

PRODUCT DESCRIPTION

Z-Dry is an interior/exterior waterborne coating based on a 100% acrylic emulsion. It applies easily and provides a satin silver metallic finish resembling sandblasted metal. The reference sheet describes it as an economical, high-performance coating.

USES AND PROPERTIES

Recommended for interior and exterior use on compatible, properly prepared substrates. The reference sheet describes lasting energy efficiency and protection, resistance to moisture, light, UV and IR radiation, and high abrasion resistance. Interior use is recommended where control of indoor temperature is important.

SURFACE PREPARATION

Professional preparation must comply with the Canadian CGSB 85 standard cited in the source sheet. Surfaces must be dry, clean and free of dust, oil, rust, mortar splashes, salts and any substance that may impair adhesion, appearance or finish.

Sand sound existing coatings to promote adhesion. Remove dust by blowing or dusting. Clean dirt with a detergent or trisodium-phosphate-based alkaline cleaner. Use mineral spirits to remove oil, grease and tar without spreading stains. Wipe with clean, lint-free cloths and repeat as necessary.

PRIMERS

The reference sheet recommends a compatible primer for metal or wood, according to the substrate, to improve adhesion and durability. It specifies a grey waterborne primer for the system. No equivalent ZINOX primer code was supplied; confirm the primer system before application.

TECHNICAL DATA

Finish / colour

Satin metallic / silver

Gloss at 60°

10° (as stated)

Viscosity

95 ± 5 KU

VOC

216 g/L (1.8 lb/gal)

Density

1.05 ± 0.03

pH

8.5 to 9.5

Weight per gallon

11.30 ± 0.25 lb

Solids by weight

34 ± 2%

Solids by volume

30 ± 2%

Binder

100% acrylic emulsion

Thinner

Water

Solvents

Glycol ether

Recommended dry film

1 to 1.5 mils (25 to 37.5 µm) per coat

Required wet film

3.5 to 5.0 mils

STATED COVERAGE

Approximately 10 to 12 m²/L·mil or 400 to 482 ft²/gal·mil, using the units in the source sheet.

Application losses excluded. Coverage varies with method, texture and porosity. The reference to measurement on white must be validated for this silver product.

Z-Dry

Silver acrylic coating

Reflective finish - interior / exterior

APPLICATION

Mix thoroughly before use. Apply between 10 and 30 °C using a synthetic-bristle brush or airless sprayer. Remove excess paint from tools and clean immediately with warm, soapy water.

Coat count requires confirmation: application instructions state that one coat is generally sufficient on primed surfaces; technical data recommend two. Confirm the coat count and total film thickness.

THINNING AND EQUIPMENT

Ready to use without thinning. For spray application, thin by no more than 5% if necessary; the stated thinner is water.

Brush: high-quality synthetic bristles; touch-ups and spot priming only.

Airless: tip 313; minimum pressure 1,500 psi. Strain through cheesecloth before adding to the sprayer. Filter mesh: 60.

Roller: not recommended unless otherwise specified.

CONDITIONS AND LIMITATIONS

Temperature: 10 to 30 °C (50 to 86 °F; corrected conversion). Stated ideal humidity: 30%; maximum: 65% in the application data.

Avoid direct or intense sunlight and hot surfaces. The restrictions text gives an 85% humidity limit, whereas the table gives 65%. Confirm the applicable limit.

DRYING

Reference conditions: 20 °C and 50% relative humidity.

- Touch dry: 45 to 60 min at 20 °C; 30 to 45 min at 30 °C.
- Recoat: 2 to 3 h.
- Fully dry: 7 days at 23 °C.
- Handling: 30 min (as stated).

Times vary with temperature, humidity, texture and porosity. Confirm the stated handling time in relation to the touch-dry time.

STORAGE

Store in a ventilated, cool, dry place at 10 to 25 °C. Keep containers closed when not in use. Protect from freezing.

Shelf life: 1 year in unopened containers stored in a cool, dry place.

PRECAUTIONS AND DISPOSAL

At work stoppages, wash application equipment with water and blow it out. Thoroughly clean reusable containers.

Read the SDS and label before use. Consult your municipality for disposal or donate usable leftovers. Do not pour paint into drains. In Québec: www.eco-peinture.ca.

WARRANTY

Under any express or implied, contractual or statutory warranty, Zinox Coating Canada Ltd.'s liability is limited to replacement of goods found defective upon inspection. ZINOX is not responsible for warranties made by its agents, representatives or employees concerning the product.

DATA TO CONFIRM

Values are theoretical and may vary from the finished product. In addition to the flagged items, the stated density and weight per gallon do not agree for a U.S. gallon. This version retains the reference values without recalculating them.