

Restore-X[®] PENETRATING WOOD DECK FINISHES

02C-Series

PRODUCT DATA SHEET

CHARACTERISTICS

Restore-X[®] 02C-Series Penetrating Wood Deck Finishes provide the performance of a protective finish while penetrating deep into the wood grain as a stain would. Because of this deep penetration into the wood, 02C-Series products provide excellent exterior durability. The rejuvenating property of the oils allows protection with gradual wearing over time. Special additives protect the wood from harmful effects of the sun while retarding fungal growth, mildew and blue stain. This product is recommended for use on properly prepared wood decking, wood patios, wood screening, porches, outdoor furniture, steps, railings, plywood and wood fencing.

Color:

Cedar, Redwood, Clear and Special Order Semi-transparent Colors. Contact the Forrest Paint Co. for more information.

PHYSICAL PROPERTIES

Coverage:

Recommended:.....200 ft² (18.6 m²)/gal
@ 8.3 mils wet.....1.0 mils dry

Drying Time @ 77°F (25°C), 50% Relative Humidity
Temperature and humidity dependent

Touch.....4 hours
Through Dry.....24-48 hours

Flash Point:.....>200°F (93°C) TCC

Finish:.....penetrates/translucent

Solvent/Reducer:.....Water

Vehicle Type:.....Acrylic/Oil blend

VOC (less exempt solvent)
335 grams/liter.....2.8lb/gal

Volume Solids:.....12.6%

Weight Solids:.....13%

Weight/Gallon:.....8.3lb(3.76 kg)

A.I.M. category: Stains

SURFACE PREPARATION

Proper surface preparation is the key to maximum performance. The durability of this product can be impaired by an unsound or poorly prepared surface. It is very important that the surface be clean of all dirt, mildew, loose wood fibers and other foreign matter. In order to be effective, the Penetrating Wood Deck Finish must be able to penetrate. Surfaces must be structurally sound and absolutely dry. Wood moisture content must be below 15% or the wood must be exposed to dry weather a minimum of 3 to 5 days. Previously stained or weathered wood surfaces must be sanded, scrubbed, or removed with Restore-X[®] Exterior Finish Remover or Exterior Wood Deck Cleaner. These products will also remove loose wood fibers, dirt, mildew, chalky residue, waxes, oils from exotic woods and pressure treated woods, shiny new wood (Mill Scale), and other foreign materials.

Mildew

Use Restore-X[®] Exterior Finish Remover or Exterior Wood Deck Cleaner to remove mildew. Mildew may also be removed by washing the wood with a solution of 1 part household liquid bleach and 3 parts water. *Do not add detergents or ammonia to the bleach/water solution.* Apply the solution and scrub the mildewed area. Allow solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow surface to dry before applying 02C Product.

SAFETY

Wear protective eyewear, waterproof gloves and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin or eyes. Refer to CAUTIONS below for cleaning and disposal of rags and clothing.

APPLICATION

General

Stir thoroughly before using. Apply with brush, roller, pad, and airless or conventional spraying systems. Use at package consistency. Avoid painting late in the day when dew or condensation is likely to form or when rain is threatening. Apply when the (air, surface and product) temperature is 50°F (10°C) min., 100°F (37°C) max., and at least 5°F above dew point. The relative humidity should be 85% max. Do not apply to porous substrates such as new wood, restored old wood surfaces, etc. if the substrates have moisture content greater than 15% or are wet to the touch.

All water based decking stains can have a potential to lap. To reduce any lapping tendencies, do not apply in direct sunlight or when the deck feels hot to the touch. A very light misting of water, enough just to swell the wood grain on the decking surface will also reduce any lapping tendencies. Do not apply if the surface feels wet to the touch.

Dew Point

Dew Point is the temperature at which moisture will condense on a surface. No coatings should be applied unless surface temperature is a minimum of 5°F above this point. Temperature must be maintained during curing.

Example: If the dew point is 63 ° F. No coating should be applied unless the surface temperature and coating material is 68 ° F minimum.

Brush

No reduction is necessary. Use a nylon / polyester brush.

Roller

No reduction is necessary. Use a 3/8"-3/4" nap synthetic roller cover.

Pad applicator
No reduction is necessary

Spray-Airless

Pressure.....2000 psi
Tip......013"-017"
Reduction.....none

Spray-Conventional

Air Pressure.....40-60 psi
Fluid Pressure.....20 psi
Cap/Tip.....704/FX
Reduction.....none

Note: When spray applying over large areas of Wood, such as Decking, Patios, Siding, Shakes, Shingles or Fencing; it is recommended that this Stain be backrolled or backbrushed, in order to work O2C into the substrate. When back rolling, Do not apply more product, simply back roll what is already on the wood from spraying. It is important to apply this product like a stain and not thick, like a paint. Applying too thick may cause peeling and uneven wear in high traffic areas.

Periodic maintenance of any stained horizontal wooden surface intended for foot traffic may be required in order to maintain decorative and protective functions.

CLEANUP INFORMATION

Clean spills and spatters immediately with soap and warm water. Clean hands and tools with soap and warm water. Do not allow to dry more than 10 minutes on the application equipment without cleaning your tools. After cleaning flush spray equipment with mineral spirits to prevent rusting.

CAUTIONS

This product is for exterior use only. It contains solvents and/or other chemical ingredients. Rags, Steel Wool and waste soaked with Restore-X® O2C-Series Penetrating Wood Deck Finish may spontaneously catch fire if improperly discarded. Immediately after each use wash rags, steel wool other materials thoroughly with water and lay flat in an open area to dry. Once dry discard in the trash. Thoroughly wash contaminated clothing immediately. Adequate health and safety precautions should be observed during storage, handling, use and drying periods.

**READ MATERIAL SAFETY DATA SHEETS
BEFORE USING THIS PRODUCT.**

LIMITATIONS

The technical data and suggestions for use in this product data sheet are currently correct to the best of our knowledge, but are subject to change without notice. Because application and conditions vary, and are beyond our control, we are not responsible for results obtained in using this product, even when used as suggested. The user should conduct tests to determine the suitability of the product for the intended use (including liability for breach of warranty, strict liability in tort, negligence or otherwise) is limited exclusively to replacement of the product or refund of its price. Under no circumstance are we liable for incidental and consequential damages.

Supersedes previous data sheets for this product.
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