

TOPSEAL HG250

Product

Topseal HG250 is a liquid applied, one component polyurethane elastomeric waterproofing membrane.

Uses

- Balconies and Terraces
- Wet Area
- Bathroom
- Kitchen
- Foundation
- R.C Flat Roof
- Flowerbeds

Advantages

- UV resistance
- Crack bridging properties
- Seamless
- Resistant to water
- Water vapor permeability
- Repair easily in case damaged
- Highly elastic
- Chemical resistance
- Long life span

Technical Data

| Property | Result | Test Method |
|------------------------------|---|-------------|
| Composition | Polyurethane high solids pre-polymer | - |
| Elongation at break | 900% | ASTM D412 |
| Tensile strength | 5 N/mm ² 9 N/mm ² reinforced | ASTM D412 |
| Water vapor permeability | 52 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 | ASTM D 2240 |
| Tack free time | 6 hour | |
| Final cure time | 7 days | |

| Property | Result | Test Method |
|-----------------------------|--|-------------|
| Chemical against Properties | Good resistant acidic and basic solution (10%), detergents, seawater and oil | |

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 removed and dry (No damp areas) DO NOT WASH SURFACE WITH WATER.

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

Application

Stir well before using. Poor the **Topseal HG250** 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 HG250** Dilute only with Topsolv 9000.

Protection

The freshly applied membrane shall be protected from rain, dirt, oil, grease or other loose particle during it draying time.

Packing

| | |
|----------------------|-----------------------------|
| Topseal HG250 | 20 kg pail 250 kg barrel |
|----------------------|-----------------------------|

Coverage

| | |
|----------------------|--|
| Topseal HG250 | 0.6 kg/m ² applied in 2 coats |
|----------------------|--|

Colours

The **Topseal HG250** is supplied in grey and white

Storage

Topseal HG250 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.

Precaution

Topseal HG250 contains isocyanates, see information supplied by the manufacturer.

Ensure adequate ventilation when applying **Topseal HG250**. Wear impervious gloves and barrier cream if user is sensitive to resin system. Wear eye protection.

Additional Information

Topkrete manufactures and offers a wide range of complementary products, which includes waterstops, waterproofing products, grouts, anchors, specialized flooring products. In additions, a wide range of products formulated for repair and refurbishment spalled concrete are available.

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Important note

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