



PRODUCT DATA SHEET

ZAR® WATER-BASED EXTERIOR CLEAR POLYURETHANE FINISHES

DESCRIPTION

ZAR Water-Based Exterior Polyurethane from UGL is a rich amber colored, environmentally safe, clear wood finish specially formulated to protect and beautify exterior wood surfaces exposed to direct sunlight. Containing ultraviolet radiation absorbers and antioxidants, ZAR is the ultimate in exterior protection. ZAR's full-bodied formula brushes on like a conventional polyurethane for maximum durability and beauty. Ideal for wooden marine surfaces (above waterline), exterior doors - including fiberglass and steel doors, natural wood siding, patio furniture, fences, gables and other wood surfaces exposed to direct sunlight and the harsh extremes of weather. Specially formulated for exposure to sunlight. **Do not use on decks or other areas subject to foot traffic.**

SURFACE PREP

New Wood: Sand smooth using a fine sandpaper, vacuum sanding dust. Do not use steel wool. Fill open-grained wood with a wood filler that does not contain stearates or waxes.

Old Clear Finishes in Good Condition: Remove grease, dirt and wax. Sand lightly in the direction of the grain to remove any gloss. Do not use steel wool. Vacuum sanding dust.

Old Finishes in Poor Condition, Lacquer, Shellac or Paint: Remove completely. If the old finish contains wax or stearates, regardless of condition, remove completely. Do not use steel wool.

Sand and vacuum sanding dust.

Primed Steel Doors and Fiberglass Doors: Do not sand. Wipe surface clean using a cloth soaked with paint thinner. Allow to dry thoroughly.

APPLICATION

Stir ZAR Satin Water-Based Exterior Polyurethane thoroughly before and during application. Stirring is not required for Gloss finish. Do not shake. Apply straight from the can; thinning is not required. Apply only when air and surface temperature is between 60°F - 90°F and the relative humidity is less than 50%. Use a foam brush or synthetic fiber brush. Do not use a roller. Flow ZAR on in the direction of the grain. Apply thin coats at a rate of 500-600 square feet per gallon. Too thick a coat may appear milky when dry. Do not over brush or trap air bubbles in the finish.

If wood is to be stained, apply a quality oil-based stain such as ZAR Wood Stain, or a water-based stain. If a stain other than ZAR Wood Stain is used, test ZAR Water-Based Exterior Polyurethane for a satisfactory finish in a small area prior to completing the entire job. Do not apply over paint.

Recommend, for maximum durability and wear, three (3) coats on wood and two (2) coats on steel and fiberglass. For substrates subjected to heavier wear, such as outdoor furniture, it is recommended you use four (4) coats.

Dries to touch in thirty (30) minutes. It can be recoated in two (2) to three

(3) hours. Subject to use after 24 hours.

Do not apply during damp or rainy periods. Drying time will be affected by temperature, humidity and film thickness. If while sanding, sandpaper gums or surface feels tacky, extend drying times. Follow all directions on label.

PRODUCT CHARACTERISTICS

Viscosity: 60 - 65 KU @ 77°F
 Weight Per Gallon: 8.35 + .2
 pH: 8.50 + .2
 Coverage: 500-600 square feet per gallon
 Volatile Organic Content: less than 275 g/L
 Non-Volatile by Weight: 30-32%
 Non-Volatile by Volume: 29-30%

AVAILABILITY

ZAR Water-Based Exterior Polyurethane is available in gloss, satin and semi-gloss sheens. ZAR Water-Based Exterior Polyurethane is available at your favorite paint store, home center, hardware store and lumberyard. ZAR Water-Based Exterior Polyurethane is available in pint, quart and gallon containers.

PRODUCT DATA
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United Gilsonite Laboratories:
 Corporate Headquarters
 1396 Jefferson Avenue
 Dunmore, PA 18509
 Tel: 1-800-272-3235
 www.ugl.com