

TOPSEAL HG260

Description

The **Topseal HG260** is a liquid-applied, highly permanent elastic, cold applied and cold curing, high solid, one component, 100% polyurethane-based membrane used for long-lasting waterproofing.

The **Topseal HG260** consists of flexible, high solid polyurethane resins formula, without the addition of inferior acrylic resins and bitumen.

When the **Topseal HG260** is applied, it forms a hydrophobic, 100% waterproofing, seamless, polyurethane membrane without joints or leak possibilities, that protect old and new structures efficient and on a long term basis.

Uses

- Waterproofing of Rooftops
- Waterproofing of Balconies and Terraces
- Waterproofing of Wet Areas (under-tile) in Bathrooms, Balconies, Kitchens, etc
- Protection of Polyurethane Foam Insulation
- Waterproofing and protection of Concrete constructions like Bridge-decks, Tunnels, etc.

Advantages

- Simple application (roller or brush).
- Pure Polyurethane.
- When applied forms seamless membrane without joints.
- Resistant to water.
- Resistant to frost.
- Provides high levels of crack bridging.
- Resistant to root penetration, so it can be used in green roofs.
- Maintains its mechanical properties over a temperature span of -40°C to +90°C.
- Provides water vapor permeability.
- Full surface adherence without any additional anchoring.
- The waterproofed surface can be walked on.
- Even if the membrane gets damaged, it can be easily repaired locally within minutes.
- Low VOC content < 100g/l
- Low cost

Colours

The **Topseal HG260** is supplied in white or light grey only.

Technical Data

Property	Result	Test Method
Composition	Pure Polyurethane	-
Elongation at break	800%	ASTM D412
Tensile strength	5 N/mm ² Reinforced 9 N/mm ²	ASTM D412
Tear Resistant	29 N/mm ²	ASTM D412
Water vapor permeability	30 gr/m ² /day	ISO 9932:91
Resistance to water pressure	1m water column, 24h-No leak	DIN EN 1928
Adhesion to concrete	2 N/mm ²	ASTM D903
Hardness (Shore A scale)	65 Reinforced 68	ASTM D 2240
Resistance to Root Penetration	Resistant	UNE 53420
SRI Value	White : 100 Light Grey: 87	ASTM E 1980-01
Tack free time	6 hour	
Final cure time	7 days	

Installation

Surface Preparation

The surface need to be clean, dry and sound, free of any contamination.

Surface should be minimum 28 days old loose coating, dirt, fats, oils and dust must be remove and dry (No damp areas)

All crack must be repair with Topflex PU sealant and honeycomb must be repaired with repair mortar.

Application

Stir well before using. Pour **Topseal HG260** onto concrete surface and lay it out by roller or brush, until all surface is covered.

Porous concrete surface should be prime with a layer of diluted **Topseal HG260** Dilute only with Topkrete RD.

Protection

The freshly applied membrane shall be protected from rain during its drying time.

Packing

Topseal HG260	25 kg pail
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Coverage

Topseal HG260	1.2 kg/m ² applied in 2 coat
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Storage

Topseal HG260 should be stored in original unopened packaging in dry conditions under ambient room temperature.

Under these conditions, the product will have a shelf life of 12 months.

Shelf life may reduce if stored in extreme heat locations.

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 spalled concrete are available.

Warranty

Topkrete Sdn Bhd warrants that the products manufactured by it shall be free from material defects and will conform to formulation standards and contain all components in their proper proportion. Should any of the products be proven defective, the liability to TOPKRETE SDN BHD shall be limited to replacement of the material proven to be defective, and TOPKRETE SDN BHD shall in no case be liable otherwise or for incidental or consequential damages. **TOPKRETE SDN BHD MAKES NO WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED.** User shall determine the suitability of the product for its intended use and assume all risks and liability in connection therewith.

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.

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