

# TECHNICAL DATA SHEET:

## Recommendations for handling, storing and protecting Glulam timber products.

### Introduction

Merriwa Timbers has been providing quality timber products to its clients for over 30 years. We proudly manufactured our timber products in Wangaratta, Victoria as one of Australia's leading Supported Employment Enterprises.

This document outlines the requirements for the storage and handling of Glue Laminated Beams ensuring they are correctly protected prior to, and during installation.

### Handling

- » Do not drop, jar or drag the timber product as this may cause damage to the finished surfaces, edges and possible structural damage, effecting the structural integrity of the product.
- » When lifting, securing or moving the product, webbing slings should be used only. The use of chains or wire slings should not be used to avoid marking or damaging the product.
- » The product should be lifted on the edge where possible and spreader bars of suitable length used on long members to eliminate the possibility of over-stressing the member.

### Protection (On-Site Storage)

- » The product should be stored in a dry condition on-site and protected from direct exposure to the weather and UV sunlight.
- » The product should be supported with dunnage/blocking evenly spaced to provide adequate support. Product packs that are supplied in plastic wrap should be placed on dunnage with the wrapping material edge / seal face down (see Diagram 1).
- » If covered storage is unavailable, dunnage should allow for drainage and the product should be covered with suitable plastic or tarpaulins, while maintaining protection from moisture.
- » If plastic wrapping is damaged, repair with tape or remove and protect product as per Diagram 2.

### Protection (Fixed in Position)

When the product is installed, protection from direct exposure to weather (specifically sunlight and moisture) is required. This can be protected through timber sealant coatings or impervious covering/wrapping.

### Protection (Exposed Situations)

When the laminated timber product is used in exposed situations, it is vital that the correct species/adhesive combination is specified and that the appropriate protective measures are taken to prevent the adverse effects of ultra violet light and moisture ingress to the timber.

### Disclaimer

The guidelines of this Technical Data Sheet are based on current industry practices and information. Merriwa Timbers recognises that these recommendations may not suit every possible situation, and have been produced for general advice, and does not prevent damage resulting from negligence or other factors beyond the control of the manufacturer.

