

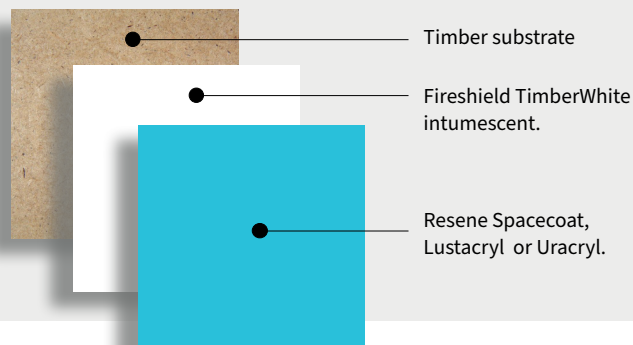


TimberWhite + Top Coat

Pigmented Intumescent Coating System For Interior Timber Surfaces

SYSTEM INFORMATION

- **TimberWhite** basecoat (intumescent) + Resene Spacecoat low sheen or Resene Lustacryl Semi Gloss or Resene Uracryl.
- Fireshield timber intumescent system for **C1 interior zones** on interior timber battens, wall and ceiling linings.
- Achieves **Group 1-S** surface rating to timber substrates.
- Contact Fireshield for C2 and C3 (ISO 12944-2) interior environments, areas where constant air humidity is over 75%.



System Name	TimberWhite-NZ-01-C1
ISO 9223:2012 Zone	C1 Interior (Heated buildings with clean atmospheres, e.g. offices, shops, schools, hotels)
Substrate	Interior timber substrates $\geq 8\text{mm}$ thick + $\geq 338 \text{ kg/m}^3$ density. See TDS for full requirements.
TimberWhite + Top Coat System Description	Fireshield® TimberWhite is a single component, waterbased pigmented white intumescent basecoat for the fire protection of interior timber. Must be applied by Fireshield Registered Applicators When a washable surface is required, or the humidity levels exceed 75% it is advisable to apply Resene Spacecoat Waterborne Enamel top coat, Resene Lustacryl or Resene Uracryl 402 over the TimberWhite coating.

COATING SYSTEM

COAT	Product	TDS Code	Thinner	Application	Film Build	Clean Up
1st	Fireshield TimberWhite intumescent basecoat	TD-FSTWNZ-02	DO NOT THIN	Spray	Minimum 310 microns WFT (215 microns DFT)	Water
2nd	Resene Spacecoat Low Sheen Waterborne Enamel	Resene D311	See TDS	Spray for best results	See manufacturers TDS	See TDS
or						
2nd	Resene Uracryl 402 Urethane Acrylic	Resene RA55	See TDS	Spray for best results	See TDS	See TDS
or						
2nd	Resene Lustacryl Semi Gloss Waterborne Enamel	Resene D310	See TDS	Spray for best results	See TDS	See TDS

SURFACE PREPARATION

All surfaces to be coated should be clean, dry and free from contamination including dirt, salts, oil and grease. If required, clean as per AS/NZS 2311 Sec 3.2.7, any contaminant left on the surface will affect the visual appearance of the Fireshield® timber ICS system. Timber must be allowed to equilibrate in a location protected from the weather to near its final in-service conditions, to avoid shrinkage or swelling after installation and coating. Dressed timber should be smooth, and free from raised or woolly grain, planing burrs, or other machining defects. The standard of finish should be appropriate to the end-use (see NZS 3610 and NZS 3617). Rough-sawn timbers should be thoroughly brushed with the grain to remove dust and dirt before coating.

* Spray application is always recommended, if application is by brush or roller, further coats may be necessary to achieve the recommended DFT.

** WFT is thickness of wet paint required to achieve the specified 'Dry Film Thickness' assuming no thinner is added. TDS is Technical Data Sheet.