



December 6, 2005

Subject: HI-CLEAR II™ Preservative-Treated Engineered Wood Products

Pacific Woodtech Corporation I-joist and laminated veneer lumber products may be treated with the Permapost Hi-Clear II™ preservative system and will continue to be covered by the Pacific Woodtech product warrantee. Design properties do not require adjustment for the effects of this treatment. Treated products are recommended only for interior applications, or protected, above-ground exterior applications, at an in-service moisture content of 16% or less.

OUR PRODUCT WARRANTY

Pacific Woodtech Corporation warrants that its products will be free from manufacturing errors or defects in workmanship and material.

In addition, provided the product is correctly installed and used, Pacific Woodtech Corporation warrants the adequacy of its design for the normal and expected life of the structure.

This warranty is backed by the full resources of Pacific Woodtech Corporation and by underwritten product liability insurance.

Refer to the HI-CLEAR II™ Product Information and Specification Guide for important treatment information.

Pacific Woodtech Corporation

A handwritten signature in black ink, appearing to read "William N. Grove".

William N. Grove, P.E.
Director of Engineering

HI-CLEAR II™

Product Information and Specification Guide

PART 1 - GENERAL PRODUCT INFORMATION

HI-CLEAR II™ is a petroleum solvent based 2-component wood preservative system for the pressure treatment of lumber, timbers, laminated beams, plywood and architectural wood products.

Treatment with the HI-CLEAR II™ preservative system provides protection for wood in above ground, exterior and interior applications under conditions favoring insect attack and when wood can be attacked by wood-degrading fungi.

PART 2 - PRODUCT DESCRIPTION AND INFORMATION

HI-CLEAR II™ is a preservative system containing a fungicide and insecticide in a complementary combination resulting in an effective treatment which helps to protect against both decay and insect attack.

HI-CLEAR II™ is a petroleum solvent system which can be used to pressure treat high grade, but sometimes difficult to penetrate, wood products which are typically required in high quality and aesthetically pleasing applications. Use of the system, with an appropriate solvent, does not promote undesirable changes such as swelling.

HI-CLEAR II™ is not approved for ground contact applications.

PART 3 - TECHNICAL DATA AND SPECIFICATIONS

TREATING PROCESS - Vacuum/pressure treatment which conforms with process specification in AWWA Standard C1 (latest edition)

PRESERVATIVE - HI-CLEAR II™ is a solvent-based (mineral spirits) preservative system containing Permethrin (insecticide) and IPBC (fungicide) which are the active components in EPA-registered pesticides.

LOW ODOR MINERAL SPIRITS - Low odor mineral spirits generally has an aromatic content of less than one percent. This requirement should be specified by the purchaser/specifier.

TREATMENT SPECIFICATIONS - The minimum specified average retention is 0.006 pounds per cubic foot (pcf) Permethrin and 0.035 pounds per cubic foot (pcf) IPBC in the assay zone. The required assay zone for Southern Pine is 0.0 to 0.6 inch for all wood products up to two inches in thickness and 0.0 to 1.0 in for all wood products over two inches thick; and for refractory species, i.e., Douglas Fir and Hem Fir, the assay zone is 0.0 to 0.6 inch for all wood products.

PART 4 - POST-TREATMENT CONDITIONING / INSTALLATION

HI-CLEAR II™ treated wood must be dry and odor free before using in construction. After treatment and prior to use, place treated material in well ventilated area or "open air" environment and stack so that air circulates around each piece until dry and odor free. Do not allow vapors to collect in closed spaces (especially working or living areas) during the drying process. Do not breathe vapors of freshly treated wood. Do not install in enclosed or interior areas until solvents have completely volatilized.

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.**

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