

PORTER®

P A I N T S

WOOD GUARDIAN™ Exterior Semi-Transparent Polyurethane Stain (formerly DURO TONE)

862

WOOD GUARDIAN Exterior Semi-Transparent Polyurethane Stain No. 862 is an excellent, exterior, oil modified polyurethane semitransparent stain. It is used for sealing, protecting and coloring rough-sawn or smooth new exterior wood, and for recoating well-weathered penetrating finishes. WOOD GUARDIAN Exterior Semi-Transparent Polyurethane Stain No. 862 is ideal for siding, trim, shingles, shakes, fences and decks. This durable, polyurethane stain strengthens the wood surface while it beautifies.

USED FOR

- Wood siding
- Wood trim
- Wood shakes
- Wood shingles
- Wood fencing
- Wood decks

FEATURES

- Oil modified polyurethane
- Penetrates, strengthens surface
- Good weather resistance
- Semi-Transparent; wood grain shows through
- Easy to apply
- Mildew resistant*

*This paint contains agents which inhibit the growth of mildew on the surface of this paint.

RECOMMENDED SYSTEMS

WOOD GUARDIAN Exterior Semi-Transparent Polyurethane Stain No. 862 is typically applied as a one or two coat system over new or previously stained wood surfaces.

LIMITATIONS

Do not apply in direct sunlight or when air or surface temperature is below 35°F or above 110°F. Do not apply in late afternoon if condensation or fog is likely to occur, nor when rain is expected within 12 hours. Surface temperature must be at least 5°F above dew point. For optimum application properties, bring material to 65-85°F (18-29°C) temperature range prior to application. Stir occasionally during application to maintain uniform color.

TECHNICAL DATA

Product Type:	Oil modified polyurethane
Bases/Colors:	862 Clear tint base
Sheen:	Low luster
Percent Solids:	
Weight:	36 ± 2%
Volume:	29 ± 2%
Weight/Gallon:	7.2 lb
Viscosity (Initial):	10 - 12 Seconds, #4 Ford Cup
Thinner:	Thinning is not required.
Clean-up:	Porter Paint Thinner No. 5132.
Recommended Spread Rate (Theoretical):	
Smooth Surfaces:	300 to 400 sq. ft./gal.
Rough Sawn:	150 to 300 sq. ft./gal.
Dry time (70°F @ 50% R.H.):	
To Touch:	6 hours
To Recoat:	12 hours
To Walk on:	24 hours minimum

(Expect longer dry times at lower temperatures and higher relative humidity.)

Flash Point: 104°F (40°C)

Flame Spread Rating: Class A (0-25)

(See Porter Technical Bulletin No. 9: Flame Spread Rating.)

Federal Specification Crossover: None

(See Porter Technical Bulletin No. 6: Federal Specification Performance Crossover.)

Note: This product is not formulated with lead or mercury containing materials.

REGULATORY DATA**VOC (theoretical):**

As supplied (untinted): 4.57 lb/gal (548 g/l)

SURFACE PREPARATION

Paint only clean, dry surfaces. Remove dirt, oils, grease, wax, sanding dust, paint remover, etc. with Soilax and water, Porter Paint Thinner No. 5132 or other appropriate cleaners, or by vacuuming as necessary. Remove mildew by washing with a commercial mildew remover such as X-14 Mildew Remover or a mix of 1 part chlorine bleach to 3 parts clean water (rinse thoroughly after 15 minutes). **NEW WOOD:** Repair construction defects, sand as necessary. Fill openings and nail holes with a suitable filler. **RESTAIN:** Test application in a clean, protected area such as under the eaves to see that the stain penetrates well and dries to a low luster within 24 hours. If so, continue (if the material does not penetrate to a low luster sheen, do not continue—wood has not weathered enough in the test areas). Clean surfaces as outlined above. Fill holes and gouges in wood with wood patch. Sand patched areas smooth as necessary. (NOTE: For best appearance, always prime bare areas back to equal absorbency condition of the old, surrounding surface, particularly when only one coat of WOOD GUARDIAN Exterior Semi-Transparent Polyurethane Stain No. 862 will be applied. Use WOOD GUARDIAN Exterior Semi-Transparent Polyurethane Stain No. 862 thinned as necessary.)

INSTRUCTIONS FOR USE

Tinting: Tint with Porter DESIGN SPECTRUM® Colorants per label directions up to 12 ounces per gallon. (NOTE: See the current exterior semi-transparent stain chart for formulas, or to approximate Porter Design Spectrum colors, use 1/4 of the DESIGN SPECTRUM formula, and add "VV" colorant as necessary for color depth.) Test tinted stain on a piece of scrap (new work) or in a little noticed location (restrain) before proceeding since the wood has a great effect on the color and effect of semi-transparent stains.

Mixing: Stir or shake thoroughly before application. Agitate occasionally to retain product (and color) uniformity during prolonged application periods.

Thinning: Thinning is not required.

Clean-up: Clean tools and spray equipment with Porter Paint Thinner No. 5132 immediately after use.

Application:

Conditions: Temperature Range:

35°F to 110°F (air, surface, paint) (Optimum paint temperature 65–85°F)

Dew Point:

Surface temperature must be at least 5°F above the dew point.

Relative Humidity:

Maximum 85%

Equipment: Brushes:

Use china bristle (preferred) or nylon/polyester brushes.

Rollers:

Use 3/8" to 1/2" polyester or lambswool roller covers.

Airless Spray*:

Minimum 28:1 Ratio Pump; .011"–.013" tip; 1800–2400 psi; 1/4" High Pressure material hose.

Conventional Spray*:

DeVilbiss MBC-510 gun; E tip; 704 Air Cap; 3/8" ID material hose; double regulated pressure tank with oil and moisture separator.

Directions*: New Work and Restain:

Apply one or two coats of WOOD GUARDIAN Exterior Semi-Transparent Polyurethane Stain No. 862, working the stain into the surface to get a uniform effect and full performance. **VERTICAL SIDING:** Begin at the top with several boards and apply continuously to the bottom (always keep a wet edge going—do not stop application in the middle of any board and return to it later or a darker overlap streak will result). **HORIZONTAL SIDING:** Begin at one end of several boards and keep a wet edge moving until a natural stop is reached (window, door, inside or outside corner, etc.). **DECKS:** Stain any railings, benches, etc. before doing the walking surfaces. Be careful not to drip or splatter onto surfaces below. Always start at one end of the boards, railings or posts and apply a uniform coat continuously to the other end. Do not stop in the middle of any piece of wood.

***NOTE: Avoid runs and sags. Best performance when spraying is achieved by spray and backbrush or backroll. Regardless of the application method, always work stain into the wood surface.**

PRECAUTIONS

Prior to using this product, the user is specifically directed to obtain and read the current Material Safety Data Sheet and Label for this product. If, after reading these documents, you do not understand them, do not use this product. KEEP OUT OF REACH OF CHILDREN.

SHIPPING

Freight Classification: PAINT OR PAINT RELATED MATERIAL

Packaging: 4 Gallons per carton

Shipping Weights: 7.3 lb/gal (30.4 lb/carton)



The technical data furnished is true and accurate to the best of our knowledge. However, no guarantee of accuracy is given or implied. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of products. Technical data are theoretical values and subject to change without prior notice.

Porter Paints 400 South 13th Street, Louisville, Kentucky 40203 1-800-332-6270
www.porterpaints.com. For Internet Ordering: www.getpaint.com

A PPG Brand 