

PRODUCT DATA

SealOn 212



MASTER
TERRAZZO
TECHNOLOGIES

Clear Acrylic Sealer/ Finish

DESCRIPTION

SealOn 212 sealer is based on a proprietary acrylic resin technology which enables the formulation of a solvent-borne uses a non-HAP, VOC exempt solvents, which dries to form a clear-non yellowing, protective coating.

SealOn 212 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 212** 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 coating 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 212 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 212** by micro fiber 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 Status	exempt
Recoat	2 to 4 hour
Light Traffic	24 hours
Slip Resistance	0.80 COF

CHEMICAL RESISTANCE

10% Sodium Hydroxide	No Effect
10% Potassium Hydroxide	No Effect
10% Hydrochloric 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.¹ 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.

STRIPPING SEALON

Due to its penetrating ability and durability, **SealOn 212** 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 212**. 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 Safety Data Sheet (SDS).
- 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

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