

# TOPSEAL MG 350

## Polyurethane Waterproofing Membrane

### Description

Topseal MG 350 is a one component liquid polyurethane waterproofing membrane and its advantage are as following:

- Elastic, waterproofed, vapor permeable
- Can be apply in irregular substrates
- Excellent bonding to various substrates
- Easy to repaired
- Seamless

### Uses

- R.C. Flat Roof
- Terraces and Balconies
- Kitchens, Bathrooms
- Bridge Decks and Tunnels, etc
- Foundation
- Gypsum and Cement Board
- Metal Surfaces
- Planter Box

### Technical Data

Composition	Pre-polymer polyurethane
Colors	White, Grey
Elongation at Break (ASTM D412)	600%
Tensile Strength (ASTM D412)	4.5 N/mm <sup>2</sup>
Water vapor permeability (permeable EN ISO 7783-2, Class 1 <5m)	sd: 0.82m
Adhesion (EN 1542)	2.0 N/mm <sup>2</sup>
Temperature resistant	From – 20°C to 90°C
Co 2 permeability (EN 1062-6)	sd > 50m
Solar reflectance (ASTM E903-96)	89%
Infrared thermal emitance (ASTM E40/-71)	0.90
Crack Bridging Ability	2mm (no cracks)

### Direction to Used

#### Substrate Preparation

The substrate must be dry, clean, free of grease, loose particles, dust etc.

Any crack on the substrate must be filled with Topflex PU polyurethane sealant.

Any existing cavities in concrete should be filled with the appropriate repairing materials in advance.

### Application

It is recommended to stir Topseal MG 350, until becomes homogeneous prior to application. No extensive stirring to prevent air entrapment in the material.

Apply Topseal MG 350 by brush or roller in 2 layers.

Topseal MG 350 should be locally reinforced along the joints and wall-floor junction, by embedding 10cm wide polypropylene fiber tape on its first layer, while it is still fresh.

After the application of the final layer and while it is still fresh, quartz sand (0.3 – 0.8mm) must be broadcasted. Any loose grains should be removed with a vacuum cleaner (for application under tile area).

### Consumption

Approx. 1.0-1.5kg/m<sup>2</sup> depending on the substrate condition.

## Packaging

Topseal MG 350 is supplied in containers of 25kg

## Storage

12 month from production date.

## Remarks

- In the event that application by spraying it can be diluted
- The consumption of Topseal MG 350 should not exceed 750g/m<sup>2</sup> per coat.
- Unsealed packages should be used at once and cannot be restored.
- A Topcoat 630 is required when Topseal MG 350 has been chosen as an exposed layer.

## Technical Support

TOPKRETE offers a comprehensive range of high performance, quality products. TOPKRETE offers a technical support package to specifiers and contractors which include assistance with product selection and technical advice from staff with unrivalled experience in the industry.

## Health & Safety

For further information, refer to the product Material Safety Data Sheet, available upon request.

## Additional Information

Topkrete manufacturers and offers a wide range of complementary products which includes waterstop, waterproofing products, grouts, anchors, specialized flooring products. In addition, a wide range of products formulated for repair and refurbishment of spelled concrete are available.

## Warranty

**Topkrete** warrants its product to be free of defects. Under the warranty, we will provide at no charge, replacement materials for, or refund the purchase price of, any product proven to be defective when used in strict accordance with our published recommendations and applications, considered by us as suitable for this product. This warranty is in lieu of any and all other warranties, expressed or implied, and in no case will Topkrete be liable for incidental or consequential damages.

## Important note

Topkrete products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which may be obtained on request. Whilst Topkrete endeavors to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it shall not, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.

## **Topkrete Sdn Bhd** (597943-M)

Office : 19-G, Blok A, Jalan Atmosphere 3,  
Pusat Perniagaan Atmosphere,  
Bandar Putra Permai,  
43300 Seri Kembangan,  
Selangor Darul Ehsan, Malaysia  
Tel: +603- 8957 8999 Fax: +603-8959 1661  
Email: [info@topkrete.com](mailto:info@topkrete.com)  
[www.topkrete.com](http://www.topkrete.com)

Factory : No.3, Jalan Utama 1/12,  
Taman Perindustrian Puchong Utama,  
47100 Puchong,  
Selangor Darul Ehsan, Malaysia.  
Tel : +603-80631883 Fax: +603-80631983