

FIREZONE™

FireZone™ 52 White Intumescent Base Coat

Upgrades FRR on existing plasterboard, fibrous plaster, lath and plaster, fibre cement walls and ceilings* quickly and cost effectively

Achieves Group 1S on interior timber linings

FireZone 52 provides clients, architects, designers, fire engineers, quantity surveyors and project managers with a compelling alternative to replacing existing plasterboard linings. Rooms and fire cells can achieve code with minimal disruption during the process. Re-use of existing linings means less disruption, less waste to landfill, joinery stays in place and savings that are measured in days and weeks on virtually any project.

- ✦ Rooms and fire cells can be upgraded and achieve higher FRR's quickly and cost effectively
- ✦ Costs associated with relocating tenants, staff, customers, furniture, equipment etc are minimised
- ✦ Re-stopping, removing and replacing or refixing joinery is not required
- ✦ Minimises the disruption associated with a construction site
- ✦ Quality paint finish to match existing surfaces
- ✦ Eco friendly formula is low VOC - minimal nuisance smells for other trades and occupants alike
- ✦ FireZone 52 is used extensively in heritage buildings to protect existing detail and where achieving current code compliance is challenging.

*Please see reverse for technical compliance ✦

Technical Compliance - FRR 45, 60 & 90 Minutes

FireZone 52 is a water based, low VOC, intumescent white base coat that protects substrates by developing a thick char barrier when exposed to fire. Designed and tested to be airless spray applied over new and existing substrates, it is then top coated with any approved reputable acrylic paint.

FIRE RESISTANCE RATING FRR – TEST RESULTS AND CERTIFICATION

Construction	Substrate/Existing FRR	Resulting FRR	Assessment Standard	Accredited Test Laboratory
Load bearing ceiling	8mm fibrous plaster	90/90/90	AS1530.4-2005	CSIRO Opinion FCO 2724/4433
Load bearing ceiling	12-16mm fibrous plaster	90/90/90	AS1530.4-2005	CSIRO FSH 1343 test
Load bearing ceiling	≥6mm fibre cement	90/90/90	AS1530.4-2005	CSIRO Opinion FCO 2727/4433
Timber floor / ceiling	12-16mm lath & plaster	90/90/90	AS1530.4-2005	CSIRO Opinion FCO 2726/4433
Ceiling System Upgrade	30/30/30	60/60/60	AS1530.4-2005	CSIRO Opinion FCO 2917/4091
Ceiling System Upgrade	60/60/60	90/90/90	AS1530.4-2005	CSIRO Opinion FCO 2917/4091
Standard non load bearing wall	≥10mm plasterboard	- /45/45	AS1530.4-1997	Branz Test Report FR3768
Standard non load bearing wall	≥10mm plasterboard	-/60/60	AS1530.4-2005	CSIRO Opinion FCO 2631/4433
Standard non load bearing wall	≥6mm fibre cement	-/60/60	AS1530.4-2005	CSIRO Opinion FCO 2727/4433

Technical Compliance - Group 1S on Timber

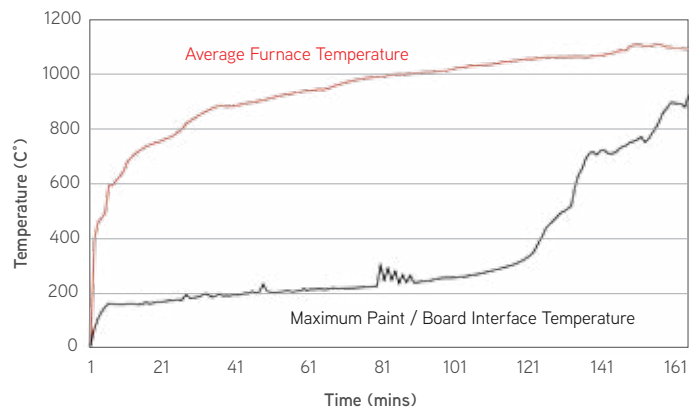
FireZone 52 provides designers the creativity to bend, rout, cut and shape timber substrates because it achieves the very highest Group 1S surface finish on 9.5mm or thicker timber, including plywood and MDF.

SURFACE FINISHES – TEST RESULTS AND CERTIFICATION

Substrate Type	1 (most reactive)
Substrate	Timber, Standard grade plywood, hardboard, fibre/particleboard (where substrate is less than 12mm thick)
Achieves	Group 1S, 1, 2S and 2
Assessment Standard	NZBC Clause C3.4 (a) using ISO 9705:1993
Accredited Test Laboratory	APL Australia Pty Ltd

Tested on 9.5mm plywood; FireZone 52 therefore meets clause 3.4(a) and achieves a Group 1S, 1, 2S and 2 rating on timbers 9.5mm and thicker.

AVERAGE FURNACE TEMPERATURE AND MAXIMUM PAINT / BOARD INTERFACE TEMPERATURE*



FireZone52 protects substrates by developing a thick char barrier when exposed to fire

*940 microns DFT Firezone 52 over plasterboard - thermocouples placed under FireZone 52, flush with substrate surface, i.e.FireZone 52 is the only protection over the thermocouples

Further Benefits

- Lasts as long as the substrate
- Easy to repair if damaged
- Mould resistant
- Water based for easy clean up with no solvents required
- Fast drying, typically touch dry in 1 hour and dry in 2-3 hours
- Excellent for use in heritage buildings to upgrade to latest building code
- Topcoat to match existing or new colour scheme
- National approved applicator network
- Substantial track record of use both locally and internationally
- Readily available