EN

Polish/ R SB 931

Construction Chemicals > Surface Protectors and Polishes > Acrylic-Based > Water-Based

Polish/R SB 931 is a solvent-based, acrylic resin, UV-resistant concrete surface hardener and polish for all concrete, stamped concrete, and tile wash concrete surfaces.

■ Fields of Application

- Used as a final coat for all floor concrete and stamped concrete applications
- Used as a glossy topcoat for outdoor tile mosaic and wash concrete applications
- Serves as a final protective and polishing coat for hardened concrete applications
- Maintains the appearance of decorative concrete surfaces that may be prone to blooming (whitening) and yellowing

■ Advantages

- Provides gloss on all aggregate surfaces. Easy to apply
- Offers resistance to scratches during work performed on the applied surface
- Protects the concrete surface and provides a high-gloss coating with slight darkening
- Extends the service life of the concrete and ensures the applied surface is hard and glossy
- Increases the concrete's resistance to freeze-thaw cycles in temperate climates

1 Material Preparation and Application

All substances that prevent adhesion, such as dust, dirt, and oil, should be removed from the surface, and there should be no loose or moving particles. The surface should be cleaned using appropriate methods such as steam cleaning, high-pressure water jetting, or scouring. If the surface has been cleaned with a wet method, it should be allowed to dry, and care should be taken to ensure the surface is dry. Surface and air temperatures should be above 10°C and below 30°C. Avoid applying to excessively hot surfaces, as rapid drying can cause bubbles or streaks. If the surface is hot, keep in mind that the solvent may dry quickly, which could lead to application issues.
Depending on the absorbency of the floor, 1 or 2 coats can be applied. Ensure the previous coat is fully dry before applying additional coats. For smooth concrete, it is recommended to use a satin roller or a short-nap mohair roller. The surface should be thoroughly saturated with resin, and additional coats may be considered for more gloss, especially on highly absorbent surfaces. Check the weather forecast and avoid application if rain is expected.

2 Precautions

- The product should be cleaned immediately with plenty of water before it dries after application. Otherwise, staining on the surface may be observed
- Concrete surfaces should be thoroughly dry before applying paint or finish
- Tools should be cleaned with plenty of water after use
- Avoid contact with skin and eyes; in case of contact, wash thoroughly with plenty of water and consult a doctor

3 Consumption

On smooth surfaces: 250-350 g/m^2 On wash concrete and stamped concrete applications: 450-650 g/m^2

4 Packaging

5-liter Tin Can 15-liter Tin Can

5 Storage Conditions and Shelf Life

- Shelf life is 1 year in unopened packaging. The product should be stored away from direct sunlight and at temperatures between 5-35°C
- It should be protected from direct sunlight
- After use, the container should be tightly closed. The product should not be mixed with other chemicals






TECHNICAL DATAS

Resin Type	Acrylic
Color	Transparent, Colorless liquid
Solvent	Solvent
Odor	Strong solvent
Finish	Glossy (can be matte with C&P Matting)
Density	0.88 kg/L
pH	N/A
Adhesion to Concrete	> 2 MPa
Recoating Time	4 hours (at 24°C room temperature)
Full Cure Time	24 hours (at 24°C room temperature)
Active Substance	0.2
Solid Content	0.21
Flash Point	> 38°C
Freezing Point	N/A

6 Safety and Health Warnings

- Protective goggles, clothing, and gloves should be worn. Avoid contact with skin, eyes, and clothing. Prevent the product from spreading into the environment
- Do not eat, drink, or smoke during use
- To minimize spills, all packages and containers should be carefully sealed
- Containers should be stored tightly sealed when not in use
- Keep away from heat, sparks, flames, and hot surfaces
- Broken packages should not be transported without protective equipment. Empty containers should not be reused
- If clothing becomes contaminated, it should be removed immediately and washed before reuse
- The product should be stored in clearly labeled containers
- Keep out of reach of children. Keep away from food, beverages, and animal feed
- Keep away from oxidizing agents, heat, and flames
- Store only in the original container
- Containers should be kept tightly closed, upright, and in a cool, well-ventilated area
- Containers should be protected from damage