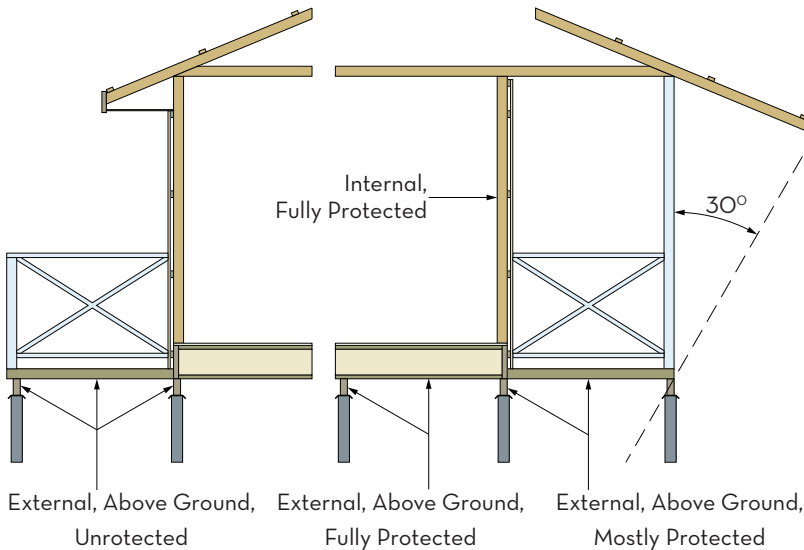


ALL LVL USED IN EXPOSED APPLICATIONS SUCH AS DECK BEARERS & JOISTS MUST BE H3 TREATED & SEALED



Laminated Veneer Lumber (LVL) products must only be used in exposed applications where wetting is periodic and can dry efficiently.

Metsa Kerto LVL, ITI Spec Beam and ITI Spec Chord must not be used in exposed structural applications where the installed LVL can not be regularly inspected for signs of moisture damage.

Care is to be taken to avoid situations where water can pool or become trapped between the LVL and its supports or joints.

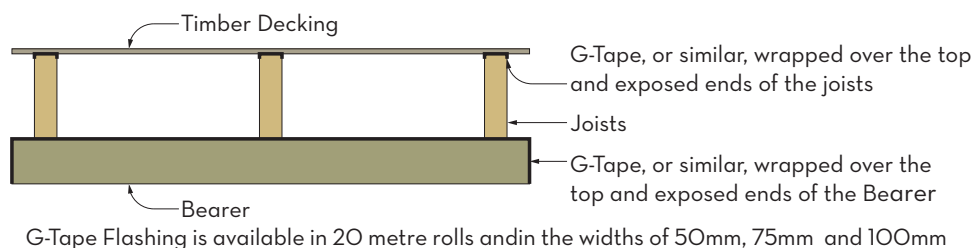
Coating System	Recommendation
Clear penetrating water repellent oils and sealants	Apply as per manufacturer's directions. May require frequent re-application (6-12 months).
Semi-transparent to full colour penetrating exterior timber stains	Apply 2 to 3 coats as per manufacturer's directions.
Solid colour exterior acrylic paints	Apply a good quality, long oil based exterior wood primer followed by two coats of premium quality exterior acrylic paint according to the manufacturer's recommendations.
Solid colour exterior gloss enamel	Not recommended.
Clear or semi-transparent exterior gloss or varnish	Not recommended.

Exposure	Requirements
Internal, Fully Protected	Additional Treatment required for Termites & Insects only
External, Above Ground, Fully Protected	Additional Treatment required for Termites & Insects. If adequate ground clearance is not available products should be treated as if they are External, Above Ground, Mostly Protected.
External, Above Ground, Mostly Protected	H3 Treatment required in addition to being installed per the below guidelines
External, Above Ground, Unprotected	H3 Treatment required in addition to being installed per the below guidelines

INSTALLATION REQUIREMENTS OF H3 TREATED LVL PRODUCTS:

1. All edges and faces of members are to be painted / sealed prior to installation using an acceptable coating method, such as an acrylic system, using the manufacturers installation requirements.
2. Always install a protective barrier to the top edge and exposed ends of all LVL's in exposed applications using either G-Tape, a malthoid type barrier flashing or similar.
3. Always trim the LVL to the length by cutting no more than 150mm from either end.
4. Treatment chemical providers stipulate the LVL should be left for a minimum of 7 days after treating and wiped clean of dust, dirt, grease and any other residues before painting.
5. Coating systems are to be regularly maintained in accordance with the manufacture's requirements.
6. Refer to AS1684.2 Appendix B for additional information on Timber Durability.
7. ITI offer alternative products which are specifically developed for use in high moisture and exposed applications. Please discuss alternative options with your timber supplier if you feel the above requirements are not practical for your intended application.

FAILURE TO INSTALL H3 TREATED METSA KERTO LVL, ITI SPEC BEAM AND ITI SPEC CHORD IN ACCORDANCE WITH THE RECOMMENDATIONS ABOVE WILL RESULT IN A RETRACTION OF LIABILITY BY ITI TOWARDS THE PRODUCT AND ASSOCIATED TREATMENTS



G-Tape Flashing is available in 20 metre rolls and in the widths of 50mm, 75mm and 100mm

