

TOPSEAL S20

High-Performance, Solvent-Based Acrylic Sealer

Description

TOPSEAL S20 is an Ethyl Methacrylate resin based, special quick drying solvent born, high performance deep penetrating sealer. The dried film has non-yellowing, alkali resistance, excellent hardness, adhesion, water and weather resistance.

TOPSEAL S20 is an ideal sealer and protective coating for concrete surfaces such as stamped concrete, chemical stained concrete, exposed aggregate concrete, interlock, natural stone and porous bricks. It is available in gloss and matt finish.

Features & Benefits

- Develops deep, rich and nice look for concrete surface
- UV resistant, excellent weather and water resistance
- High level of resistance to Alkali, acids, aliphatic solvents, gasoline, oils and grease.
- Superior resistance to Freeze/thaw cycling and acid rain.
- Easy apply and re-coat without extensive surface preparation
- Excellent sealing properties.
- Increase the durability of concrete

Uses

TOPSEAL S20 is a single pack product used as sealer and finishing coat for various colored and uncolored concrete surfaces. It is used to protect any exterior or interior, horizontal and vertical concrete or masonry surfaces.

It protects and amplify the beauty of stamped concrete, exposed aggregate, terrazzo and man-made or natural stone. Deepens the color of stamped concrete while shielding it from water, freeze/thaw damage, dirt and most hydrocarbon chemicals. It makes the surface easier to clean.

Technical Properties

Appearance	Transparent Coating
Density	800-850 Kg/m ³
Volume solids	36%
Bonding Strength	≥4.5 N/mm ²
Film Thickness	30-50 microns
UV Resistance	No discoloration after 300hrs
Touch drying time	30 minutes
Time for recoat	4 hours
Ready for light traffic	24 hours
Full cure	72 hours
Moisture Resistance	0.3%
Chemical Resistance	
Acetic Acid (10%)	Excellent
Sodium Hydroxide (10%)	Excellent
Hydrochloric Acid (10%)	Excellent
Stain Resistance	Excellent

All values are subject to 5-10% tolerance

Standards Compliance

- ASTM D 1308, D 543, D 4541
- ASTM C 156

Application Procedures

Surface preparation:

Surfaces must be clean, dry and free from contaminants such as dirt or oil. In some case cleaning agents may be used provided no cleaning material remains on the surface. Allow surface to dry for at least 24 hrs before sealer application.

Mixing Instructions:

TOPSEAL S20 is ready to use single component product that requires to stir the content of pail before application.

Application Instructions:

Apply TOPSEAL S20 using roller or spray machine. Minimum two coats are recommended, apply the first coat in a rate of 3-4 m² per Ltr and the second coat in a rate of 4-5 m² per Ltr.

For Matt finish, the matt grade of TOPSEAL S20 should always applied on the top of gloss grade of TOPSEAL S20.

Do not allow foot traffic before 24 hrs of the application. For heavy traffic material should allow for 72 hrs curing.

Limitations:

- Do not apply product in temperature below than 5 °C
- Do not apply in rainy or dusty weather.
- Avoid application in direct sunlight or high winds
- Do not apply in areas where hydrostatic pressure is possible.
- Do not apply in high rates (apply in thin coats) to avoid slippery finishing.
- Product is not recommended for dense surfaces such as marble or glazed tiles. please contact SBI technical department for recommendation.

Coverage

The coverage of **TOPSEAL S20** depends on the porosity of surfaces but generally, it is approximately 4-5 m² per Lt. per coat depending on surface texture and porosity.

Normally minimum of two coats are recommended

Packaging

TOPSEAL S20 is available in 20 Liter Pail.

Storage

Keep the product in dry and sheltered place at temperature between +5°C to +35°C. In these conditions and in closed original containers, the product will have a shelf life of at least 12 months.

Health and Safety

Wear gloves, goggles to avoid any contact with eyes and skin. In case of splashes in the eyes wash abundantly with warm water and consult a doctor.

For further information or particular use, contact SBI Technical Department.

Quality & Care

All products produced in SBI facilities are manufactured under a management system certified to conform to the requirements of the quality and environmental health & safety standards ISO 9001 & ISO 14001.

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