



BUILDING TRUST



PRODUCT DATA SHEET

ZAR® Exterior Water Base Poly

ZAR® Water Base Poly Exterior HP

DESCRIPTION

ZAR® Exterior Water Base Poly is an exterior polyurethane finish ideal for wood surfaces exposed to direct sunlight and the harsh weather extremes.

USES

Perfect on:

- Wood
- Metal
- Fiberglass

CHARACTERISTICS / ADVANTAGES

Formulated exclusively to deliver superior performance on exterior wood surfaces, ZAR® Exterior Water Base Poly contains ultraviolet radiation absorbers and antioxidants. It is the ideal choice for surfaces that would benefit from a protective coating:

- Gables / Patio furniture / Steel & Fiberglass entry doors.

It dries to an amber tone. The full-bodied formulas brushes on like a conventional polyurethane for maximum durability and beauty.

CERTIFICATES AND TEST REPORTS

CSI Masterformat® 09 93 13 Exterior Polyurethanes

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October 2025, Version 01.01

021890100000000211

PRODUCT INFORMATION

Composition	Water Base				
Packaging	Size	PC/Case	Sheen	Order No.	Old Order No.
	1 quart	4	Gloss	832679	32612
	1 gallon	2	Gloss	832700	32613
	1 quart	4	Semi-Gloss	832703	34412
	1 gallon	2	Semi-Gloss	832705	34413
	1 quart	4	Satin	832701	32712
	1 gallon	2	Satin	832702	32713
	1 quart	4	Matte	832704	34912
	1 gallon	2	Matte	832706	34913
Appearance / Color	Available in 4 attractive sheens. Gloss 90+ @ 60° Semi-Gloss 70 ± 5 @ 60° Satin 45 ± 5 @ 60° Matte 20 ± 5 @ 60°				
Shelf life	3 years in the original, unopened container.				
Storage conditions	Store in a cool, dry place. Avoid exposure to temperatures exceeding 90° F (32° C). Keep away from heat sources, sparks, open flames, and electrical equipment. Keep from freezing.				
Density	8.5 ± 0.1 (S.G. 1.01)				
Wet Film Thickness	3 wet mils/coat				
pH-Value	8.5 + .2				
Solid content	32% ± 2 % Weight Solids				
Viscosity	60-65 KU @ 77°F (25°C)				



APPLICATION INFORMATION

Coverage	500-600 sq. ft. (45m ² -55.7 m ²) / gallon @ 1 mil		
Layer thickness	3 wet mils / coat		
Ambient air temperature	Apply only when the air and surface temperatures are between 60°F (15.5°C) and 90°F (32°C) and the relative humidity is less than 50%.		
Drying time	To Touch	To Recoat	Max. Use
	30 minutes	2 hours	24 hours

Note: Maximum cure and dry time will be prolonged when slightly humid and damp, cool conditions prevail.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Stained Steel Doors and Fiberglass Doors: Wood Stain must be thoroughly dry. Do not sand uncoated stained surface.

New Wood: Sand smooth using fine sandpaper, vacuum sanding dust. Do not use steel wool. To fill open-grained woods use ZAR® Wood Patch.

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 all sanding dust.



Old Clear Finishes in Poor Condition, Lacquer or Shellac: Remove completely. If the old finish contains wax, regardless of condition, remove it completely. Do not use steel wool. Sand and vacuum all sanding dust. If you scrape, sand, or remove old paint, you may release lead dust.

WARNING

LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

APPLICATION

Stirring is not required for Gloss. For Semi-Gloss, Satin, and Matte, stir thoroughly before and during application. Do not shake!

Apply straight from the can. Thinning is not required. Apply with a brush, synthetic applicator, or spray. Do not use a roller. Apply in the direction of the grain at a rate of 500-600 sq. ft. (46 m²- 55.7 m²) per gallon. Do not overbrush; let the poly self-level.

Note: When staining an exterior surface before top coating, use ZAR® Interior Oil Base Stain. Always test ZAR® Exterior Water Base Poly in an inconspicuous

area to ensure satisfactory results before completing the job. Apply three coats to exterior wooden surfaces. For steel and fiberglass doors, apply a minimum of two coats.

CAUTION

VAPOR HARMFUL. MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE, OR NAUSEA. CAUSES EYE, SKIN, NOSE, AND THROAT IRRITATION. Can be absorbed through skin. May cause reproductive hazards. Harmful if swallowed.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Keep away from heat and flame. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.

Use only with adequate ventilation. Do not breathe vapors. Ensure fresh air entry during application and drying. If you experience eye watering, headache, or dizziness, or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling.

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KEEP OUT OF REACH OF CHILDREN. KEEP FROM FREEZING.

FIRST AID

In case of eye contact, flush immediately with plenty of water for at least 15 minutes and call poison control center, hospital emergency room, or physician immediately; for skin, wash thoroughly with soap and water. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, call poison control center, hospital emergency room, or physician immediately. If swallowed, do not induce vomiting. Call poison control center, hospital emergency room, or physician immediately.

If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. – RAGS, STEEL WOOL, OR WASTE SOAKED WITH PRODUCT MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER USE, PLACE RAGS, STEEL WOOL, OR WASTE IN A SEALED, WATER-FILLED METAL CONTAINER

MAINTENANCE INSTRUCTIONS

CLEANING

Warm soapy water

Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.

MAINTENANCE

Exterior durability depends on the amount of exposure to the sun and weathering conditions. Inspect the finish yearly for signs of wear. If minimum deterioration has occurred and no visible damage is detected, clean the surface thoroughly, sand lightly with fine sandpaper and apply another coat.

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LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at www.zar.com or by calling SIKA's Technical Service Department at 1-800-272-3235, option 2. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

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