

Polish MM SB 937

Construction Chemicals > Surface Protectors and Polishes > Solvent-Based



Polish MM Sb 937 is a non-yellowing, high-gloss, fast-drying, methyl methacrylate-based, single-component, solvent-based concrete sealer that can penetrate concrete. It is extremely resistant to rain, sun, freezing, staining, and hot tire marks. It offers UV resistance and provides much greater resistance than traditional acrylic sealers against certain pollutants that can be hazardous to concrete.

■ Fields of Application

- It is used as a UV-resistant topcoat sealer for newly applied or aged stamped concrete applications
- As a glossy topcoat sealer in outdoor mosaic tile and washed concrete applications,
- As a protective and polishing topcoat in hardened concrete applications
- To preserve the appearance of decorative concrete surfaces that may be prone to yellowing

■ Advantages

- It helps to make the surface dust-proof and reduces efflorescence in concrete.
- It creates a natural barrier against stains and spills, providing excellent resistance to vehicular traffic
- Available in a high-gloss or attractive matte finish
- It is non-yellowing and never experiences issues with hot tire marks
- It enhances shine on all aggregate surfaces and is easy to apply
- Tests have proven its high resistance to scratches in areas where it has been applied
- It extends the service life of the concrete and makes the treated surface hard and glossy
- Additionally, it increases the concrete's resistance to freeze-thaw cycles in continental climates

1 Material Preparation and Application

To ensure a flawless application, all dirt, oil, dust, foreign contaminants, and laitance must be removed. The surface must be free of visible moisture before application. The concrete surface should be clean, dry, and free from any previous sealers. Interior surfaces, whether troweled or smooth concrete, should be lightly etched or sanded to create porosity. The surface must be dry before use. The material should be mixed before application. The product can be applied to horizontal surfaces without thinning, using an oil-based roller or spray equipment. When applying the material, always maintain a wet edge to minimize overlap marks. Water accumulation on the product should be avoided until it dries, and weather conditions should be checked to ensure no rain is expected during application. A two-coat application is recommended.

2 Consumption

For smooth surfaces, the application rate is 250-350 g/m².
For washed concrete and stamped concrete applications, the rate is 450-650 g/m²

3 Storage Conditions and Shelf Life

- The product has a shelf life of 1 year in unopened packaging.
- It should be stored away from direct sunlight and at a temperature between 5-35°C
- Protect the product from direct sunlight, and ensure the container is tightly sealed after use. Do not mix the product with other chemicals.

4 Packaging

5-liter Tin Can 15-liter Tin Can

5 Precautions

The product should be cleaned immediately with plenty of water before it dries to prevent staining on the surface. Ensure that the concrete surface is completely dry before applying paint or sealers. After use, tools should be thoroughly cleaned with plenty of water. Avoid contact with skin and eyes; in case of contact, wash with plenty of water and seek medical attention.

6 Safety and Health Warnings

Wear protective goggles, clothing, and gloves. Avoid contact with skin, eyes, and clothing. Prevent environmental dispersion of the product. Do not eat, drink, or smoke while using the product. Minimize spills by carefully packaging all containers and packaging. Store containers tightly sealed when not in use. Keep away from heat, sparks, flames, and hot surfaces. Do not handle broken packages without protective equipment. Do not reuse empty containers. Immediately remove and wash contaminated clothing before reuse. Store the product in clearly labeled containers. Keep out of reach of children. Keep away from food, drink, and animal feed. Keep away from oxidizing agents, heat, and flames. Store only in its original container. Keep containers tightly closed, upright, in a cool, well-ventilated area, and protected from damage.



TECHNICAL DATAS

Resin Type	Methyl Methacrylate
Color	Colorless liquid
Solvent	Solvent
Odor	Heavy Solvent
Finish	Glossy (With Option to Matte)
Density	0,90 kg/lit
pH	N/A
Adhesion to Concrete	> 3 MPa
Re-coating Time	3 Hours (at 24°C Room Temperature)
Full Drying Time	18 Hours (at 24°C Room Temperature)
Active Ingredient	> 35%
Solid Content	> 35%
Flash Point	> 35 °C
Freezing Point	N/A

Important

Avoid direct contact with skin. If contact occurs, rinse with clean water. Avoid contact with eyes. In case of eye contact, rinse thoroughly with clean water for 15 minutes. If ingested, drink plenty of water and seek medical attention immediately.

Note

The information provided in this product data sheet is given in good faith based on current knowledge and experience. If you are not satisfied after conducting a surface test in a small area, please contact our technical service department immediately. This information pertains solely to the specified material and may not be applicable to combinations with other materials or for other processes. The information is accurate to the best of the company's knowledge as of the specified date. Since usage conditions are beyond our control, all recommendations are made without any guarantee or warranty regarding accuracy, reliability, or completeness. It is the user's responsibility to determine the suitability and application of this information for their own use. The manufacturer's responsibility is limited to the replacement of products proven to be defective.