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› TWP Total Wood Preservative (TWP101-1G Cedar) User Manual

TWP TWP101-1G

TWP Total Wood Preservative (TWP101-1G Cedar) User Manual

Model: TWP101-1G | Brand: TWP

1. INTRODUCTION

The TWP 100 Series is an EPA-registered wood preservative designed to protect and enhance the natural beauty of wood. This product contains a unique combination of chemicals that penetrate deeply into wood, providing protection against the four primary causes of wood degradation: wood rot, water, sunlight, and mildew. It is formulated to highlight existing grain patterns with clarity and warmth, and it will not crack, peel, or blister, simplifying long-term maintenance.

This manual provides essential information for the safe and effective application of TWP Total Wood Preservative, ensuring optimal performance and longevity for your wood surfaces.

2. SAFETY INFORMATION

WARNING: Read all instructions and safety data sheets before use. Failure to follow warnings and instructions may result in serious injury or property damage.

- **Ventilation:** Use only in well-ventilated areas. If applying indoors, ensure adequate airflow.
- **Personal Protective Equipment (PPE):** Wear appropriate PPE, including chemical-resistant gloves, eye protection (safety goggles), and respiratory protection (NIOSH-approved respirator) if ventilation is inadequate or if spray applying.
- **Skin and Eye Contact:** Avoid contact with skin and eyes. In case of contact, flush immediately with plenty of water for at least 15 minutes and seek medical attention.
- **Ingestion:** Do not ingest. If swallowed, do not induce vomiting. Call a poison control center or doctor immediately.
- **Flammability:** Keep away from heat, sparks, open flames, and other ignition sources. Vapors may ignite.
- **Storage:** Store in a cool, dry, well-ventilated place, away from incompatible materials and direct sunlight. Keep container tightly closed when not in use.
- **Disposal:** Dispose of contents and container in accordance with local, regional, national, and international regulations.
- **VOC Compliance:** This product is not VOC compliant for certain regions, including California, Colorado, Connecticut, Rhode Island, Maine, Massachusetts, New Hampshire, Vermont, Delaware, District of Columbia, Maryland, New Jersey, New York, Northern VA, Pennsylvania, parts of Arizona, Ohio, Illinois, Indiana, and all of

Canada. Do not ship or use in these areas.

3. PRODUCT OVERVIEW

TWP Total Wood Preservative (Model TWP101-1G, Cedar tone) is a semi-transparent, deeply penetrating wood finish. It is specifically formulated to provide comprehensive protection for exterior wood surfaces.

Key Features:

- **EPA Registered:** Contains wood preservatives to inhibit fungal growth and wood rot.
- **Water Repellent:** Forms a barrier against moisture, preventing water damage.
- **UV Protection:** Shields wood from harmful ultraviolet rays, reducing graying and fading.
- **Mildew Resistant:** Helps prevent the growth of mildew on the wood surface.
- **Non-Peeling/Non-Cracking:** Designed to penetrate rather than form a surface film, ensuring easy maintenance without peeling or cracking.
- **Enhances Natural Beauty:** The Cedar tone enhances the wood's natural grain and warmth.



¿POR QUÉ SOLO TRATAR?...
¡ CUANDO SE PUEDE PRESERVAR !

Image: Water beading on a treated wooden surface, demonstrating the product's water repellency.



Image: An outdoor patio featuring wood tile flooring, treated with TWP preservative to enhance its appearance and durability.

4. SETUP AND SURFACE PREPARATION

Proper surface preparation is crucial for the optimal performance and longevity of TWP Total Wood Preservative. Ensure the wood surface is clean, dry, and free from any previous coatings that might hinder penetration.

Required Tools and Materials:

- TWP Total Wood Preservative (TWP101-1G Cedar)
- Stir stick
- Applicator (brush, roller, or pump sprayer)
- Drop cloths or plastic sheeting to protect surrounding areas
- Cleaning solution (wood cleaner/brightener, if necessary)
- Stiff bristle brush or pressure washer (for cleaning)
- Personal Protective Equipment (gloves, eye protection, respirator)

Surface Preparation Steps:

1. **Clean the Wood:** Remove all dirt, grime, mildew, and loose wood fibers. For heavily soiled or previously coated surfaces, use a suitable wood cleaner and brightener according to its instructions. Rinse thoroughly with water.
2. **Remove Old Finishes:** If the wood has a previous film-forming finish (paint, varnish, solid stain), it must be completely removed by stripping or sanding to allow the TWP preservative to penetrate properly.
3. **Allow to Dry:** Ensure the wood surface is completely dry before application. This typically takes 24-48 hours after

cleaning, depending on weather conditions and wood type. Moisture content should be below 15%.

4. **Protect Surroundings:** Cover any adjacent surfaces, plants, or landscaping with drop cloths or plastic sheeting to prevent accidental spills or overspray.

5. APPLICATION INSTRUCTIONS

Follow these steps carefully for effective application of TWP Total Wood Preservative.

1. **Stir Thoroughly:** Before and during application, stir the TWP Total Wood Preservative thoroughly to ensure all pigments and solids are evenly dispersed. Do not shake.
2. **Test Area:** Always apply to a small, inconspicuous area first to verify color and penetration before proceeding with the entire project.
3. **Apply Evenly:** Apply a liberal, even coat of the product to the wood surface using a brush, roller, or pump sprayer. Ensure complete saturation of the wood.
4. **Wet-on-Wet Application (for porous wood):** For very porous wood, a second coat may be applied immediately after the first coat, while the first coat is still wet. This "wet-on-wet" method allows for maximum penetration. Do not allow the first coat to dry before applying the second.
5. **Remove Excess:** After 20-30 minutes, or before the product begins to dry, back-brush or wipe off any excess material that has not penetrated the wood. Puddles or shiny spots indicate excess product, which can lead to an uneven finish or premature wear.
6. **Drying Time:** Allow the treated surface to dry completely. Drying time can vary based on temperature, humidity, and wood porosity, but typically ranges from 24-72 hours before light foot traffic. Full cure may take several days.
7. **Coverage:** One gallon typically covers approximately 250-400 square feet, depending on wood porosity and application method.



Image: A person applying TWP wood preservative to a wooden deck using a brush, ensuring even coverage.

6. MAINTENANCE

TWP Total Wood Preservative is designed for easy maintenance due to its non-cracking, non-peeling, and non-blistering properties. Regular cleaning and periodic reapplication will extend the life and beauty of your wood.

- **Regular Cleaning:** Clean the treated wood surface periodically with a mild detergent and water to remove dirt, dust, and light mildew. Rinse thoroughly.
- **Reapplication:** The frequency of reapplication depends on exposure to sunlight, weather conditions, and traffic. Typically, reapplication is needed every 2-5 years. Look for signs of fading, graying, or reduced water repellency as indicators for reapplication.
- **Preparation for Reapplication:** For reapplication, simply clean the surface thoroughly to remove any dirt or mildew. A light sanding may be beneficial for heavily weathered areas. Ensure the surface is dry before applying a new coat. No stripping is usually required unless a film has formed due to over-application.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Uneven Color / Shiny Spots	Over-application; excess product not wiped off.	Wipe off excess product with a rag before it dries. If dry, a light sanding and reapplication may be necessary.

Problem	Possible Cause	Solution
Poor Penetration / Flaking	Surface not properly cleaned; old finish not removed; wood too wet.	Ensure wood is clean, dry, and free of old finishes. Re-prepare surface if necessary.
Slow Drying Time	High humidity; low temperature; over-application.	Ensure good ventilation. Avoid applying in high humidity or cold temperatures. Wipe off any excess product.
Mildew Growth	Persistent moisture; inadequate cleaning before application.	Clean the affected area with a mildew cleaner. Ensure proper drainage around the wood.

8. SPECIFICATIONS

Product Name: TWP Total Wood Preservative

Model Number: TWP101-1G

Color: Cedar

Size: One Gallon (128 Fluid Ounces)

Finish Type: Semi-transparent

Surface Recommendation: Wood

Coating Description: A semi-transparent, deeply penetrating wood preservative that provides protection against wood rot, water, sunlight, and mildew without cracking, peeling, or blistering.

Coverage: Approximately 250-400 square feet per gallon (varies with wood porosity)

Item Dimensions (L x W x H): 6.5 x 6.5 x 7.48 inches

Item Weight: 7.7 pounds (3.5 Kilograms)

Manufacturer: TWP/Gemini

9. WARRANTY AND SUPPORT

Warranty Information:

Specific warranty details for TWP Total Wood Preservative are not provided in this manual. For information regarding product warranty, please refer to the product packaging or contact the manufacturer directly.

Customer Support:

For technical assistance, product inquiries, or support, please contact TWP/Gemini customer service. Contact information can typically be found on the product label or the manufacturer's official website.

You can also visit the official TWP Store for more information:[TWP Store on Amazon](#)