



KLEARGARD|25™
WITH TRU-CORE® TECHNOLOGY



Klear Gard | 25™ With Tru-Core® Technology is a revolutionary new pressure treating product that performs a unique physical-chemical process to rapidly and deeply penetrate difficult to treat wood species. No longer is the wood surrounded by a ring of treatment, Klear Gard | 25™ With Tru-Core® Technology fully permeates and protects, all while maintaining the wood's natural appearance. Unlike other wood preservatives, Klear Gard 25™ can be specified to treat difficult to penetrate wood species including Douglas Fir, Redwood, Cedar, and White Oak.

Lumber products treated with the Klear Gard | 25™ preservative system provides protection for above ground, exterior and interior applications, under conditions when wood can be attacked by wood-degrading fungi and subterranean termites (including Formosan termites). It provides excellent durability for products like railings, steps, decks, exposed beams, and glulams. This unequalled treatment product is metal free and contains no more VOCs than the wood product itself.

Contact us to learn more.

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PROVIDED BY PERMAPOST

Permapost is one of the few companies providing both fabrication and pressure treating at a single location. We consult with architects and engineers, then working from their plans we fabricate and treat structures such as bridges, sound barriers, boardwalks, campground amenities, and architectural lighting poles.

Permapost also provides "service only" options. We will custom fabricate and treat our customer's material allowing them to utilize their own supply of engineered wood products, lumber, plywood, posts, and poles.

PERMAPOST
PRESSURE TREATING AND FABRICATED WOOD PRODUCTS



PRODUCT INFORMATION AND SPECIFICATION GUIDELINES

PART 1 | GENERAL PRODUCT INFORMATION

The Klear Gard | 25™ With Tru-Core® Technology preservative system is designed to provide protection for lumber, timbers, laminated beams, plywood, architectural and engineered wood products.

Klear Gard | 25™ is metal free and contains no more vocs than the wood product itself. Klear Gard | 25™ system does not promote undesirable changes such as swelling.

Klear Gard | 25™ is not corrosive to common Zinc coated and Aluminum fasteners.

PART 2 | PRODUCT DESCRIPTION AND INFORMATION

Klear Gard | 25™ With Tru-Core® Technology preservative system provides protection for wood in above ground, exterior and interior application, under conditions favoring fungi decay and subterranean termites, including Formosan termites.

Klear Gard | 25™ is a water based emulsion containing a combination of five established fungicides and insect deterrent chemical compounds, along with TRU-CORE®, a unique physical-chemical infusion process that allows key ingredients to rapidly and deeply penetrate difficult to treat wood species.

Klear Gard | 25™ is not approved for ground contact applications.



Traditional pressure treatment process leaves a majority of the interior of the wood unprotected.



Klear Gard | 25™ retains the wood's natural appearance, while providing full interior and exterior protection.



Klear Gard | 25™ penetration sample: A red dye has been added to prove how much of the wood has been protected.

PART 3 | TECHNICAL DATA AND SPECIFICATIONS

Treating Process | Vacuum/pressure process which conforms to treatment specification in AWPA T1-14 standard 2.1 , 2.2 or latest revision.

Preservative | Klear Gard | 25™ is a water based emulsion containing propiconazole, tebuconazole, imidiclopid (PTI), permethrin, and IPBC. Klear Gard | 25™ utilizes a proprietary non-volatile ionic binding carrier (TANO® s) to penetrate the cellular structure of wood through the assistance of pressure/vacuum.

Treatment Specifications | The minimum specified average retention of 0.24 pounds per cubic foot (pcf) of the combined actives meets the following standards: AWPA PTI UC3B Jurisdiction, AS 1604.1 Water based Azole with Permethrin H3 Jurisdiction, and TRU-CORE 1, City and County of Honolulu Jurisdiction.

PART 4 | POST-TREATMENT CONDITIONING/INSTALLATION

Klear Gard | 25™ with TRU-CORE Technology uses a water emulsion process to impart the preservative components into the wood fiber. After treating process has completed the wood surface will be damp, but will dry rapidly once the material is separated and air is allowed to circulate around each piece.

Klear Gard | 25™ is compatible with commercial paints and stains once surface water has evaporated.

Warning: This product contains a chemical known to the state of California to cause cancer.

For more information on Proposition 65, visit <http://oehha.ca.gov/prop65.html>

PART 5 | HANDLING AND DISPOSAL OF TREATED WOOD

Gloves are recommended as a normal precaution against wood splinters and skin abrasions when handling any treated wood product. Dust masks, eye protection and gloves should be worn when cutting treated wood. Wash hands thoroughly after handling and before eating and smoking. Good personal hygiene should always be used. Launder any clothing which becomes contaminated during handling, machining or sawing of the treated product. Treated material may be disposed of through normal trash collection for an approved sanitary landfill.

Do not burn treated material in fireplaces or where people will be exposed to the smoke or ashes, both of which may be toxic.