



Multi-Deck Protect™

Siloxane-Modified Methyl Methacrylate Sealer

High Gloss · 25% Solids · < 350 g/L VOC

Technical Data Sheet

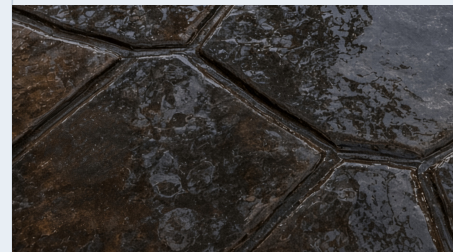
www.whodomagic.com



1-Gallon & 5-Gallon packaging



Salt-resistant pool decks



High-gloss stamped and textured concrete

Multi-Deck Protect is a non-yellowing, high-gloss, siloxane-modified methyl methacrylate sealer engineered for excellent adhesion to properly prepared concrete. Its reactive chemistry gives better resistance to de-icing road salts, saltwater pool systems, rain, sleet, and snow than standard exterior sealers. Use it as a decorative finish sealer or as a cure & seal on new concrete.

SPECIFICATIONS / COMPLIANCE

- Meets ASTM C-1315, Type 1, Class A & B
- Dried coating is USDA accepted
- Meets OTC, CARB & LADCO VOC limits
- 1-gallon and 5-gallon packaging

KEY BENEFITS

- ★ Cuts water and salt damage from de-icers and saltwater pools.
- ★ Excellent penetration and adhesion to clean new or old concrete.
- ★ Non-yellowing, tough siloxane methyl methacrylate film.
- ★ Reseal over certain solvent-based acrylics (test first).
- ★ High-gloss decorative sealer and cure & seal option.
- ★ VOC-compliant for most U.S. and Canadian areas.

RECOMMENDED APPLICATIONS

Effective on surfaces such as...

- CONCRETE POOL DECKS
- STAMPED & STENCILED
- ACID-STAINED CONCRETE
- OVERLAYS / MICROToppings
- EXPOSED AGGREGATE
- TROWEL & BROOM FINISH



LOW VOC

< 350 g/L · 25% Solids

Salt resistant · Non-yellowing · High gloss
1-Gallon & 5-Gallon packaging

Typical Properties & Technical Information

PROPERTY	VALUE
Solids / Active Content, Percentage by weight	25% ± 1%
Dry Time — Tack Free	30 minutes – 1 hour
Dry Time — Foot Traffic	4 – 6 hours
Dry Time — Heavy Traffic	24 – 48 hours
Re- Coat Time Window	4 – 24 hours
Application Temperature	50°F – 80°F
VOC (Volatile Organic Compound) Content	Less than 350 grams/Liter
Appearance — Wet	Clear
Appearance — Dry	Clear, high gloss



PRODUCT DESCRIPTION

Multi-Deck Protect is a non-yellowing, high-gloss, siloxane-modified methyl methacrylate sealer engineered for excellent adhesion to properly prepared concrete. Its reactive formulation provides superior resistance to de-icing road salts, saltwater pool systems, rain, sleet, and snow compared with standard exterior sealers. It may be used as a decorative finish sealer or applied damp (not wet) to freshly placed concrete as a cure & seal once the surface is finished and shows no sheen from bleed water.

BENEFITS & FEATURES

- Minimizes water and salt damage from de-icers and saltwater pool systems
- Excellent penetration and adhesion to clean, unsealed new or old concrete
- Non-yellowing, tough siloxane methyl methacrylate high-gloss film
- Can be applied as a reseat over certain solvent-based acrylic sealers (test first)
- Decorative sealer and cure & seal for newly placed concrete
- VOC-compliant formula for most areas of the United States and Canada

RECOMMENDED APPLICATIONS

Concrete pool decks • Stamped and stenciled concrete • Acid-stained concrete • Overlaid / micro-topped concrete • Exposed aggregate • Smooth trowel and broom-finish concrete • Most new or existing concrete where water and salt-damage resistance is required.

TECHNICAL INFORMATION

Property	Value
Solids / Active Content (% by weight)	25% ± 1%
Appearance (Wet)	Clear
Appearance (Dry)	Clear, high gloss
VOC Content	Less than 350 g/L
Application Temperature	50°F – 80°F
Dry Time — Tack Free	30 minutes – 1 hour
Dry Time — Foot Traffic	4 – 6 hours
Dry Time — Heavy / Wheel Traffic	24 – 48 hours
Re-Coat Window	4 – 24 hours

* Based on lab temperatures of 70°F–72°F at 50% RH. Conditions outside these parameters will alter results. Always test prior to use.

APPROXIMATE COVERAGE RATES

Application Surface	First Coat	Optional 2nd Coat
All Recommended Surfaces	200 – 300 sq ft/gal	300 – 400 sq ft/gal

Coverage varies with surface porosity, texture, application method, and prior sealer application. Avoid excessive build-up. Do not exceed 400 sq ft per gallon.

PACKAGING & SHELF LIFE

Packaging: 1-gallon and 5-gallon containers.

Shelf Life: Up to 1 year in original, unopened container stored at room temperature.

SPECIFICATIONS / COMPLIANCES

ASTM C-1315, Type 1, Class A & B
Dried coating is USDA accepted
OTC, CARB & LADCO VOC limits
Professional use only



INSTRUCTIONS FOR USE

Surface Preparation

The concrete surface must be clean and free of all contaminants and standing water. Do not apply if rain is forecast within 24 hours. If moisture is present or the surface is not clean, the sealer may develop white spots and can prematurely delaminate or fail. For cure & seal applications, Multi-Deck Protect may be applied when damp (not "wet") to freshly placed concrete. Horizontal surfaces must be finished and show no sheen from bleed water.

Substrate and air temperature must be no less than 40°F and must not exceed 80°F. Application outside these limits can prevent adequate film formation and may cause air entrapment, bubbles, blushing, or hazing. In direct sunlight, substrate temperature can exceed 150°F and cause extreme bubbling. Low-VOC solvent sealers dry faster than traditional 700-VOC sealers — apply on cool, overcast days when possible. Do not apply if the temperature is expected to reach 85°F or higher.

Mixing

Stir well before using. Material may separate during long-term storage. DO NOT THIN. Improper thinning can cause early delamination.

Application

Apply with a 3/8" long-nap roller using long, even, uniform strokes at approximately 200–400 sq ft per gallon depending on porosity and texture. An airless sprayer with a .519 tip may also be used. Do not allow the product to puddle. Thick or puddled areas can trap solvent and moisture and produce milky white spots. Applying too thin can cause premature delamination, flaking, or wear. When using as a cure & seal, apply only one coat. Over-application can cause extreme bubbling or hazing from lack of permeability.

Allow sealer to dry 24 hours before light / foot traffic and at least 48 hours before heavy / wheel traffic. If applying two coats, wait approximately 4–6 hours between coats. Always test in a small, inconspicuous area on the same substrate before full application. DO NOT USE ON BRICK.

For personal protection use gloves, goggles, and a respirator as needed. Provide ventilation indoors.

CLEAN-UP & PRODUCT REMOVAL

Clean-Up: Use xylene. Dispose of containers in accordance with local, state, and federal regulations.

Product Removal: Dried, cured sealer may be removed with a commercial paint stripper such as Magic Stripper, or by diamond grinding, sandblasting, or similar mechanical action.

PRECAUTIONS AND LIMITATIONS

- This product will not freeze during storage; allow temperature to reach 50°F prior to application.
- Block HVAC ventilation ducts before application so solvent fumes are not distributed.
- If used indoors, provide proper ventilation during application and for several hours afterward.
- Do not apply over carpet, tile, or other types of floor adhesives.
- Performs best when applied as one or two medium-light coats, not one heavy coat.
- The cured film may be slippery when wet. An anti-slip additive can be added to reduce slip hazards.
- Not resistant to brake fluid, gasoline, and many similar products.
- Never thin or dilute this product. Improper thinning can cause early delamination.
- May darken the surface of new and existing concrete. Test prior to use.
- Solvent vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by pilot lights, flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources distant from the handling point.

SPECIAL NOTES

Always refer to the Safety Data Sheet (SDS), read this Technical Data Sheet in full, and review Warranty Information prior to use.

For professional use. Always test prior to full application.