

ENGINEERED WOOD PRODUCTS

Protected Using the **TRU-CORE**® Process

TRU-CORE® Type 1 Standard for Hawaii

Global Durability Specification

For Interior Above Ground Use Only



QUALITY

TRU-CORE® protected wood products are available only from licensed manufacturers. These manufacturers use on-site tests and process control procedures to verify that protected timber meets the requirements of the protection specifications. Independent laboratories and auditors work with each facility to provide additional assurance of wood products meeting the specifications.

Producers are licensees of an independent Quality Assurance program. Look for the quality identifier mark on each piece.

*Contact Kop-Coat for a list of licensees of the **TRU-CORE**® process.*

QUALITY IDENTIFICATION

1. The **TRU-CORE**® brand name is marked on an end tag or other marking method.
2. Each piece is marked to meet the identification requirements for the intended end use with the licensee identification.
3. In addition, each piece is marked with the independent quality inspection mark.

Contact the quality inspection agency or Kop-Coat to identify licensed process users.

For additional information please see the reverse side of this Technical Bulletin

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KOP-COAT

STORAGE AND HANDLING

This protected wood product should be stored under cover or be protected from rain and weather with an impervious plastic wrap, during storage, transport and prior to use on the construction site.

As with any type of protected wood product, it is recommended that durable bearers be used on the construction site to keep the wood above ground, out of puddles and out of vegetation.

HANDLING AND DISPOSAL

Dispose of scrap and unused protected wood materials safely. DO NOT use this product, or any treated wood, for heating, cooking, bathing enclosures, animal bedding, or garden mulch or other non-weatherboard uses..

Comply with national, regional and local requirements for handling and disposal of off-cuts and sawdust.

Incineration in commercial or industrial facilities may be acceptable. Otherwise, dispose of in an approved landfill. Follow national, regional and local government requirements.

No ash from burning of any type of treated wood should be disposed of in gardens or used in animal feed, fertilizers or disposed of in such a way that it will contact plants, animals, people or waterways.

HEALTH AND SAFETY

The precautions for the handling of the **TRU-CORE**® protected wood products require the following minimum personal protection:

1. Wear heavy work gloves (e.g. leather, canvas etc) when handling wood.
2. Use eye protection and wear a dust mask when cutting, sanding, or machining wood.
3. Ensure adequate ventilation when cutting or machining wood. In confined spaces or dusty environments, local exhaust ventilation may be necessary to keep wood dust levels below maximum allowable levels for worker exposure.
4. Wash exposed skin before rest or meal breaks and at the end of the work day.
5. Launder work clothes separately from household laundry.
6. Comply with all additional national, regional, and local health and safety requirements.

Contact Kop-Coat for a protected wood Material Safety Data Sheet.



TRU-CORE® Composition Quality

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PRODUCT USE

TRU-CORE® protected, engineered wood products are specified for above ground, interior (indoor) uses in residential and commercial buildings. Do not use this wood product for ground contact or exterior structural (e.g. decking, balconies) applications or other non-engineered wood uses.

Field cutting of engineered wood to length, drilling or nailing does not require retreatment with a preservative.

The engineered wood may be painted. Always test the surface for color and coating adhesion before painting the entire project. Always follow coating manufacturer's instructions.

High quality mild steel, stainless steel or galvanized fasteners are recommended.



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PROTECTION TECHNOLOGY

The engineered wood product is protected with widely used wood protectants, which are registered and recognized in the EU, USA, NZ, Australia, Japan and other territories. The protectants are combined with additional penetration and fixation materials which are the subject of several patented and patent pending wood protection systems. These protection systems are used for many types of wood products including fencing, siding, windows, sheathing, flooring, framing and other wood and wood-based building materials.

The engineered wood product is penetrated with the unique protection systems using the **TRU-CORE**® Process. The **TRU-CORE**® Process (patented and patents pending) is suitable for applying many types of wood protectants and to fully penetrate timber and wood products to meet many different standards and specifications.

The **TRU-CORE**® Process can be used to penetrate many different types of wood products. This protection process also penetrates heartwood, "hard to pressure treat" wood species and the multiple glue lines of wood composites and engineered wood products.

The **TRU-CORE**® Process can apply non-volatile (no volatile organic compounds) protection formulations. The protection systems applied by this process provide durability while maintaining other required or desirable wood product properties and wood product dryness standards.

The **TRU-CORE**® Process can be adapted to either in-line or batch treatment options for wood product manufacturers.

For additional information please see the reverse side of this Technical Bulletin

DURABILITY

The protected engineered wood product will have increased resistance to termite and decay damage in use. Natural wood dimensional changes may occur to this product over time.

The engineered wood product is protected to the **TRU-CORE**® Type 1 Standard Specification of the City and County of Honolulu.

The engineered wood product is also protected to a "Global Specification" of termite and decay resistance. The "Global Specification" was established as a composite recommendation of the world's leading wood protection experts. The penetration and retention requirements of the "Global Specification" are intended to provide durable wood protection in any geographical location where wood is normally used to extend the service life of wood products in the uses and conditions listed in this bulletin.

Check with national, regional and local authorities for other superseding or overriding standards or codes before using.

The engineered wood product must be installed, used and maintained according to the board manufacturer's written requirements and any national, regional or local standards, codes and requirements.

Always refer to the Manufacturer's written limited warranty or Fit for Purpose or Standards and Specification Statements for each product and geography of use.

TRU-CORE® PROTECTED ENGINEERED WOOD PRODUCTS INCLUDE:

- I-joists
- OSB
- LVL
- I-Beams
- Plywood
- LSL
- PSL
- Lam Beams

Always follow Manufacturer's written instructions for shipping, storing, handling, installing, using, and maintaining their **TRU-CORE**® protected, engineered wood products.

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