



# Coatings.



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## 01. Introduction

Techlam supplies Glulam timber products treated to H1.2, H3.1, H3.2 and H5. For this level of treatment, a coating is not required but over time the timber will become grey in colour and checking and fine cracking can occur. These changes only impact the appearance and have no impact on the structural performance. To prevent these changes we recommend that a paint or stain system is applied. This should be applied within 24 hours of receipt of delivery of the product. A light sand and reapplication of the coating is all that is required to maintain the original appearance. Coatings give your glulam timber the protection to stay in great condition. Coatings are for Interior or Exterior uses, forming a layer to protect your timber and prevent cracking, discolouration and wear.

## 02. Which Coatings to Use

We recommend a lighter coloured stain with an LRV of over 40%

A Light Reflectant Value measures the intensity of the stain. Stains are commonly tested on Cedar. Our product is Pine, so whatever you choose will be much lighter in colour. Get us to do up a few samples for your project if required.

The LRV is a rating that covers all paints and stains and changes due to the amount of coats and what surface it's applied to. Techlam cannot supply a specific LRV Rating for your stain, but we recommend light stains. Meaning there is less chance of the timber cracking from heat.

An Oil based product always works best, as it seals the product well, protecting from the inside out and there is no chance of distortion from a Water based product.

### 03. Recommended Products



#### Resene Woodsman Wood Oil Stain

Stain for exterior timber is a penetrating solventborne oil stain matching the needs of timber with your desire to achieve the most natural appearance possible.



#### WOCA Denmark

Exterior oil provides a strong water and dirt-repellent surface that prevents the growth of mould and fungus, as well as providing UV protection. It is fast-drying, and enhances the natural colour and grain of wood.



#### Sikkens Cetol HLSe

Sikkens Cetol HLSe is a transparent, satin woodcare product for interior and exterior use. Its woodstain like qualities ensure the timber grain remains highly visible.



#### Dryden WoodOil

Dryden WoodOil delivers better care, protection and a premium finish to your timber. Our formulas not only maintain wood's visual appeal but protect its core strength and durability too.



#### CD50

The CD50 Timber Protection Oils provide New Zealand's best timber protection, penetrating deep into the timber, preventing water from soaking in. CD50's protection will maintain the natural look of your timber. Your timber will be protected, and with regular maintenance will retain it's quality look for many years.



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