

TimberWhite™

Clear Timber Intumescent Coating - Achieves Group 1-S Surface Finish

Fire Class B-s1-d0 according to EN13501-1:2010. This is recognised as equivalent to Group 1-S under the NZ Building Code.



Technical Data Sheet

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KEY BENEFITS

- TimberWhite is a halogen free, waterborne intumescent base coat.
- Pigmented intumescent paint that foams into a thick layer when exposed to high temperatures derived from flames or intensive heat radiation from fire.
- The porous layer of foam effectively extinguishes the flow of heat to the coated surface.
- Has been tested in Europe and meets Fire Class B-s1-d0 according to EN13501-1:2010. This is recognised as equivalent to Group 1-S under the NZ Building Code.

INTRODUCTION

TimberWhite is a halogen free, waterborne intumescent base coat. TimberWhite is an intumescent paint that foams into a thick layer when exposed to high temperatures derived from flames or intensive heat radiation from fire. The porous layer of foam effectively extinguishes the flow of heat to the coated surface.

TimberWhite is used primarily to achieve a Group 1-S surface finish on almost all timber ceiling and wall linings. TimberWhite is offered in flat white and will not achieve opacity at the recommended dry film thickness.

APPLICATION

Ensure substrate is compliant. Clean and clear of oils and dirt and moisture content is below 15% and will remain that way. If necessary degrease with a suitable product. Warm TimberWhite intumescent to decrease its viscosity, stir well whilst warming, until liquid temperature is around 30°C. **DO NOT THIN!** Ensure temperature is maintained while painting. Use heated inline airless spray applicator for best results. Spray 1 Coat of TimberWhite (water based) Intumescent at 230µm wet film thickness = 300g/m². Record appropriate number of measurements.

Allow to dry for 48hrs. Warm, dehumidified environments will accelerate this process. If topcoat is required, coat with Resene Spacecote Low-Sheen. Complete producer statement (PS3) and Provide to main contractor or BCA and Resene Fireshield.

Airless spray for best results. Brush or roller can be used to achieve compliance, however finish may vary.



DRYING TIME

Dry times at +23°C and humidity of 50% are as follows:

- 8 hrs between coats of TimberWhite intumescent.
- 48 hrs before topcoating with TimberWhite TOPcoat.

PROTECTIVE MEASURES

Avoid contact with skin and eyes. Personal safety equipment: At handling where prolonged or repeated direct contact cannot be excluded protective gloves should be worn. Protective glasses are recommended when there is a risk of splashes. To avoid other types of direct contact suitable protective clothes are recommended. See further Safety Data Sheet.

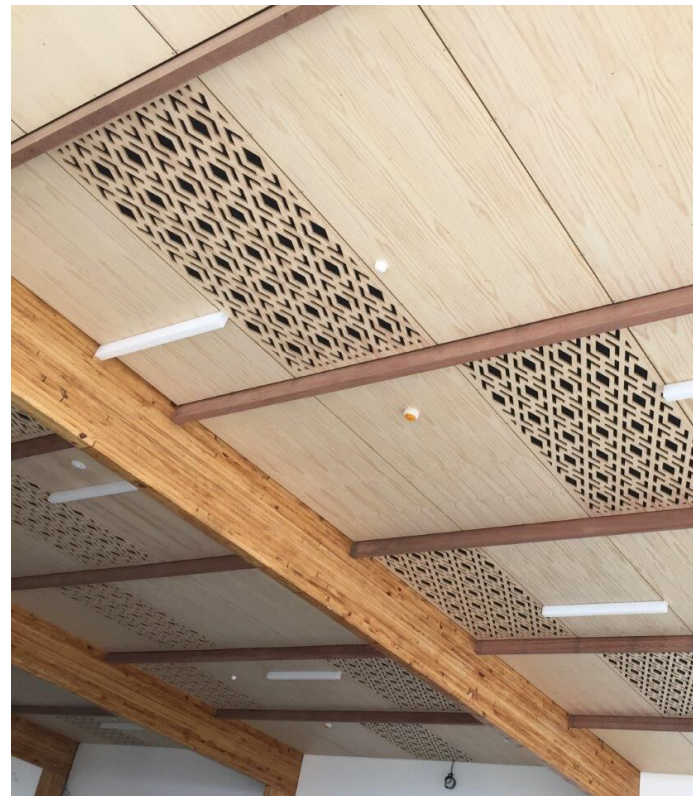
ADDITIONAL DATA

Viscosity:	High Viscosity
Flash Point:	Non-Combustile
Non.vol.contnt:	70%
Thickness:	230µm wet film thickness will use 300g/m ² and dry to 160µm DFT DO NOT THIN, wash up in warm soapy water
Storage:	12 months life-span. Do not store on concrete slabs and maintain a minimum 5°C storage temperature.

MUST BE PROTECTED AGAINST FROST

APPROVALS

TimberWhite has been tested in Europe and meets Fire Class B-s1-d0 according to EN13501-1:2010. This is recognised as equivalent to Group 1-S under the NZ Building Code.



HEALTH AND SAFETY

To learn more about the safe handling of TimberWhite™, please contact Boss Fire team.

LIMITATION

BOSS Fire & Safety Pty Ltd has provided the above technical information in good faith and to the best of its knowledge. This information was deemed to be correct at the time of publication. Should any data come to BOSS Fire & Safety's attention relating to the fire resistance or performance of the product described, BOSS Fire & Safety reserve the right to amend this report.

BOSS Fire & Safety strive to constantly improve and develop products so this information may change without notice

FURTHER TECHNICAL INFORMATION

For additional technical information on the performance of TimberWhite™ or other BOSS products please contact our Technical Services team on: info@bossfire.com.au or 1300 502 677

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