

# TOPSEAL W20

## Concrete Sealer and Water Repellent Acrylic Coating

### Description

**TOPSEAL W20** is a water-based synthetic acrylic sealer that designed to seal interior and exterior concrete surfaces. It dries to a transparent film, which improves abrasion and UV resistance of the concrete.

**TOPSEAL W20** provides a tough, clear film that will not after-yellow. It also provides improved weather, stains resistance and effectively protects surfaces from moisture and vapor penetration, dirt, dust and wear.

### Features & Benefits

- Single component, Easy to apply.
- Fast drying
- Vapor barrier and protective sealer
- Resists discoloration due to ultraviolet.
- Enhances the resistance to rain, sun, oil, grease, industrial chemicals, solvents,
- Dust proofing.
- Protects against air pollution.
- Can be applied to colored concrete
- Can be used as a primer coat for top finishes.

### Uses

**TOPSEAL W20** is used as a sealer on EIFS System, driveways, patios, industrial floors, loading docks and exposed aggregate, as well as any exterior surface where protection and sealing of concrete or plaster is desired (dries to a low medium sheen).

**TOPSEAL W20** improves resistance to rain, sun, freezing temperatures, stains, oil, grease, de-icing salts, cleaning agents (except aromatic solvents), as well as airborne soot, dust and other pollutants.

It can be used as protection coat against humidity and vapors and as a primer coat before applying any of decorative paints or textures.

### Technical Properties

Appearance	Milky white emulsion dries to transparent film
Density	1,000- 1,050 Kg/m <sup>3</sup>
Volume Solid	30%
pH	8-9
Resistance to water penetration	Excellent
Dry film thickness	25-30 microns
Service temperature	-5 to +80 °C
Application temperature	+5 to +35 °C
Touch drying time	60 minutes
Drying time	6-8 hours

All values are subject to 5-10% tolerance

### Standards Compliance

- ASTM C309 type 1, C1315 type 1
- ASTM D 2697& ASTM D70
- AASHTO M148 type 1

### Application Procedures

#### Surface preparation:

Surface of the concrete must be clean and dry. Oil stains or grease residue must be removed.

All faults must be corrected prior to commencement of the coating work.

New concrete must be cured at least 21 days before applying **TOPSEAL W20**. All concrete curing compounds must be mechanically removed, along with any foreign material.

On old concrete, clean the surface thoroughly. Remove oil stains and grease residues. Any unresolved stains left on the concrete will be visible after the film dries. Any damages or cracks must be repaired before applying the sealer.

Plaster must be through a dry and not simply surface dry. Confirm that the plaster is not wet inside by digging into the plaster with a blade. In good drying conditions leave plaster at least 3 days to dry.

## Mixing Instructions:

**TOPSEAL W20** is ready to use single component product that requires to stir the content of pail before application.

## Application Instructions:

**TOPSEAL W20** can be applied with brush, roller or low-pressure spray unit straight from the container at the coverage rates recommended below. It requires no thinning or other special preparations prior to application.

**TOPSEAL W20** must penetrate for greatest protection and to prevent sticky surfaces. To determine the ability of penetration, apply on a smaller area first.

Any excess liquid residue on surface indicates improper penetration. Two coats application is recommended, however, will provide the most enduring protection. After testing the penetration characteristics of the surface, the first coat should be applied and allowed to become dry to touch. The second coat should then be thinly applied to the surface to provide the best possible protection. On areas where spilling has already occurred, minimum two coats must be applied. Excess liquid remaining on the surface after application should be spread out evenly or wiped off.

## Coverage

The coverage of **TOPSEAL W20** depends on the porosity of surfaces but generally, it is approximately 6–8 m<sup>2</sup> per Lt. per coat depending on surface roughness and porosity.

Normally two coats are recommended.

## Packaging

**TOPSEAL W20** is available in 20 Liter Jerkins & 200 Liter drums.

## 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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