

# DATA SHEET

## Onsite Care Instructions



### Handling

- Engineered Timber Products (ETP) must not be dropped, jarred or dragged.
- Care should be taken to prevent damage to surfaces.
- Protection must be used against stops, chains or wire ropes when loading, unloading & transporting.
- Care should be taken not to over-stress Red Stag TimberLab's products during transport and erection.
- ETP's should be lifted on their edges (as the product would sit in-situ). Use spreaders where applicable on long members.
- Locate slings to ensure a well-balanced load. Support and control the product with guy lines when moving.

### Protection of Finished Members

- All glue-laminated members shall have a temporary weather protection with a minimum of one coat of approved sealer applied in accordance with the manufacturer's recommendations. End grain shall be sealed with a minimum of two coats of sealer: one coat shall be applied in the factory, and a second coat is to be applied on site by others. The sealer is effective for a period of up to 10 weeks from application. If left exposed for a longer period, the timber must be recoated with your chosen coating system.
- All surfaces to be coated should be clean, dry and free from all mould, fungi etc.

### Onsite Care

- ETP's should be stored under cover during construction.
- ETP's should be stacked 150mm above level ground with adequate dunnage, to ensure no bending or bowing of the product occurs.
- ETP's should be stacked in a well-drained position well clear of the ground away from vegetation.
- ETP's stored onsite should be filleted to ensure air circulation on all surfaces of members.
- Where Glulam members are wrapped, the wrapping should be split along the underside to permit the drainage of water.
- Where wrappings are provided, these should not be removed until the last practicable moment.
- Avoid partial removal of wrapping as this may result in patchy discolouration.

## Painting

As ETP's are made from kiln-dried timber, they will absorb moisture from the surrounding environment. As such, they must be protected from the environmental elements for as long as possible. Not doing this can affect the dimensional stability of the product. When exposed to potential moisture ingress, protecting the product by way of sealing it with a good quality paint or stain system is essential. Please note that Red Stag TimberLab uses a solvent-based sealer. It can be coated after 24 hours of the sealant being applied. Most film-forming and non film-forming wood finishes can be applied. If unsure, a test patch should be done to determine suitability. The sealant is temporary and will perform for approximately 10 weeks. For more detailed instructions on how to paint ETP's, please consult the manufacturer / supplier of the coating being used.

NOTE; Do not paint or stain the product a dark colour as this will attract heat, causing the timber to move and be under stress due to environmental changes. Resin bleeding, distortion and cracking may occur. The above is a guide only. A qualified installer should handle this product only.

**NO WARRANTY APPLIES TO ANY PRODUCT THAT HAS NOT BEEN KEPT DRY, HANDLED, STORED OR PAINTED AS PER THE ABOVE INSTRUCTIONS.**