

## ZAR® Interior Water Base Poly Crystal Clear

## MANUFACTURER

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## PRODUCT DESCRIPTION

ZAR® Interior Water Base Poly Crystal Clear is a non-yellowing, water base, polyurethane specially formulated to protect and beautify cabinets, furniture, woodwork, and floors. It's self-leveling for a smooth finish and is ideal for use over light colored stains. This fast drying, low-odor formula resists most household cleaners and abrasions.

- Full body, high film build formula
- A durable floor finish
- Non-yellowing, dries crystal clear
- Complies with all current VOC requirements

## BASIC USES

This non-yellowing, environmentally safe, clear wood finish is specially formulated to protect and beautify cabinets, furniture, wall paneling, woodwork, and floors. Dries crystal clear, making it an ideal finish to use over light-colored or white stains. Exotic hardwood approved-Ideal for use on Teak, Brazilian Walnut, and other exotic wood species.

## LIMITATIONS

Do not apply over wood fillers or finishes containing wax or stearates. Do not use steel wool. Do not thin.

## TECHNICAL DATA

## COMPOSITION:

Water base

## SHEEN:

Gloss 90+ @ 60°  
Semi-Gloss 70±3 @ 60°  
Satin 45±3 @ 60°  
Matte 20±3 @ 60°

## % WEIGHT SOLIDS:

32-34%

## DENSITY (LBS./US GAL.):

8.6-8.7 (S.G. 1.03)

## VISCOSITY:

55-60 KU @77°F (25°C)

## pH:

8.5-9.0

## COLORS:

Transparent

## DRY TIME:

- To touch: 30 minutes
- To recoat: 2 hours
- Light use: 24 hours
- Moderate use: 3-5 days
- Maximum use: 1 week

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

## CLEAN UP:

Warm soapy water

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

## COVERAGE (SQ. FT./GAL.):

400-500 sq. ft. (37.1 m<sup>2</sup>-46 m<sup>2</sup>)/gal.  
@ 1 mil

**Note:** Actual coverage will vary depending upon application method, surface texture, and porosity.

## RECOMMENDED FILM THICKNESS/COAT:

3 mils wet

## SHELF LIFE:

5 Years unopened container

## FREEZE/THAW:

Keep from freezing

## CONTAINER SIZES:

One quart (946 mL) and one gallon (3,785 L) cans

## VOC

Does not exceed 275 g/L

## TINTING

N/A

## THINNING

Do not thin.

## SURFACE PREPARATION

**New Wood:** Sand smooth using fine sandpaper, vacuum sanding dust. Wipe using a tack cloth to remove any remnants of dust prior to application. **Do not use steel wool.** If open-grained woods are to be filled, use a filler that does not contain stearates or waxes such as 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. Wipe using a tack cloth to remove any remnants of dust prior to application.

If the old finish contains wax or stearates, regardless of condition, remove completely. Test ZAR® Interior Water Base Poly Crystal Clear in an inconspicuous area for compatibility.

## Old Clear Finishes in Poor Condition, Lacquer or Shellac:

Remove completely. **Do not use steel wool.** Sand and vacuum all sanding dust. Wipe using a tack cloth to remove any remnants of dust prior to application.

## WARNING

If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN.



## DRY TIME:

30 Minutes  
Recoat 2 Hours



## CLEAN-UP:

Soap and Water



## COVERAGE:

2-3 Coats  
3 Coats for Floors



## SPREAD RATE:

400-500 Sq.  
Ft./Gallon

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](http://www.epa.gov/lead).

**APPLICATION**

Apply when air and surface temperatures are between 60°F (15.5°C) and 90°F (32°C) and the relative humidity is less than 60%. Stirring not required for Gloss. For Semi-Gloss, Satin, and Matte stir thoroughly before and during application. **DO NOT THIN.** Do not shake! Use a clean synthetic fiber or foam brush, synthetic applicator pad, or spray. Do not apply with a roller as it will create bubbles. To ensure satisfactory results, always test ZAR® Interior Water Base Poly Crystal Clear in an inconspicuous area before completing the entire job. Apply thin coats at a rate of 400-500 sq. ft. (37.1 m<sup>2</sup>-46 m<sup>2</sup>) per gallon in the direction of the grain. Thick coats may appear milky when dry. Do not over brush or trap air bubbles in the finish.

ZAR® Interior Water Base Poly Crystal Clear dries to the touch in 30 minutes, and can be recoated after 2 hours. Drying time will be affected by temperature, humidity, and film thickness. If while sanding, sandpaper gums or surface feels tacky, extend drying time.

**Floor Application: A minimum of three coats is required.** Allow floors to dry 24 hours before subjecting to light foot traffic; 3-5 days before moderate (normal) traffic or moving furniture. To avoid marring floor, lift and place furniture.

One week is required before maximum hardness is achieved. Do not cover floors with rugs before one week has elapsed. If floor should become marred or scratched, sand lightly using fine sandpaper, vacuum all sanding dust, wipe with a cloth dampened with water and apply another coat.

**MAINTENANCE**

N/A

**CAUTION**

Keep away from heat and flame.

**Use only with adequate ventilation.** 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. Wash thoroughly after handling.

**KEEP OUT OF REACH OF CHILDREN. KEEP FROM FREEZING.**

**FIRST AID**

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 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.

For additional health and safety information please refer to the "Safety Data Sheet".

ZAR® is a registered trademark of United Gilsonite Laboratories (UGL).



<b>Interior Water Base Poly Crystal Clear</b>	<b>Gloss</b>	<b>Semi-Gloss</b>	<b>Satin</b>	<b>Matte</b>
1 QT. 4/Case .....	32412	34512	32512	34412
1 GAL. 2/Case .....	32413	34513	32513	34413

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