

STARFLEX FIBRA

**SINGLE COMPONENT POLYURETHANE THIXOTROPIC MEMBRANE
FLEXIBLE AND FIBER-REINFORCED FOR WATERPROOFING OF GUTTERS,
LIGHTDOMES AND FLASHINGS.**



FEATURES

High adhesion on different substrates: concrete, bituminous sheet, pvc etc..

High flexibility to low temperatures.

Waterproof.

Breathable to water vapour.

Easy to apply, just with a brush.

High **crack-bridging** performance.

Resistant **under ice and permanent water** puddles.

Resistant to **abrasion and bad weather**.

Quick refurbishment of rips and fessures on old membranes.

Easy repair work without other instruments or products of bituminous membranes, PVC, resin membranes and plastic materials.

APPLICATION TEMPERATURE

It can be applied starting **by +5°C to +35°C** (R.U. < 85%).

WORKABILITY TEMPERATURE

Workability temperature starting **by -30°C to +80°C** up in the air.

FIELDS OF USE

Refurbishment of exhistng ripped/fessured/cracked membranes for:

- Roofs, terraces and balconies.
- Tanks, gutters pipes.
- Basements and undergrunds.
- Decks and bridges
- Exhausting pipes and lightdomes.
- Ventilation pipes and edges.

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SUBSTRATE PREPARATION

- Substrates must be **solid and sound**, dust free and cleaned by oils greases and detaching agents.
- On waterproofing substrates (such old membranes or metal surfaces) it's important to **remove oil spots, greases and other organic subsances** with a cloth wet with solvent. It recommanded to do not clean the substrate with water.
- If applied on concrete substrate, after mechanical grinding/sanding, it must has an **adhesion resistance over than 1,5 MPA** measured with a specific instrument and must be past at least the 28 days of complete curing. Do not wash with weater.
- **On ceramic supports or old resinous coatings**, after adequate mechanical preparation, it is important to check their correct adhesion to the substrate and the absence of traces of pollutants.

PRODUCT PREPARATION

Single component **ready to use** product, after a good homogeneous preparation by **mixing with a manual stick** after 1 minute mixing. Do not use a mechanical mixers for preparation.

DILUTION AND COLORS

Do not dilute the product. The product is available in grey version and is can't be use with coloring paste.

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APPLICATION PRODUCT

STARFLEX MONO FIBERED is a **fiber product** and does not require reinforcement with non-woven fabric or fiberglass mesh. It is usually **applied with a brush** until the surface is completely covered.

If necessary, **a second coat can be applied 12 hours** after applying the first coat. Depending on needs, it is applied with a **total consumption may change between 1.5 kg/m² and 3.5 kg/m²**.

PRECAUTIONS AND WARNINGS

- The product is **moisture curing**. The speed of hardening is strongly influenced by the relative humidity in the environment.
- Do not apply the product at ambient temperatures **lower than +5°C or higher than +35°C**.
- Do not apply on **wet or icy surfaces and with foggy conditions**.

NEXT COATING

STARFLEX MONO FIBERED can be over-applied within a week of application with other polyurethane-based products. **If more time passes** or it is necessary to cover it with materials having a different chemical matrix, it is advisable to clean it with a solvent and evaluate the **use of a dedicated primer**.

SAFETY AND TOOL'S CLEANING

When applying **STARFLEX MONO FIBERED** it is advisable to **use protective glasses, rubber gloves and suitable technical clothing**.

After use, **the tools must be thoroughly cleaned with DILUENTE 15**.

For further information regarding precautions for use, please refer to the safety data sheet.

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TECHNICAL DATAS

Color		Black
Hardening time at 20°C, 50% R.U.		- Rainproof after: 3 hours - Overapplication after: at least 12 hours - Complete curing after: 7 days
Water diffusion factor	UNI ISO 9932:91	> 20 g/m ² for 24 hours
Water pressure resistant	DIN EN 1928	Water column 1 m for 24 hours
Adhesion to concrete	ASTM D 903	> 2 N/mm ²
Chemical resistance		Good resistance to chemical solutions and alkalines (5%), detergents, salt water and oils.
Tensile strenght	ASTM D 412	> 2 N/mm ²
Elongation to break	ASTM D 412	> 250 %
Hardness Shore A	ASTM D 2240	65
Average consumption		Starting by 1,5 kg/m ² to 3,5 kg/m ²

The data and requirements reported in this sheet, based on the best practical and laboratory experiences, are to be considered indicative in any case. Considering the different conditions of use, and the intervention of factors independent of MPM (support, environmental conditions, technical direction of installation, etc.), anyone who intends to use it is required to establish whether the product is suitable for use or not. Our guarantee obligation is limited to the quality and consistency of the finished product for the data reported above, only for technical data sheets accompanied by stamp and countersignature by our delegated personnel site. Furthermore, the customer is required to verify that these values are valid for the product batch of interest to him and are not superseded and/replaced by subsequent editions and/or new formulations. The data contained may change at any time without obligation of notice on the part of MPM.