



STAIN SEAL 500

Revised May 2017

TECHNICAL DATA SHEET

LATEX-ACRYLIC STAIN, SEALER, & PAINT

DESCRIPTION

Marbelite Stain Seal 500 is a premium quality, water-reducible latex acrylic color seal coating designed for both coloring and sealing Marbelite Spray or Hand-Troweled Systems. Stain Seal 500 has the durability of oil based paints with the ease, safety and clean up of water based paints. Old, stained, dirty surfaces are easily transformed into new attractive areas with the use of Stain Seal 500. Florida formulated to be resistant to ultraviolet rays, pool chemicals, oil and grease, driving rains and hydrostatic pressures. Available in four tint bases with endless color options.

RECOMMENDED APPLICATIONS

Stain Seal 500 is designed for use over Marbelite textured surfaces, driveways, patios, pool decks, concrete, commercial or residential walkways, over any properly prepared concrete surface, drywall, stucco surfaces, interior and exterior concrete walls, and may other uses. All surfaces must be properly prepared before application.

BENEFITS/FEATURES

- ▶ Stain Seal 500 is UV stable and non-yellowing.
- ▶ Exhibits excellent exterior durability.
- ▶ Resistant to pool chemicals, oil and grease, and wind driven rain, (when fully cured).
- ▶ It is also resistant to hot tire stains when used over the Marbelite textured polymer cement system.
- ▶ Dries to an attractive semi-gloss sheen.

TECHNICAL INFORMATION

Appearance.....	Depends on color	Chemical Resistance.....	Very good
Odor.....	Slight	Water Resistance.....	Excellent
Solids / Volume.....	22% - 27% (on color)	Bonding.....	Very good
Solids / Weight.....	36% - 54% (on color)	Scrub Test (1000 rev.).....	Pass
VOC Content.....	115 gms./ liter	Hardness.....	H - 2H
Light Stability.....	Very good to excellent	Accelerated Weathering (1000 hrs.).....	No effect
Durability.....	Excellent	Clean up.....	Soap and water
Abrasion resistance.....	Very good to excellent	Diluent.....	Water
Gasoline Resistance.....	Fair		

APPROXIMATE COVERAGE RATES

Stain Seal 500 will cover 200 - 250 sq. ft. / gal. depending on porosity and texture of substrate.

SHELF LIFE

Stain Seal 500 has a shelf life of one year from manufacture date in its original, sealed, unopened container.

PACKAGING

Stain Seal 500 is available in 1 gallon and 5 gallon pails.

INSTRUCTIONS FOR USE

SURFACE PREPARATION:

NEW OR UNPAINTED CONCRETE— Make sure concrete has cured for 28 days and is sound and not crumbling. Dirt, oil, grease, mold and mildew, and any other contaminants must be removed with strong detergent, TSP, or degreasers and pressure wash thoroughly. The surface and pores of the concrete must be clean to insure the paint has a good penetrating bond. Stubborn mold or mildew may be removed with bleach and rinsed thoroughly. It is strongly recommended that all rinses be done using a 3000 - 4000 psi pressure washer to completely remove all residues of cleaning solutions. Slick or smoothly troweled surfaces must be etched with 10% muriatic acid solution until the pores of concrete are opened and a sandpaper-like finish is given to the surface. Pressure wash to remove all traces of the acid. Be certain there are no silicone type sealers on the surface as this will prohibit bonding of the material.

OVER OLD PAINT— **Stain Seal 500** may be applied over most paints if they are bonded firmly to the substrate. Make sure the surface is free of all contaminants. Follow the instructions for new concrete. Stain Seal may not satisfactorily adhere to epoxies, polyurethanes, and silicate sealers. If uncertain, apply a test patch of **Stain Seal 500** and check adhesion using duct tape after 2-3 days cure time. Pull tape up rapidly. If any of the test material pulls away with the tape, there is an adhesion problem and **Stain Seal 500** should not be used.

APPLICATION:

Apply **Stain Seal 500** with roller, brush, or airless sprayer. Two topcoats are recommended. The first coat may be thinned with water for best penetration (1 pint / gal). The final coat is applied full strength using the cross-roll method. Allow 30 min.- 4 hrs. (depending on humidity, temperature, and air flow) between coats.

CLEAN UP

Clean up spills with soap and water while product is still wet.

PRODUCT REMOVAL

Remove cured **Stain Seal 500** with a paint remover or diamond grind surface.

PRECAUTIONS AND LIMITATIONS

- ▶ Apply **Stain Seal 500** only when ambient temperature is above 50° F.
- ▶ Do not apply **Stain Seal 500** when surface or ambient temperature is above 90° F. as lap marking may occur.
- ▶ Do not apply **Stain Seal 500** to wet or damp substrate.
- ▶ Do not apply when it may rain within 12 hours or there is a chance of heavy dew forming before the coating dries.
- ▶ Allow for slow drying in high humidity conditions.
- ▶ Do not allow **Stain Seal 500** to freeze. Store product above 32° F.
- ▶ Do not apply **Stain Seal 500** to surfaces having a pH reading of 10 or above.
- ▶ DO NOT APPLY OVER STAMPED CONCRETE. The stamping process uses silicones that will prevent adhesion.
- ▶ DO NOT TAKE INTERNALLY. CLOSE CONTAINER AFTER USE. KEEP OUT OF THE REACH OF CHILDREN.
- ▶ Note: Take precautions when applying to surfaces that may get wet and become slippery to foot traffic. This is a semi-glossy product and it may get slick when wet. If the surface has not already been treated for this condition, Marbelite SlipGrip may be added to reduce this condition.

SPECIAL NOTES

Please consult Material Safety Data Sheet (MSDS) and read Warranty information prior to use. This information can be requested by contacting customer service at 941-378-0860.

LIMITATION OF LIABILITY

Marbelite International Corp, "Seller" warrants that if any goods supplied prove to be defective in workmanship or material, that Seller shall replace them or refund their purchase price. This warranty is made in lieu of any and all other warranties expressed or implied. Before application, the User shall determine the suitability of the product for its intended use and User assumes all risks and liabilities whatsoever in connection therewith. Under no circumstances shall the Seller be liable for incidental, consequential, or other damages for alleged negligence, breach of warranty, or strict liability arising out of use or handling of this product. The sole liability of Seller for any claim arising out of the use or sale of defective product shall be for the User's purchase price.

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