



DO NOT USE WATER BASED
SEALING SYSTEM ON GLULAM

IMPORTANT INFORMATION FOR INSTALLER & END USER

Temporary Sealer

All products have been temporary sealed with a solvent borne sealant prior to leaving the factory.

A Permanent Sealing System (SOLVENT or OIL BASED) appropriate for the Service and Hazard Class must be applied within 2 Weeks of manufacture.

Any such system should be solvent or oil based, NOT water based.

(This prevents moisture absorption into the timber during the application process).

Why seal?

In addition to the timber treatment, sealing is required for optimal protection and visual appearance.

Your product is made from kiln dried timber so any moisture ingress into the timber cells will cause excessive swelling and shrinkage, exacerbating the natural checking and fine cracking of timber as it ages. The timber treatment (H1.2, H3.2 or H5) does not protect against these visual issues.

Ensure your chosen system protects against moisture ingress and provides water repellence.

Particular attention should be taken to seal end grains, cuts, drilled holes, notches, slots and other exposed unprotected timber surfaces.

Maintenance

An ongoing maintenance schedule is required to ensure the sealing system remains effective and minimises the possibility of surface deterioration such as checking, splitting, cracking or silvering due to weathering. Being a natural timber product it will shrink, swell & move given changing environmental conditions. In the event these movements cause checking in the timber, the gaps should be filled and resealed to reduce the ingress of moisture into the product.

Ensure Ongoing Care & Maintenance Instructions for the Applied Sealing System are passed on to the End User.

Finished Colour

When painting or staining external glulam it is preferable to use lighter colours. Dark colours attract heat and may cause surface shrinkage.

Do not paint with products that have a LRV (Light Reflectance Value) less than 45% as these attract heat and can cause the timber to dry out excessively resulting in splitting, resin bleeding, distortion & cracking.

Handling

Glulam should be handled in a manner which prevents damage to edges & faces and avoid overstressing of members, including dropping, jarring or dragging.

Protect against forks, strops, chains or ropes when handling, lifting or transporting.

Site Storage

Transport, storage & handling should protect against damage, rain, moisture, UV & heat exposure.

Your product will arrive bulk wrapped in protective plastic wrapping. Keep wrapping in place as long as possible. Ideally stack under cover, otherwise in a well-drained location, clear of ground and vegetation.

For further details please visit www.laminatedbeams.co.nz/technical or call us on (07) 542 4540

This product has been produced under licence and in conformance with:

AS/NZS 1328:1

AS 5068

Glue Laminated Structural Timber

Finger Joints in Structural Products

Licence # 2785

Licence # 2786



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