



Product Application Guide

CretoWood

Product Description

Creto CretoWood was developed to permanently seal, waterproof, and harden wood products. CretoWood is water based, non-toxic and non-flammable.

The proprietary catalyst in Creto CretoWood allows it to penetrate through the layers of cells in the wood, where CretoWood reacts with both the acids and the alkali present in the individual cells of most woods forming an areo silica gel membrane on the surfaces of the cell walls.

This membrane forms an **internal seal and barrier** against water and other causes of deterioration.

Over the 6 to 12 months following application, the aero silica gel membrane formed will hydrate and harden into glass petrifying the wood treated and is effective whether applied on surfaces which will be above or below grade.

CretoWood will not permanently alter the colour, texture, or any other physical characteristic of the natural wood to which it is applied.

CretoWood provides a prepared surface 300% more effective than wood in the bonding of varnish, stains, paint and mastics.

Advantages

“DPS for wood”

A one-time application will petrify the wood,
Leaves clear, natural finish with no surface film
Helps wood retain and structural integrity longer
Decreases or eliminates deterioration and weathering

Enables easier ice and snow removal
Increases resistance to grease, oils and acids
Non-toxic, environmentally and ecologically friendly

Easy clean up with water

Uses

Wooden Basements
Decks,
Fence Posts, Rails and Slats
Siding and Shingles
Log Homes
Window Boxes, Frames and Sash
Wooden Planters
Anything made of wood needing a longer life

Surface Preparation

Previously non-treated, or bare wood needs no prior preparation. Any existing paint or surface treatment must be removed for CretoWood to penetrate and be effective.

Remove by scraping, grinding, and / or applying a suitable caustic solvent remover.

Application Equipment

Brush
Mop
Roller
Low Pressure (20-30 psi) Sprayer

Mixing & Application

1. Creto CretoWood is pre-mixed at the factory, but, **Shake it well before using it**, this agitation will enhance CretoWood's penetration and effectiveness.
2. Do not dilute or mix CretoWood with water or any other liquid. Use only as supplied.
3. Normal applications only require one coat, but, depending on the porosity of the wood being treated, additional applications may be required.
5. Apply liberally and saturate all areas. On vertical surfaces, apply from the bottom up.



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6. In problem areas where foreign matter such as grease or oil have penetrated below the surface, apply CretoWood, then allow the foreign matter to be floated to the surface by the CretoWood as it penetrates. Flush off this foreign matter with water and reapply CretoWood after each flushing.

Several applications may be needed in order to flush all such foreign matter to the surface.

Note: While oil, for example, will be removed, stains from used motor oil may not.

6. CretoWood penetrates the surface within two to four hours after application.
7. Limited foot traffic is permissible after as little as thirty minutes.
8. Clean up is with clean water.

Coverage Rates

Coverage rates with CretoWood depend on the porosity and hardness of the wood being treated.

Coverage can range from 100 to 280 square feet per gal.

Packaging

20 liter pails/US 5 gal pails
208 liter drums/US 55 gal drums

Limitations

Creto CretoWood is water based, **CretoWood will freeze**. As such it should never be applied if the surface or ambient temperature is or will drop low enough (overnight) to freeze the material.

Caution - Please Note

Do not apply CretoWood or allow any overspray from applications to come in contact with glass, glazed surfaces, or aluminum, as etching will occur.

In case of accidental contact, rinse thoroughly and immediately with water.

CretoWood is not meant to fill or seal visible cracks in wood.

For surfaces not specified in our literature or if you are uncertain as to previous chemical treatments, (to the surface you are considering applying CretoWood to), we recommend that CretoWood be applied to a small test area first.

If CretoWood becomes frozen, thaw out completely and shake well to fully remix the material prior to using.
Freezing will not harm the product.

CretoWood will expand if it freezes. It will and can burst containers if it freezes.

CretoWood will not reflect UV rays or inhibit damage from UV rays.

Disclaimer

Creto Engineered Solutions, and Creto International Inc., believe this information to be true to the best of our knowledge and our products are of the highest quality and uniform within manufacturing tolerances.

Since no control is exercised over product use, no warranty, expressed or implied, is made as to the suitability of products for a particular use or as to the effect of such use, and no liability is assumed, directly or indirectly.

4. Buyers and users are encouraged to conduct their own tests prior to application.