



# PRODUCT DATA SHEET

## TWP-1800 Natural Effect Topcoat

### DESCRIPTION

TWP Natural Effect Finish is the second step of the two-part exterior waterborne system that provides protection and durability against the harsh elements of weather. TWP Natural Effect Finish is designed to have "controlled erosion" which prevents flaking, cracking, or chalking over time and allow for easy maintenance and touch up throughout the life of the wood surface. TWP Natural Effect Finish contains special UV absorbers to help protect against harmful UV rays and produces a beautiful low sheen finish that accentuates grain patterns with great clarity.

PRODUCT NUMBER/COLOR	TYPICAL COATING PROPERTIES	SPECIFICATIONS & INFORMATION
TWP-1800 Natural Effect Topcoat	<p><b>Viscosity:</b> 25 seconds #2 Zahn  <b>Weight Solids:</b> 27.5%  <b>Volume Solids:</b> 25.65%  <b>Weight/Gallon:</b> 8.51 lbs./gal  <b>Coverage:</b> 250-350 sq. ft. per gallon depending on wood porosity.</p> <p><b>VOC: Material 0.43 lb. / Gal or 51 g/l</b>  <b>Coating 1.37 lb. / Gal or 163.72 g/l</b>  <b>Ratio 0.18 lb. VOC/lb Solids</b></p> <p><b>This product is HAPs free.</b></p> <p><b>Dry Times:*</b>  <b>Air Dry:</b> 1 hour at 74° F  <b>Recoat:</b> 1 hour depending on climate  <b>Walkable:</b> 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><b>Shelf Life:</b> 24 months @77° F in unopened original container and stored in a cool dry area. Always rotate stock.</p> <p><b>Storage and Disposal:</b> 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 temperatures should be between 60° and 90° F.</p> <p>TWP Natural Effect is for use over TWP Impregnating Stain only.</p> <p>Do not apply when precipitation is expected within 48 hours of application.</p> <p>Do not apply to wood that is wet from precipitation, dew or cleaning.</p> <p><b>Thinning and Cleanup:</b> Thin with distilled or bottled water up to one quart per gallon. Use soap and water for equipment clean-up. Dried material on equipment can be removed with acetone.</p> <p><b>Companion Products:</b>  TWP-9011 Teak  TWP-9013 Walnut  TWP-9021 Mahogany  TWP-9052 Dark Walnut  TWP-9054 Ebony  TWP-9066 Chestnut</p>
PRODUCT ADVANTAGES		
<ul style="list-style-type: none"> <li>➤ Easy to apply by brush, roller or spray</li> <li>➤ Does not chip, peel or flake over time</li> <li>➤ Dries Clear</li> <li>➤ Easy to recoat when the project needs to be refreshed</li> <li>➤ Repels water</li> <li>➤ Can be applied on walkable surfaces</li> <li>➤ Contains special UV absorbers</li> <li>➤ Fast drying</li> <li>➤ Suitable for exotic and hard wood</li> </ul>		

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# PRODUCT DATA SHEET TWP-1800 Natural Effect

## **SURFACE PREPARATION**

After allowing the TWP Impregnating Stain to dry at least 4 hours under good drying conditions, ensure the surface is free of debris and cover surfaces not intended to be coated.

## **APPLICATION INSTRUCTIONS**

Stir prior to and during application. Do not machine shake product. TWP Natural Effect Finish must be applied over TWP Impregnating Stains. TWP Natural Effect Finish can be applied by brush, roll, or spray. This product will appear milky during application to aid in uniform coverage of your surface but will dry clear. It is recommended to apply two coats of TWP Natural Effect Finish for protection and durability, allowing 1-hour dry time between coats.

For added UV protection, TWP Impregnating Stains may be added into the TWP Natural Effect Finish up to 6 ounces per gallon.

**To Spray:** For spray application, adjust the sprayer to avoid uneven application and use a brush to remove any sags or runs. Use the minimum amount of pressure necessary for proper spray pattern to reduce overspray. Block overspray by using a small cardboard or professional spray shield.

**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, synthetic bristle brush will help achieve uniformity.

**MAINTENANCE:** TWP Natural Effect Topcoat is designed to degrade slowly over time as UV radiation impacts the surface. Regular refreshment of the topcoat can increase the duration of the coating and color-life of the stain, making refinish work less frequent. When topcoat shows wear and weathering clean the surface using soap and water, lightly sand any areas showing excessive wear, if necessary, remove all dirt and debris from surfaces and apply one coat of the TWP Impregnating Stain (if necessary) and one coat of TWP Natural Effect Finish.

Developing a regular maintenance schedule of cleaning and applying TWP Natural Effect will dramatically increase service life of the entire system.

Mold or mildew growth may occur if the surface is not properly prepared before staining or is not properly maintained after application. Organic matter left to decay on a surface, or areas that are consistently damp may support bacteria growth regardless of the stain or paint applied.

Because horizontal surfaces are subjected to harsher conditions (foot traffic, standing water, furniture, spills, pollen, etc.) than vertical surfaces (spindles, posts, siding, etc.), color retention may differ, and more frequent color maintenance coats may be necessary.



## **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 dealer or sales representative, or visit <https://www.usetwp.com/dealer-resources/>.