

CEDARSHIELD[®]

ADVANCED TECHNOLOGY WOOD PRESERVATIVE

"Chemical Free Solutions"

I. CEDARSHIELD PENETRANT - A GREEN PRODUCT

A. GENERAL

CEDARSHIELD is a clear light amber-colored, non VOC liquid developed as a penetrant for the treatment of all woods. It will waterproof, preserve and make the media immune from wood eating insects, decay, mold and fungal organisms.

B. FORMULA

CEDARSHIELD contents are protected by proprietary formulas. They are non-soluble in water, non-volatile, and heat resistant. CEDARSHIELD thoroughly penetrates the hardest woods and does not discolor. Can be finished in any manner desired. Post treatment does not compromise any pre finished surface such as

C. CHARACTERISTICS

The Characteristics of CEDARSHIELD as a chemical free wood treatment are industry firsts. No special fasteners are required. They are as follows.

II. SPECIFICATIONS - CEDARSHIELD PENETRANT - A GREEN PRODUCT

A. FLASH POINT

158 F - Cleveland Open Cup Method

B. SPECIFIC GRAVITY

Approximately 0.736

E. WEIGHT

6 - 1/2 lb. per Gallon

F. COLOR

Clear. Light Amber.

G. ODOR

Pleasant red cedar aroma accented with a fruit scent. Never overwhelming or obnoxious. Inside use acceptable.

H. PENETRATION

Penetration varies with texture and density of wood. Dense 2 inch Yellow Pine submerged 20 minutes gives complete impregnation. Ponderosa Pine, 8 minutes. Larger size timbers such as cross ties and corner posts will require 1 hour of submersion. O.S.B., particle board and plywoods absorb solution very quickly.

I. ABSORPTION

Species of wood governs absorption, as well as density and length of time of submersion. 2 inch dense Yellow Pine absorbs approximately 1 gallon per 100 board feet; Ponderosa Pine absorbs approximately 2 gallons per 100 board feet. Hardwoods somewhat less and cypress somewhat more.

J. DRIP TIME

When wood is placed so that all surfaces drain freely, will drip dry in 3 to 4 minutes. Wood is then ready to be moved without waste of CEDARSHIELD.

K. DRYING TIME

CEDARSHIELD-treated lumber can be handled, stacked or loaded for delivery ten minutes from time of treatment. CEDARSHIELD cures by catalytic reaction with oxygen. Painting, staining and sealants work best

L. COLOR AND GRAIN ENHANCEMENT

Wood grains are enhanced by use of CEDARSHIELD. Natural looks are preserved in Western Red Cedar board and fence material.

M. PERMANENCE

CEDARSHIELD is not soluble in water and is non-volatile. The reactions between CEDARSHIELD and cellulose in the wood, forms a waxy formation in the cells, and results in it being perpetual. Tests made by the research laboratories prove that wood treated with CEDARSHIELD still contained the chemicals after being placed under 212 F for 15 days.

N. WATER RESISTANCY

CEDARSHIELD is insoluble in water and therefore drives moisture out of wood. Siloxene compounds carried into the cellular structure of the wood cure and render the wood water resistant internally and externally. CEDARSHIELD solvents cannot be displaced with water and rejects advances of moisture.

O. PAINTABILITY

Wood treated with CEDARSHIELD does not require a primer coat. Treated wood painted two coats gives equal or better results than a primer coat and two paint coats on untreated wood. Stains can be applied successfully within 24 hours, and suggest enhanced results.

P. PUTTYABILITY

CEDARSHIELD does not affect adhesion of wood putty, caulking or glues commonly used in construction methods or wood flooring installations.

Q. SKIN IRRITATION

CEDARSHIELD will not irritate skin unless allowed to remain for considerable length of time. Safety glasses and rubber gloves are recommended when working with any solvent material.

R. ANTI MICROBIAL PROPERTIES.

CEDARSHIELD' Red Cedar turpenes provide anti bacterial activity comparable to that of streptomycin. The result being control of wood decay, mold and fungal organisms.