



Sealon Product Data

Clear Acrylic Sealer / Finish

Description

SealOn Sealer / Finish is an acrylic resin solution which dries to form a clear non-yellowing, protective coating. SealOn protects against moisture, staining, dirt, and heavy foot traffic. Its resistance to ultra-violet light exposure makes it the ideal finish for both interior and exterior surfaces. SealOn offers excellent adhesion to various hard surfaces such as marble, cement, terrazzo, slate, brick, quarry tile, new or worn stone flooring.

Advantages

- Color enhancer
- Enhanced chemical resistance.
- Excellent UV resistance.
- Helps prevent potential staining of terrazzo surfaces
- Suitable for a variety of hard flooring systems
- Low maintenance
- Resistance to abrasion and scuffing
- Typical Uses
- As a sealer for newly installed Morricite epoxy terrazzo flooring systems.
- As a sealer for new cement terrazzo or existing epoxy, polyacrylate or terrazzo.
- Ramps and walkways.

Surface Preparation

When applied as a sealer over new terrazzo flooring systems, the surface to be coated shall be fully cured, clean and free of all contaminants detrimental to proper bonding. For best results when applied over existing substrates for the first time, all existing sealers and waxes should be stripped. Floor must be clean, and dry.

Application

SealOn acrylic sealer must be applied at 50° F (10° C) or above and 50% relative humidity, low temperatures or high humidity may significantly increase cure time. Apply thin coats of SealOn by roller, brush or applicator pad. Spread at a thin uniform coat between one to two mils wet film thickness (800 to 1000 sq. ft. per gallon). Avoid puddling. A minimum of two coats are recommended. The floor should be protected from light foot traffic for 24 hours after application. Full cure is 48 hours.

Typical Physical Properties

Abrasion Resistance (ASTM D 4060)	12 mg
VOC Content	6.48 lb/gal 771 g/l
Recoat	2 to 4 hours
Light Traffic	24 hours
Slip Resistance	0.80 COF



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Chemical Resistance

10% Sodium Hydroxide	No Effect
10% Potassium Hydroxide	No Effect
10% Hydrochloric Acid	No Effect
10% Sulfuric Acid	No Effect
Lubricating Oil	No Effect
Cooking Oil, Butter & Margarine	No Effect

Stain Resistance

Tea, Coffee, Milk, Cocoa	No Effect
Cola	No Effect
Rubber Heels	No Effect
Lipstick	No Effect
Wax Crayon	No Effect

Accepted Industry Standards for Slip Resistance

As adopted by Underwriters Laboratory (UL) and the American Society of Testing and Materials (ASTM), .50 COF or above has been traditionally recognized as providing nonhazardous walkway surfaces. Americans with Disability Act and The Architectural and Transportation Barriers Compliance Board (ATBCB) recommends 0.60 COF or above for walkways and 0.80 COF for ramps.

Maintenance

Regular maintenance is recommended to remove surface dirt and prolong the life of the floor. The frequency of maintenance depends on the volume and type of traffic. As floors become soiled, they should be mopped using a commercial detergent and warm water. More difficult stains can be directly treated with a commercial stain remover and a soft bristle brush.

- Allow cleaner to do its job (leave cleaner on floor as recommended to lift dirt prior to scrubbing).
- Scrub to further loosen dirt.
- Remove soiled water and detergent.
- Rinse thoroughly with clean water.
- Always follow the detergent manufacturer's recommendations and always test a small area when using a new product.
- Most commercial floor finishes may be used with SealOn. Please consult manufacturer of the floor finish for their maintenance information.



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Stripping SealOn

Due to its penetrating ability and durability, SealOn is more difficult to strip than typical water based sealers. An aggressive “mop on – mop off” or “no rinse” alkaline stripper is required to strip SealOn. Apply stripper according to manufacturer’s recommendations. Repeated applications may be required. Rotary scrubbing with a red floor pad may be required to assist removal. Take care not to damage surface of terrazzo.

Safety

- For industrial and professional use ONLY.
- For detailed safety guidelines, please refer to the product Material Safety Data Sheet (MSDS).
- Product is FLAMMABLE, keep clear of possible ignition sources.
- Ensure adequate ventilation during application.
- Proper clothing and respirators may be required to meet OSHA standards.

Warranty Information

Values stated herein are typical values based on periodic testing and product experience. MTT DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Where customer demonstrates non-conformance of product to typical values stated herein, MTT will supply replacement product or, at its option, credit Customer’s account for the purchase price of non-conforming product. Recommendations herein as to the surface preparation, application, maintenance, and other matters involved in storage, handling, or use of product are based on best information reasonably available to MTT. Because MTT has no control over such matters, or over substrate or other conditions that may affect ultimate performance, Customer has the obligation to determine suitability of product for the intended purpose, and MTT SHALL HAVE NO RESPONSIBILITY FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, EXEMPLARY OR PUNITIVE DAMAGES BUT ONLY FOR THE REPLACEMENT OR CREDITING REMEDY ABOVE. All claims for replacement or crediting must be made within one year from date of shipment. The sale and purchase of product from MTT are subject in each case to MTT’s Terms and Conditions of Purchase.

¹ Sources: ASTM D 2047-93 and *The Slip and Fall Handbook*, Dr. Stephen I. Rosen, Harrow Press.