

A-Z Mega Sealer

Water-Based Urethane Acrylic Sealer



DESCRIPTION • *A-Z Mega Sealer* is a water-based, low viscosity, high solids, single component, acrylic-urethane sealer. *A-Z Mega Sealer* is ultra-low VOC, has excellent flow properties, is very user friendly, and cures to a stain-resistant, non-yellowing, hard resilient film. *A-Z Mega Sealer* is supplied in clear or colored and cures to a silk-sheen finish.

USES • *A-Z Mega Sealer* is used as a clear coat for new and old stamped concrete surfaces and as a resurfacing for existing concrete and masonry surfaces, including previously sealed floors, decks, stairs, interlock, and exposed aggregate concrete. *A-Z Mega Sealer* is an ideal protective coating for masonry walls for protection against stains and moisture penetration. *A-Z Mega Sealer* is also an excellent replacement product for high VOC brush lacquers and varnishes. *A-Z Mega Sealer* may be applied to concrete, wood, plaster, and metals. Applications include wood furniture, concrete floors, storage tank exteriors, facades, and any surfaces requiring additional protection.

ADVANTAGES •

- ✓ Environmentally friendly - Low VOC. Meets Final SCAQMD Rule 113 (2008).
- ✓ Excellent abrasion resistance.
- ✓ High adhesion to concrete.
- ✓ Excellent resistance to stains and moisture repellency.
- ✓ Easy to use and apply.
- ✓ High UV resistance.
- ✓ Excellent leveling & flow; brush, roll or spray.
- ✓ Available colored, allowing the unification of the color finish for large areas where color discrepancy is present.

PHYSICAL PROPERTIES •

Volume Solids	21%
VOC	<100g/l
Pencil Hardness (ASTM D-3363)	2H-3H
Dry Tape Adhesion (ASTM D-3359)	5A-5B
Chemical Resistance	
Nitric Acid (2%)	Excellent
Sulfuric Acid (10%)	Excellent
Ethanol (50%)	Excellent
Vinegar	Excellent
Alkalai Sol. (pH 11.5)	Excellent

Stain Resistnace	Catsup, soft drinks, wine, house dressing, and commercial cleaners.
Coefficient of Friction (ASTM F609), Flat	0.642
Dry Time (21C, 50% RH)	30 min. to touch, 1 hr. recoat, 4 hrs. foot traffic, 24 hrs. heavy traffic, 48 hrs. full cure.
Film Thickness	25-50 microns
Thinning	Not required, use mild soap and tap water for cleaning.

LIMITATIONS • Do not apply to new concrete surfaces before they have been allowed to cure for a minimum of 28 days. Do not apply if ambient temperature is expected to drop below 3°C in the proceeding 24 hours. Apply between 10°C and 37°C above dew point. Do not apply if rain, dew, or water exposure is expected within 24 hours after application. Avoid application in direct sunlight and during high winds.

Do not apply on areas where negative hydrostatic pressure is possible. Apply in thin coats only; never apply heavily as the sealer may become slippery.. Not recommended for areas where high slip resistance is recommended, such as pool decks and sloped driveways subject to water. Care should be taken when applying to dense surfaces or exterior un-textured surfaces subject to water exposure to apply a non-slip coating or add a non-slip additive to the sealer before application. Check compatibility with coating on previously treated surfaces. Clear *A-Z Mega Sealer* enhances the color of treaded surfaces, and will therefore slightly alter the natural appearance of treated surfaces. Not intended as a waterproofing membrane.

COVERAGE • Must be applied full strength, never dilute. Coverage rates depend on porosity and texture of the surface, method of application, and other surface and job conditions. Minimum two coats are recommended. Dominant rates of coverage are 10-15 m²/GL for the first coat and 15-20 m²/GL for the second coat.

SURFACE PREPARATION • **Concrete:** All surfaces must be clean, free of grease, oil, dirt, wax, and other foreign matter. Cleaning agents may be used provided they are thoroughly rinsed from all surfaces before application and are used in

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accordance with the manufacturer's recommendations. In some cases, scraping and wire brushing of previously applied coatings, followed by sanding and/or power washing may be necessary. Allow surface to dry for at least 24 hours. Do not use soap or detergent for cleaning; residue may prevent the sealer from bonding to the surface.

Metals: All visible oil, grease, sludge, and all other contaminants shall be removed prior to any abrasive surface preparation.

Wood: Surface must be completely dry and free from any contaminants, mildew, and organic matter.

Existing Coatings: Wash off any dirt, oil, grease, and any other deleterious matter. Spot prime surfaces prior to full application coat.

APPLICATION • DO NOT THIN, apply full strength. Avoid application in direct sunlight, or during strong wind. On hot days, apply early in the day when temperatures are lower, and when the concrete surface is in the shade. For best results, apply material when surface temperature will remain between 10°C and 25°C for 8 hours after application. Apply between 10°C and 37°C above dew point. Mask or protect surrounding areas from spills and contact with product or equipment. Rope off working area, close to traffic, and remove surrounding vehicles.

After thorough preparation of the surface, *A-Z Mega Sealer* can be applied by brush, roller or spray.

Brush: Use top quality nylon bristle brush for best film properties. **Roller:** Lambs wool or similar cover with phenolic core, ¼ - ½ inch nap thickness. **Spray:** Commercial conventional air spray equipment utilizing spray gun tip size between 0.013" and 0.015". Adjust pressure for proper atomization.

Do not allow foot traffic for 24 hours after final application. Area may be opened to heavy foot traffic only after a minimum of 72 hours.

MAINTENANCE • Treated surfaces should be inspected periodically for thin or traffic-worn areas. Vertical surfaces may be inspected by applying water to the surface; if beading does not occur, recoating maybe necessary. Reapply sealer as necessary.

CLEANING • Tools and equipment must be cleaned with an organic solvent.

STORAGE & SHELF LIFE • Product should be stored at 25°C in dry conditions away from direct sun light, freezing conditions or moisture. Shelf life is approximately 12 months from date of purchase in original unopened container under specified storage conditions. You missed something

SAFETY PRECAUTIONS • KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY – harmful or fatal if swallowed. Do not breath vapor or mist. May affect the brain and nervous system, causing dizziness or nausea. Causes nose and throat irritation. Use in a well ventilated area. Use a properly fitted organic vapor respirator (NIOSH TC-84A approved). Use goggles, protective clothing and vinyl gloves when handling. Keep away from sources of heat or ignition. FIRST AID: Eyes – Do not rub eyes, immediately flush with plenty of fresh water while holding eyelids apart. Skin – Wash with soap and water. Inhalation – Leave the area if experience difficulty breathing. Ingestion – Immediately give large amounts of water and induce vomiting; seek immediate medical attention.

PACKAGING • 5 gallon (20 liter) pail and 55 gallon (200 liter) drum.

Creative Concrete Concepts

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