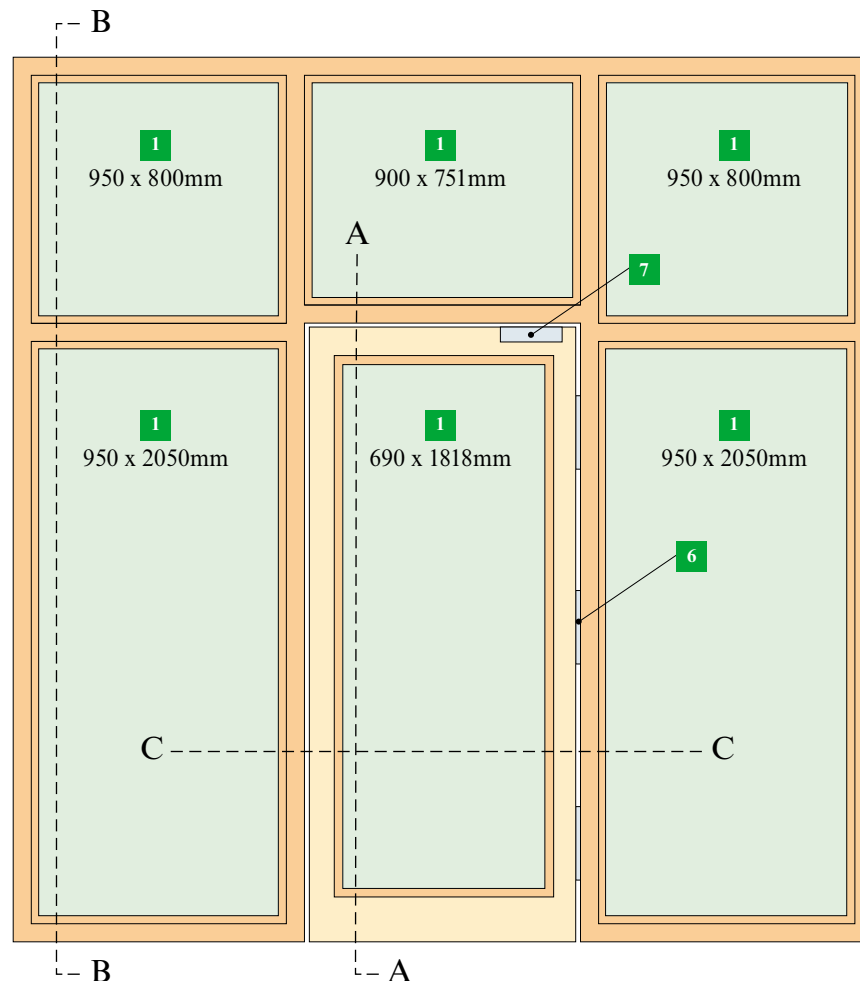
TEST SPONSOR:  
Pilkington

TEST STANDARD:  
BS EN 1634-1:2000  
BS EN 1363-1:1999

## GENERAL DESCRIPTION OF THE ASSEMBLY

- 7mm Pilkington **Pyrodur**<sup>™</sup> Plus
- Single action, single leaf timber doorset with side and over panels
- Hardwood frames and glazing beads
- Hardwood doors
- Intumescent materials incorporated into the construction

Elevation

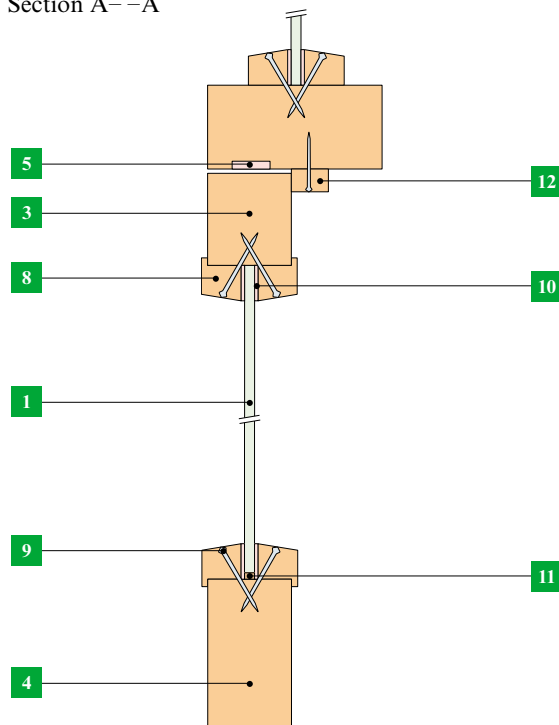


*Glazing dimensions are actual glass sizes  
Diagrams are not to exact proportions*

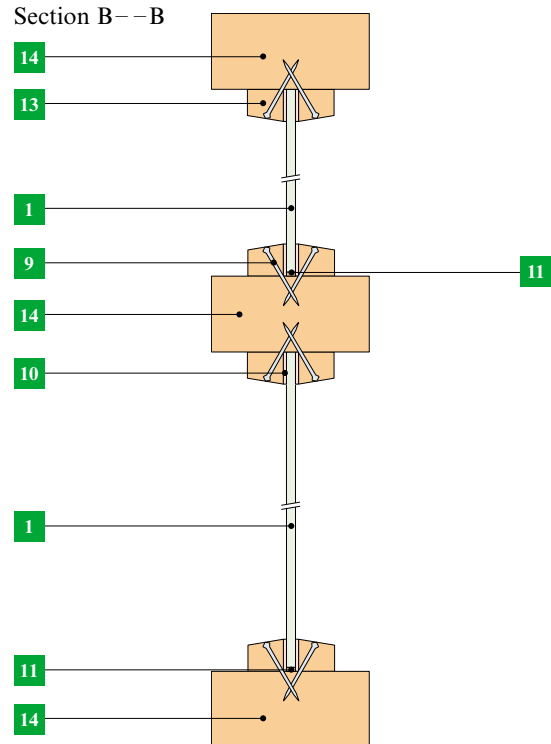
# Key to figures

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>1</b> 7mm Pilkington <b>Pyrodur™</b> Plus</p> <p><b>2</b> 100 x 45mm Sapele hardwood frame (nominal density 640 kg/m<sup>3</sup>)</p> <p><b>3</b> 95 x 45mm Sapele hardwood frame (nominal density 640 kg/m<sup>3</sup>)</p> <p><b>4</b> 217 x 45mm Sapele hardwood frame (nominal density 640 kg/m<sup>3</sup>)</p> <p><b>5</b> 20 x 4mm Lorient Polyproducts Palusol LP2004</p> <p><b>6</b> 100 x 35mm Royde and Tucker H101 hinges</p> <p><b>7</b> 233 x 60mm Dorma Door Controls Ltd TS 73V overhead closer</p> | <p><b>8</b> 23 x 23mm Sapele hardwood glazing bead chamfered to 13° (with a 4 x 4mm bolection return) for doorset</p> <p><b>9</b> 40mm long steel pins at nominal 150mm centres, approximately 30° to face of glass</p> <p><b>10</b> 20 x 2mm Dufaylite Developments Ltd Interdens intumescent seal</p> <p><b>11</b> 3mm hardwood setting block</p> <p><b>12</b> 20 x 12.5 Sapele hardwood planted (pinned) stop</p> <p><b>13</b> 20 x 20 Sapele hardwood glazing bead chamfered to 15° for screen</p> <p><b>14</b> 95 x 45mm Sapele hardwood frame (nominal density 640 kg/m<sup>3</sup>) at head, jambs, transoms and mullions of screen</p> |
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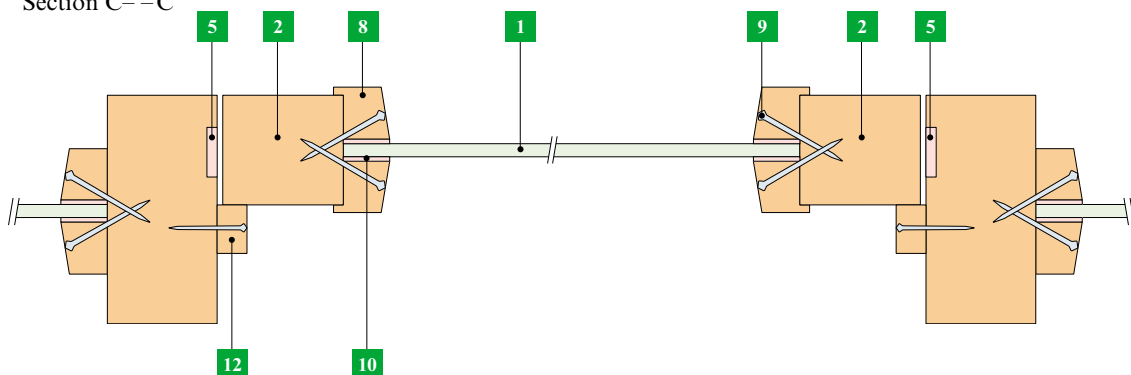
Section A--A



Section B--B



Section C--C



## 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**<sup>™</sup> Plus is classified as a Class B and 2 (B) 2 impact safety glass according to the performance requirements of BS 6206: 1981 and BS EN 12600: 2000 respectively, and has been tested in accordance with the fire test requirements of BS EN 1634-1:2000 and BS EN 1363-1:1999.

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**<sup>™</sup> Plus is a trade mark of the Pilkington Group.

For technical advice please contact us on the number below.



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