



YAPI KİMYASALLARI SAN. VE TİC. LTD. ŞTİ.

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BETTOSEAL SUPER MEMBRANE

Acrylic Based, One Component, Water Based, UV Resistant,
Elastic, Grainy Waterproofing Membrane

MATERIAL DESCRIPTION

BETTOSEAL SUPER MEMBRANE is a highly abrasion resistant waterproofing coating material consisting of special mineral filler and polymer components, with strong adherence ability, excellent water resistance and high UV resistance.

AREAS OF USE

- Indoors and outdoors, in vertical and horizontal applications, from the direction the water comes from,
- Concrete terrace and roof insulation,
- On bituminous, slate and colored sandy roof membranes,
- On betopan, eternit, mdf and osb surfaces,
- For wet insulation, provided that you cover it with ceramic tiles,
- Concrete roads, parks and gardens, asphalt surfaces,
- Hidden streams, gutters and eaves.
- Renewal of waterproofing of bituminous or similar surfaces,
- Waterproofing is applied on ceramic coated surfaces by using **BETTOPRIME 033** primer. (PROVIDED THAT CERAMIC COATING ON IT AGAIN)

ADVANTAGES

- Easy to apply,
- It has the ability to bridge shrinkage cracks with its elastomeric structure,
- Freeze-thaw resistance,
- Resistant to aging, water, various salt solutions and weak acids,
- Uses in areas affected by movement and vibration,
- High adhesion and elastic film formation,
- High UV and abrasion resistance,
- Economical and long lasting,
- Environmentally friendly, no harm to human health.
- Do not apply on wet and frozen surfaces and where there is a possibility of precipitation.

TECHNICAL SPECIFICATIONS

BETTOSEAL SUPER MEMBRANE

Density (at +25°C)

Ph value (at +25°C)

Viscosity (25°C, mPa.s)

Solids Content (% by weight)

Drying Time

Application Temperature

Service Temperature

Application Surface Temperature

The surface must not show any danger of frost.

Acrylic Based, Water Based Resin

1.35 gr/cm³

- 9.0

10000 - 12000

75 ± 2

Minimum 4 hours (between floors)

between +10 °C and +35 °C

-20 °C to +80 °C

It should be above +5°C.



NOTE: The above values are given for +23°C and 50% relative humidity. High temperatures shorten the time, low temperatures lengthen the time.

SURFACE PREPARATION

The surfaces to be treated with **BETTOSEAL SUPER MEMBRANE** must be free of all loose particles, oil, dust, dirt and paint residues, cement tape. Problematic surfaces on the concrete should be repaired beforehand.

Weak parts of the concrete should be repaired, coatings that do not adhere to the concrete should be removed, the surface should be strong and durable, static cracks in the structure should be repaired with **BETTOCRETE M** repair mortar. If deemed appropriate, it can also be repaired with polyurethane sealant **BETTOLASTIC PUM**.

In order to balance the absorbency of the floor, it is recommended to apply **BETTOPRIME G** as a primer on highly absorbent reinforced concrete surfaces and **BETTOPRIME 033** on non-absorbent surfaces such as ceramic, sheet metal and PVC.

BETTOSEAL SUPER MEMBRANE can be used without primer on a number of surfaces (bituminous membrane, slate membrane, asphalt and sandy membrane surfaces). Please consult our company for technical information.

MIXING

BETTOSEAL SUPER MEMBRANE is supplied ready to use. Although it is a single component, it is still necessary to mix the filler material in the product before application to make it homogeneous. Before starting the mixing process, make sure that the material temperatures are between +10 - +35°C.

APPLICATION METHOD

Before application, the floor should be primed to reduce surface absorbency and **BETTOPRIME G** and **BETTOPRIME 033** should be applied as primer on high gloss surfaces to increase adhesion strength. When priming the floor, the product should be thoroughly absorbed into the floor using a roller or hard brush. Allow the applied primer to dry for 2-3 hours.

BETTOSEAL SUPER MEMBRANE after primer application, It is applied in 2 coats with 4 hours intervals.

EXPENDITURE

1.0 kg/m² in 2 coat application

CLEANING OF INSTRUMENTS

Tools and equipment used after application can be cleaned with water.

PACKAGING

In 12 Kg buckets,

STORAGE CONDITIONS

It should be stored in its unopened original packaging in a cool and dry environment at temperatures between + 5C and + 35C, protected from frost. For short-term storage, maximum 3 pallets should be stacked on top of each other and shipment should be made on a first-in, first-out basis. For long term storage, pallets should not be stacked on top of each other.

SHELF LIFE

12 months from the date of production under appropriate storage conditions.

SECURITY MEASURES

During application, work clothes, protective gloves, goggles and masks should be worn in accordance with the Occupational Health and Safety Rules. Due to the irritating effects of uncured materials, the components should not come into contact with the skin and eyes, in case of contact, wash immediately with plenty of water and soap, and in case of ingestion, consult a doctor immediately. Food and beverage materials should not be brought into the application areas. Keep out of the reach of children.



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