

# TOPSEAL W30

## Hybrid Polyurethane Concrete Sealer and Protective Coating

### Description

**TOPSEAL W30** is a high-performance, water-based hybrid polyurethane sealer for concrete. It offers the same protection as a solvent-based sealer with the additional benefits of being cost-effective, environmentally friendly, and easy to use.

**TOPSEAL W30** provides a highly durable, low VOC, UV resistant, chemical and abrasion-resistant, medium-gloss finish. It is designed to protect and enhance the appearance of concrete in both indoor and outdoor applications.

### Features & Benefits

- Good resistance to chemicals, abrasion and traffic
- Ready to use single component product
- Fast drying
- Environmentally friendly (water based, non-toxic, non-hazardous)
- UV stable (not-yellowing)
- Suitable for indoor and outdoor use
- Easy to apply

### Uses

**TOPSEAL W30** is a single pack sealer and protective coating used as sealer and finishing coat for various colored and uncolored concrete surfaces. It is an excellent choice for sealing nearly every type of concrete. It is compatible with integral color, acid and non-reactive stains, color hardener and most types of decorative and architectural concrete.

**TOPSEAL W30** is ideal sealer for existing concrete, masonry, stamped concrete, decks, stairs, interlock and exposed aggregate concrete. It can be used on concrete, metal and wood surfaces

### Technical Properties

Appearance	Milky white liquid dries to transparent film												
Density	1,000- 1,050 Kg/m <sup>3</sup>												
Volume Solid	22%												
VOC	<100 g/L												
UV resistance (ASTM G154)	No discoloration after 300hrs												
Dry film thickness	30-50 microns												
Dry tape adhesion (ASTM D3359)	5A-5B												
Coefficient of Friction (ASTM F609)	0.64												
pH	6.5-8												
Chemical resistance (ASTM D543)	<table border="0"> <tr> <td>Acetic Acid (10%)</td> <td>Passed (no effect)</td> </tr> <tr> <td>Nitric Acid (2% )</td> <td>Passed (no effect)</td> </tr> <tr> <td>Alkaline Sol. (pH 11.5)</td> <td>Passed (no effect)</td> </tr> <tr> <td>Hydrochloric acid (10%)</td> <td>Passed (no effect)</td> </tr> <tr> <td>Gasoline/ Oils</td> <td>Passed (no effect)</td> </tr> <tr> <td>Detergent/ soap solution</td> <td>Passed (no effect)</td> </tr> </table>	Acetic Acid (10%)	Passed (no effect)	Nitric Acid (2% )	Passed (no effect)	Alkaline Sol. (pH 11.5)	Passed (no effect)	Hydrochloric acid (10%)	Passed (no effect)	Gasoline/ Oils	Passed (no effect)	Detergent/ soap solution	Passed (no effect)
Acetic Acid (10%)	Passed (no effect)												
Nitric Acid (2% )	Passed (no effect)												
Alkaline Sol. (pH 11.5)	Passed (no effect)												
Hydrochloric acid (10%)	Passed (no effect)												
Gasoline/ Oils	Passed (no effect)												
Detergent/ soap solution	Passed (no effect)												
Touch dry time	30-45 minutes												

All values are subject to 5-10% tolerance

### Standards Compliance

- ASTM G154, F609
- ASTM D 3359, D 543

### 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.

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.

### Mixing Instructions:

**TOPSEAL W30** is ready to use single component product that requires to stir the content of pail before application.

### Application Instructions:

Mix **TOPSEAL W30** well before use, it is ready to use produce, avoid diluting. Minimum two coats are recommended, apply the first coat in a rate of 3-4 m<sup>2</sup> per Ltr and the second coat in a rate of 4-5 m<sup>2</sup> per Ltr. Do not allow foot traffic before 24 hrs of the application or 48 hrs for heavy traffic. material should be applied in temperature between 10 to 35 °C.

### 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 wends
- 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 areas where high slip resistance is required

### Coverage

The coverage of **TOPSEAL W30** depends on the porosity of surfaces but generally, it is approximately 4–5 m<sup>2</sup> per Lt. per coat depending on surface texture and porosity.  
Normally minimum of two coats are recommended.

### Packaging

**TOPSEAL W30** is available in 20 Liter Jerkins.

### 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.

REV 00-8010

**SALES OFFICE** : Dubai, Barsha, Rasis Business Center  
**FACTORY** : RAK, Jazerat Al Hamra

Tel.+971 4 3999927  
 Tel. +971 7 2210066  
 Fax. +971 7 2433821  
 P.O.Box 14569  
[www.sbi-me.com](http://www.sbi-me.com) , [info@sbi-me.com](mailto:info@sbi-me.com)