

A-Z Mega Sealer

Water-Based 1K PU 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 clear, stain-resistant, non-yellowing, hard resilient film. *A-Z Mega Sealer* cures to a sheen (low gloss) finish.

USES • *A-Z Mega Sealer* is used as a clear protective and water-repellent coat for a variety of surfaces such as concrete and masonry surfaces, including stamped concrete, colored concrete, concrete tiles, and exposed aggregate concrete, in addition to terrazzo (resinous and cementitious), plasters and cementitious toppings. *A-Z Mega Sealer* enhances the color of decorative concrete and brings out the antiquing effect in stamped concrete and overlays, while at the same time preserving the color by protecting the surface against staining from liquids, oils, and food spills. *A-Z Mega Sealer* is an ideal protective coating for masonry walls for protection against stains and moisture penetration. *A-Z Mega Sealer* is appropriate for interior as well as exterior applications. For added slip resistance on untextured surface, *A-Z GripCrete* may be added to the sealer just prior to application; please refer to the relevant CCC data sheet for further information.

ADVANTAGES

- ✓ Environmentally friendly - Low VOC. Meets Final SCAQMD Rule 113 (2008).
- ✓ Topical sealer - forms a highly protective film.
- ✓ Excellent abrasion resistance.
- ✓ High chemical protection against stains caused by oil and food spills.
- ✓ High adhesion to concrete.
- ✓ Single component - easy to use and apply.
- ✓ High UV resistance.
- ✓ Excellent leveling & flow; brush, roll or spray.
- ✓ Available tinted.

PHYSICAL PROPERTIES

Volume Solids	21%
VOC (USEPA 24)	4.3 g/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 Alkali Sol. (pH 11.5)	Excellent Excellent
Stain Resistance	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 5°C in the proceeding 24 hours. Apply between 10°C and 40°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. Check compatibility with coating on previously treated surfaces. Clear *A-Z Mega Sealer* enhances the color of treated surfaces and will therefore slightly alter the natural appearance of treated surfaces. Not intended as a waterproofing membrane.

COVERAGE • Must be applied full strength for maximum stain protection. 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 80 - 100 sqm per 20-liter pail per coat.

SURFACE PREPARATION • All surfaces must be clean, free of grease, oil, dirt, wax, and other foreign matter that may inhibit penetration of the sealer. Cleaning agents may be used provided they are thoroughly rinsed from all surfaces before application of the sealer. Do not use soap or detergent for cleaning; residue may prevent the sealer from

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bonding to the surface. When applying on an existing sealer coat, check compatibility with the old sealer; for better adhesion it is recommended that the existing sealer is sanded or stripped off. In renovation jobs, old stained sealer coats must be stripped off and removed completely before applying fresh coat.

APPLICATION • Avoid application in direct sunlight, or during strong wind. On hot days, apply early in the morning when temperatures are lower or late at night. 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, sprayer or roller. Use a short-hair nap roller for smooth surfaces, and a 9 - 12 mm nap roller for textured surfaces such as stamped and exposed aggregate concrete. A plastic hand-pump sprayer may also be used. Two applications of undiluted sealer coats are a must for flooring applications. Always apply in thin coats and maintain a wet edge. Allow 24-48 hours drying time between coats.

Do not allow foot traffic for 24 hours after final application. Area may be opened to heavy foot traffic 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 clean water.

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. Use goggles, protective clothing and vinyl gloves when handling. FIRST AID: Eyes – Do not rub eyes, immediately flush with plenty of fresh water while holding eyelids apart. Skin – Wash with soap and water. Ingestion – Immediately give large amounts of water and induce vomiting; seek immediate medical attention.

PACKAGING • 20-liter pail.
