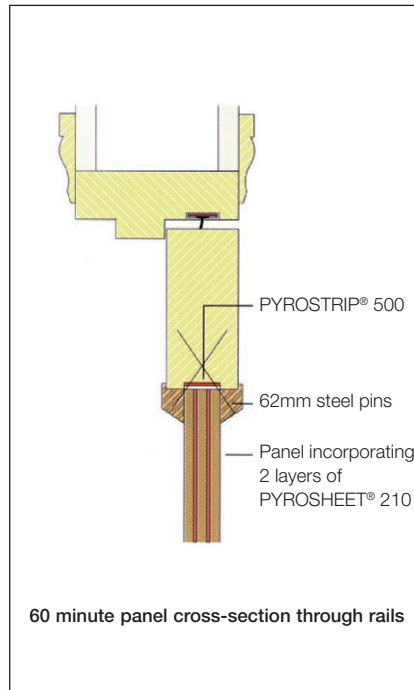
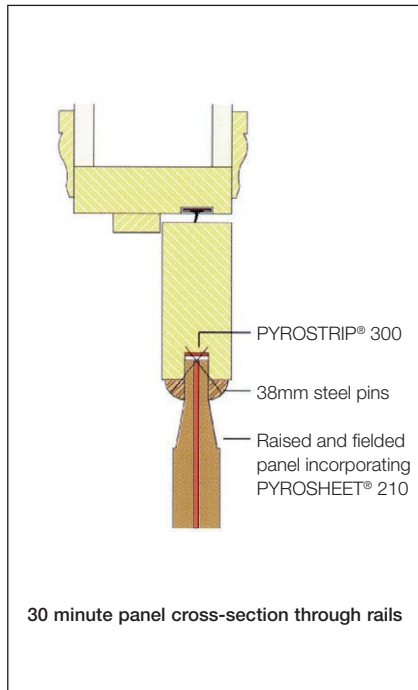




PYROSTRIP® 210 UPGRADING PANELLED DOORS

Intumescent fire resistant door panels



PYROSTRIP 210

PYROSTRIP® 210 Intumescent fire resistant door panels enables traditional panelled doors to provide 30 and 60 minute fire resistance. PYROSTRIP® 210 intumescent sheets are sandwiched between hardwood, plywood or MDF to provide composite panels suitable for door manufacture and upgrading of existing doors.

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PYROSTRIP® 210 is equally suitable for upgrading existing or manufacturing new fire resisting doors. It is rigid and easily cut and is thus much faster and cleaner to work than soft fibrous materials.

PYROSTRIP® 210 is based on an intumescent core of hydrated sodium silicate which expands when heated. Composite sheets are chamfered at the edges and rebated into stiles, muntins and rails. The depth of the rebate should allow for movement of the panel but the gap may present a weakness in a fire.

This is dealt with by incorporating the appropriate intumescent fire seal in the base of the groove. For 30 minute resistance PYROSTRIP® 300 10mm x 2mm is required and for 60 minute resistance PYROSTRIP® 500 20mm x 2mm.

The interaction of the components of panelled doors is critical to the doors' performance. Specifiers and users should ensure good quality workmanship.

PYROSTRIP® 210 intumescent sheet has been tested and assessed to BS 476, Part 22 as well as DIN 4102. PYROSTRIP® 210 panels have also been successfully tested by a number of door manufacturers.

Fire Test Reference	Standard	Resistance
CHILTERN INT FIRE IF 97036A	BS 476 Part 22	30 minutes
CHILTERN INT FIRE FEA 98061	BS 476 Part 22	30 minutes
CHILTERN INT FIRE IF 97036B	BS 476 Part 22	53 minutes
Chiltern Int Fire IF FEA	BS 476 Part 22	60 minutes
SGS FT/10386.1/RP/93	BS 476 Part 22	56 minutes
TRADA/LWF	BS 476 Part 22	34 minutes
Mann McGowan 30.1 66a	BS 476 Part 22	28 minutes

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