



Introduction

This data sheet is a précis of our Field of Application relating to the use of Pyroplaque mounted on timber panels for upgrading the fire resistance performance of joinery doors and timber panelled walls.

Report Number: IFC PAR/9638/02 Revision 1
Issue Date: January 2010
Valid until: January 2015
Criteria: BS 476 Part 22; 1987
Fire Resistance: 30 minutes integrity

Panel Timber Types

Plywood
Redwood
Scots Pine
Douglas Fir
Softwood or hardwood with a minimum density of 510kg/m³

Minimum Panel Thickness

Panel Joint Detail	Pyroplaque Positioning	Minimum Panel Thickness mm
No joint	Between beads/rebates	10
Glued butt joint	Between beads/rebates	10
Dry butt joint	Between beads/rebates	12
No joint	Under beads	6
Glued butt joint	Under beads	6
Dry butt joint	Under beads	6

Panel to be pinned at 100mm centres using 38mm long x 2.3mm diameter pins angled @ 30-45°

Maximum Individual Panel Size

0.35m² (maximum width 600mm – maximum height 1100mm)

Panel Jointing Detail

Glued butt joint and dry butt joint

Panel Surface Condition

Remove paint or varnish before applying the Pyroplaque sheet

**PYROPLAQUE Field of Application for Upgrading Timber Panels
In Joinery Doors + Panelled Walls**

Feb 2010

Application of Pyroplaque

Pyroplaque to be bonded with Pyroplaque adhesive and Pyromas M sealant (2mm x 1.8mm) applied to the edge of the Pyroplaque

Door Edge Detail Fire Only

	Head	Hanging Stile	Meeting Stile (1)	Meeting Stile (2)
SLSA	Pyrostrip 750SA 20 x 2mm	Pyrostrip 750SA 20 x 2mm	N/A	
SLDA	Pyrostrip 750SA 20 x 2mm	Pyrostrip 750SA 20 x 2mm	N/A	
DLSA	Pyrostrip 750SA 20 x 2mm	Pyrostrip 750SA 20 x 2mm	Pyrostrip 750SA 20 x 2mm	Pyrostrip 750SA 20 x 2mm
DLDA	Pyrostrip 750SA 20 x 2mm	Pyrostrip 750SA 20 x 2mm	Pyrostrip 750SA 20 x 2mm	Pyrostrip 750SA 20 x 2mm

Door Edge Detail Fire and Cold Smoke

	Head	Hanging Stile	Meeting Stile (1)	Meeting Stile (2)
SLSA	Pyrostrip 750 PSSSA 20 x 4	Pyrostrip 750 PSSSA 20 x 4	N/A	N/A
SLDA	Pyrostrip 750 PSSSA 20 x 4	Pyrostrip 750 PSSSA 20 x 4	N/A	N/A
DLSA	Pyrostrip 750 PSSSA 20 x 4	Pyrostrip 750 PSSSA 20 x 4	Pyrostrip 750 PSSSA 20 x 4	Pyrostrip 750PSA 20 x 4
DLDA	Pyrostrip 750 PSSSA 20 x 4	Pyrostrip 750 PSSSA 20 x 4	Pyrostrip 750 PSSSA 20 x 4	Pyrostrip 750PSA 20 x 4

Notes

This document is a précis of the full IFC document PAR/9638/02 Revision A

It should be read in conjunction with our Pyroplaque leaflet and fixing instructions



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