



# PRODUCT DATA SHEET

## TWP Impregnating Stains

DESCRIPTION		
TWP Impregnating Stain is the first step in a two-part waterborne system designed to wick deep into the pores of wood to protect against mold and fungus, while providing a beautiful aesthetic color. TWP Impregnating Stain highlights existing grain patterns with amazing clarity and warmth. TWP Impregnating Stain colors contain special UV absorbing pigments which inhibit unsightly graying caused by the sun. Colors may be intermixed to create new shades. TWP Natural Effect topcoat must be applied over the TWP Impregnating Stain.		
PRODUCT NUMBER/COLOR	TYPICAL COATING PROPERTIES	SPECIFICATIONS&INFORMATION
TWP-9011 Teak TWP-9013 Walnut TWP-9021 Mahogany TWP-9052 Dark Walnut TWP-9054 Ebony TWP-9066 Chestnut	<p><b>All Values based on TWP-9011 Teak</b></p> <p><b>Viscosity:</b> 20 seconds #2 Zahn  <b>Weight Solids:</b> 24.4%  <b>Volume Solids:</b> 9.38%  <b>Weight/Gallon:</b> 8.6 lbs./gal  <b>Coverage:</b> 100-120 sq. ft. per gallon depending on wood porosity.</p> <p><b>VOC Material 0.34 lb. / Gal or 40.60 g/l</b>  <b>Coating 2.08 lb. / Gal or 249.65 g/l</b>  <b>Ratio 0.30 lb. VOC/ lb. Solids</b></p> <p><b>This product is HAPs free</b></p> <p><b>* Dry Time:</b>            Air Dry: 4 hours at 74°F.            Topcoat with TWP-1800</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> 12 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><b>DO NOT APPLY WHEN PRECIPITATION IS EXPECTED WITHIN 48 HOURS OF APPLICATION</b></p> <p>For exterior use only, not intended for use below-ground or in direct contact with soil. Do not apply to wood previously stained or sealed with any other product.</p> <p>TWP Impregnating Stain will not control termites or other wood destroying insects.</p> <p>Do not thin or mix anything with or into TWP Impregnating Stain.</p> <p>TWP Impregnating Stain colors may be intermixed for color adjustment.</p> <p>Do not apply TWP Impregnating Stain to non-absorbent wood, or wood that is wet from rainfall, dew, cleaning, or other moisture.</p> <p>Intermix all containers before application to ensure color uniformity.</p> <p>Always check color acceptance by applying a small amount to an inconspicuous area of the surface to be stained.</p>
PRODUCT ADVANTAGES		
<ul style="list-style-type: none"> <li>➤ Suitable for exotic and hard wood</li> <li>➤ Fast drying</li> <li>➤ Easy to apply by brush, roller, or spray.</li> <li>➤ Colors can be intermixed to create new colors.</li> <li>➤ Prevents natural graying of the wood substrate.</li> <li>➤ Provides protection against mold and fungus.</li> </ul>		

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# PRODUCT DATA SHEET TWP Impregnating Stain

## SURFACE PREPARATION

**New Wood:** Depending upon the species and selection, it is normal to allow up to 12 months of natural weathering before stain and topcoat application.

**Cedar and Redwood:** Allow 4 months of unprotected weathering.

**Exotic and Hardwood:** Hardwoods such as Mahogany, Oak and Ipe are very dense and will impede penetration of any stain. Allow 12 months of unprotected weathering.

**Pressure and Chemically Treated Wood:** Allow 12 months unprotected weathering.

After weathering, clean wood with Restore-A-Deck cleaner. After cleaning, thoroughly rinse with water and then lightly power wash to remove debris. Surface preparation should be followed by at least 48 hours of dry weather before the application of TWP Impregnating Stain.

### Old Weathered Wood

Clean the surface first with Restore-A-Deck as described above. After cleaning, thoroughly rinse with water and then lightly power wash to remove debris. Surface preparation should be followed by at least 48 hours of dry weather before the application of TWP Impregnating Stain. If after cleaning it is determined that sanding is necessary, do so with a grit no finer than 80. After sanding, ensure the wood is clean and dry.

### Previously Coated Wood

Existing stains, sealers and paints must be removed through scrubbing, power wash cleaning, chemical stripping, or sanding. In some instances, the old coating can be removed by simply scrubbing or power washing. Safe Strip can also be used to strip oil-based semi-transparent stains and sealers. For solid color stains and paints, a paint stripper or sanding must be used. Clean the surface with Restore-A-Deck, rinse thoroughly with water and allow at least 48 hours of dry weather before the application of TWP Impregnating Stain. If sanding is necessary to remove the old finish, do so with a grit no finer than 80. After sanding, ensure the wood is clean and dry.

**Wood previously treated with TWP Natural Effect System need only be clean and dry for the application of a “maintenance coat” of either the stain or topcoat, stripping is not required.**

## APPLICATION INSTRUCTIONS

### MIX THOROUGHLY BEFORE AND DURING USE

Cover any areas nearby not being stained with plastic before application. Only apply to properly prepared, clean, dry, and absorbent bare wood. Apply using brush, roll, or spray. If the stain is sprayed, apply evenly with overlapping layers allowing time for the stain to absorb into the wood and let dry for a minimum of 4 hours under good drying conditions.

After Impregnating stain has dried properly, TWP Natural Effect Topcoat must be applied for final protection.

Application temperatures should be between 60° and 90° F. Do not apply if temperatures are expected to fall below 60° overnight.

**THINNING AND CLEANUP:** Do not thin, reduce, or make any additions to TWP Impregnating Stain. Use soap and water for equipment clean-up. Dried material on equipment can be removed with acetone.

Shelf Life: 12 months @ 77° F from date of manufacture in unopened original container and stored in a cool dry area. Always rotate stock.

Storage and Disposal: Store in dry place with temperatures above 60°F. Close container after each use. Dispose of any leftover product in accordance with Federal, State, and Local regulations.



### 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/>.