



PRODUCT DATA SHEET

TWP-1800 Natural Effect Topcoat

DESCRIPTION

TWP Natural Effect is a waterborne topcoat for wood that will deliver protection and durability against the harsh elements of weathering. This coating is designed to have controlled erosion which prevents flaking, cracking or chalking over time. This allows for easy maintenance and touch up throughout the life of the project. TWP Natural Effect contains special UV absorbers to protect against harmful UV rays. This product can be used on walkable surfaces. TWP Natural Effect produces a beautiful finish that accentuates grain patterns with great clarity.

| PRODUCT NUMBER/COLOR | TYPICAL COATING PROPERTIES | SPECIFICATIONS&INFORMATION |
|--|--|---|
| TWP-1800 Natural Effect Topcoat | <p>Viscosity: 25 seconds #2 Zahn Weight Solids: 27.5% Volume Solids: 25.65% Weight/Gallon: 8.51 lbs./gal Coverage: 250-300 sq. ft. per gallon depending on wood porosity.</p> <p>VOC Material 0.43 LBS / Gal or 51g/l Coating 1.37 LBS / Gal or 163.72g/l Ratio 0.18 LBS VOC/ LBS Solids</p> <p>Haps Free</p> <p>Dry Times:* Air Dry: 1 hour at 74 ° F Recoat: 1 hour depending on climate Walkable: after 24 to 48 hours</p> <p>*This product is extremely sensitive to climatic variations: low temperatures and/or high relative humidity will increase the drying times of this product.</p> <p>Shelf Life: 24 months @77° F in unopened original container and stored in a cool dry area. Always rotate stock.</p> <p>Storage and Disposal: Store in dry place with temperatures above 50°F. Close container after each use. Dispose of any leftover product in accordance with Federal, State, and Local regulations.</p> <p>Do not discard waste in public sewers.</p> <p><i>Note: To the best of our knowledge, the above technical data is true and accurate at the date of issuance but is subject to change without prior notice.</i></p> | <p>Application Instructions: TWP Natural Effect must be applied over TWP Impregnating Stains. This product can be applied by brush, roller or spray. For Spray application, adjust the sprayer to avoid uneven application and use a brush to remove any sags or runs. It is recommended to apply two coats for best protection and durability allowing 1 hour dry time at 74 °F between coats. The TWP Impregnating Stain can be added to this topcoat not to exceed 6 ounces per gallon, this will add additional UV protection.</p> <p>Do not apply with temperatures below 60° F.</p> <p>Clean up: Any equipment used can be cleaned with water. Brushes and rollers can be cleaned with soap and water. Dried material on equipment can be removed with acetone. Clean up spills before TWP® dries. Dispose of any leftover product in accordance with federal, state, and local regulations regarding pollution. Do not allow TWP® to dry on any surface you do not want coated.</p> <p>Do not discard waste in public sewers.</p> |
| PRODUCT ADVANTAGES | | |
| <ul style="list-style-type: none"> ➤ Easy to apply by brush, roller or spray. ➤ Does not chip, peel or flake over time. ➤ Dries Clear. ➤ Easy to recoat when the project needs to be refreshed. ➤ Repels water. ➤ Can be applied on walkable surfaces. ➤ Contains special UV absorbers. ➤ Fast drying in an hour or less. ➤ Suitable for application over exotic, soft and hardwood substrates. | | |

June 2023

The following supersedes any provision contained in the forms, letters and papers of your company. The information contained herein is believed to be reliable. **HOWEVER, GEMINI MAKES NO WARRANTY CONCERNING THIS PRODUCT, WHETHER EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** UNDER NO CIRCUMSTANCES SHALL GEMINI BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR ANY OTHER DAMAGES FROM ALLEGED NEGLIGENCE, BREACH OF WARRANTY, STRICT LIABILITY, OR ANY OTHER LEGAL THEORY, ARISING OUT OF THE USE OR HANDLING OF THIS PRODUCT. THE SOLE REMEDY OF THE BUYER AND THE SOLE LIABILITY OF GEMINI FOR ANY CLAIMS SHALL BE LIMITED TO THE BUYER'S PURCHASE PRICE OF THE PRODUCT WHICH IS THE SUBJECT OF THE CLAIM OR THE AMOUNT ACTUALLY PAID FOR SUCH PRODUCT, WHICHEVER IS LESS. TECHNICAL ADVICE FURNISHED BY GEMINI SHALL NOT CONSTITUTE AN EXPRESS WARRANTY, WHICH IS EXPRESSLY DISCLAIMED. ALL TECHNICAL ADVICE GIVEN IS ACCEPTED AT THE RISK OF THE BUYER. **CAUTION: DANGER! FLAMMABLE! VAPORS MAY CAUSE FLASH FIRE. VAPOR HARMFUL. HARMFUL OR FATAL IF SWALLOWED. INJURIOUS TO EYES. KEEP OUT OF THE REACH OF CHILDREN!** BEFORE using this product it is essential that the "Material Safety Data Sheet" describing the product as well as the "Product Label" be reviewed. If your company does not have such information or has any questions, contact the manufacturer.

PRODUCT DATA SHEET TWP-1800 Natural Effect



Substrate preparation:

New wood: Depending upon the species and selection, it is normal to allow new wood to naturally weather 3 to 12 months before applying this stain and topcoat. Power wash and allow the surface to dry a minimum of 48 hours in good drying conditions before beginning the stain and topcoat application.

Cedar and Redwood: Allow 4 to 6 months of unprotected weathering.

Exotic and Hardwood: Woods such as Mahogany, Oak, Ipe and Teak are very dense and may take up to 6-12 months of unprotected weathering.

New Pressure and Chemically Treated Wood: Allow 6-12 months of unprotected weathering.

Old Wood: Unprotected old wood typically has various shades of gray to black due to mildew and ultraviolet light attack on the wood surface. Old wood should be cleaned with a solution of 1 part household bleach to 3 parts water or a wood bleach agent. The bleached surface should be thoroughly rinsed with water, powder washed and then allowed to dry for a minimum of 48 hours in good drying conditions before application of the impregnating stain and topcoat.

Previous Sealed Wood: Any Previously applied finish must be removed before this TWP system can be applied. Clean the surface with a solution of 1 part household bleach to 3 parts water or a wood bleach agent. Thoroughly rinse the bleached surface with water. Once the surface is bleached and rinsed, remove the prior finish with an appropriate stripper following label instructions and safety precautions. Sanding with 60-80 grit sandpaper may be needed. Power washing is recommended. Allow the wood to dry for a minimum of 48 hours in good drying conditions before application of the impregnation stain and topcoat.

Material Preparation: No reduction is needed but if necessary based on your equipment it can be reduced not to exceed 1 quart of water per gallon of TWP Natural Effect.

Application: TWP Natural Effect must be applied over TWP Impregnating Stains. This product can be applied by brush, roller or spray. For Spray application, adjust the sprayer to avoid uneven application and use a brush to remove any sags or runs. It is recommended to apply two coats for best protection and durability allowing 1 hour dry time between coats. The TWP Impregnating Stain can be added to this topcoat not to exceed 6 ounces per gallon, this will add additional UV protection.

TWP Natural Effect can be applied using a brush, roller, conventional spray equipment or airless sprayer.

To Spray: Use minimum amount of pressure necessary for proper spray pattern to reduce overspray. Block overspray by using a small cardboard shield or professional spray shield. Wood porosity can vary from board to board. Back brushing with a thick, natural bristle brush will help achieve uniformity.

Brush, Roller, or Pad: Apply a uniform coat maintaining a wet edge. For best results finish 2 or 3 continuous board lengths, thereby avoiding lapping in the middle of boards. If you stop in the middle of your project be sure and finish the last board from end-to-end to avoid lap marks. If applied with a roller, back brushing with a thick, natural bristle brush will help achieve uniformity.

Maintenance for renewal applications: Over time, regular refreshment can considerably increase the duration of the coating, making refinishing work less frequent. Once the coating has shown some wear and weathering, clean the surface using neutral soap and water, sand any areas if necessary, remove all dirt and debris from the surface and then you are ready to reapply the TWP Natural Effect.



Precautions:

Before using any chemical around plants or vegetation, water plants and surrounding ground thoroughly so TWP® absorption is less likely. Avoid getting water on the wood surfaces to be treated. Use plastic to cover any plants, shrubs or grass. Remove coverings quickly to avoid damage. TWP® will stain other substrates, therefore on concrete, painted surfaces, siding or brick, tape off areas with plastic before application. TWP® is not intended for the control of termites or other wood destroying insects. TWP® is not intended for below ground use. BEFORE USING THIS PRODUCT, it is essential that you consult the Safety Data Sheet (SDS) describing the product as well as known possible hazards. If you do not have one, ask your sales representative to provide one for you.