

STARFLEX T

TRANSPARENT SELF-LEVELLING ELASTIC COATING SINGLE-COMPONENT
SILANE-TERMINATED POLYMERS SOLVENT-FREE



CHARACTERISTICS

Single-component, ready to use, **no primer required**.

Odourless, solvent-free product.

Excellent **resistance** to UV rays.

Transparent, does not **yellow**.

Waterproof (does not absorb water).

Good mechanical characteristics.

Walkable.

Excellent resistance to **hydrolysis** and **low temperatures**.

Contributes to obtaining credits for **LEED certification**.

APPLICATION TEMPERATURE

Applicable **from +5°C to +30°C**. The temperature of the substrate must be at least 3°C above the dew point temperature.

OPERATING TEMPERATURE

Operating temperature **from -40°C to +80°C** in air.

FIELD OF USE

- **Terraces** and **balconies** subject to infiltration, applicable directly on ceramic or stoneware tiles, bricks and stone substrates.
- Regeneration of **skylights** in polycarbonate, polyacrylate, glass and glass-cement.

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PREPARATION OF THE SUBSTRATE

- The surfaces to be treated must be sound, compact, free of dust and contamination from foreign substances (dirt, oil, grease, release agents, etc.).
- After adequate mechanical preparation, the **cementitious substrate** must have a surface tear resistance greater than 1.5 MPa, measured using suitable instruments.
- In the case of **ceramic substrates or old resinous coatings**, after adequate mechanical preparation, their correct adhesion to the substrate and the absence of traces of contaminants must be verified.

Damaged joints, holes and other irregularities must be properly levelled and repaired with epoxy filler such as **STARCEMENT 385**, or epoxy mortar such as **DUROGLASS P1/2**, suitably loaded with quartz or **ADDENSANTE NT2**.

The substrate must be dry and have a relative humidity of no more than 5%, measured at a depth of 3 cm from the installation surface. We do not recommend applying the product to damp substrates.

PRODUCT PREPARATION

The product is **single-component** and ready to use. For better homogenisation, it is recommended to mix the product with a low-speed mechanical mixer for about 2 minutes.

DILUTION AND COLOURING

The product does not require dilution.

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PRODUCT APPLICATION

Apply **STARFLEX T** directly onto the prepared and dry substrate using a roller, with a minimum consumption of approximately 200 g/m² as a primer.

The following day, apply **STARFLEX T** with a notched trowel, ensuring a minimum consumption of 1 kg/m². Once the product has been spread, and within 15 minutes of application, it must be treated with a bubble-breaking roller to help spread it and expel any air bubbles that may have been incorporated.

WARNINGS AND PRECAUTIONS

- As the product is transparent and glossy, it may highlight stains on the substrate. The surface is smooth, glossy and non-slip when dry. If a non-slip surface is required, an application of transparent polyurethane **POLISTAR P 8670** or **POLISTAR P 8670 W** can be applied, with 6-10% **ADDITIVO MIX 1** glass microspheres added. This treatment will also help to reduce the gloss.
- Applying the product to a damp surface is not recommended. If this happens, salt deposits (whitish stains) may form within 12 months, altering the appearance. These deposits may also degenerate into small bubbles.
- Failure to comply with the minimum product quantities may lead to delamination within a few months of application.

SAFETY AND CLEANING

When applying these products, it is recommended to use goggles, masks and rubber gloves and all PPE required by current regulations.

After use, tools must be thoroughly cleaned with **DILUENTE 6**.

For more information on precautions for use, please refer to the safety data sheet.



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TECHNICAL DATA		
Colour		Transparent
Specific weight	UNI EN ISO 2811-1	1,05 ± 0,05 Kg/l
Viscosity at 20°C	EN ISO 2555	2000 ± 200 mPa·s
Theoretical consumption		1.2 kg/m ²
Theoretical thickness		850-1150 µm
Non-volatile substances	EN ISO 3251	99 ± 1 % by weight
Impact resistance	EN ISO 6272	10 N·m
Elongation at break	ISO 37	> 220 %
Elastic modulus	ISO 37	> 8 MPa
Tensile strength	ISO 37	> 8 MPa
Shore A hardness	EN ISO 868	80 ± 5
Water absorption 24 h	ASTM D471	0.7% by weight
Water vapour transmission	EN 12086	3000 ± 500 µ
Walkable		
- at +20°C		3 days
- at +15°C		4 days
- at +10°C		5 days
- at +5°C		7 days
- Complete hardening		10 days
Storage		The product in its original sealed packaging, stored in a dry and protected place at temperatures between +5°C and +35°C, can be kept for 12 months.

The data and instructions provided in this data sheet, based on the best practical and laboratory experience, are to be considered indicative in all cases. Given the different conditions of use and the intervention of factors beyond MPM's control (substrate, environmental conditions, technical installation instructions, etc.), anyone intending to use the product is required to determine whether or not it is suitable for the application. Our warranty obligation is limited to the quality and consistency of the finished product for the data reported above, only for technical data sheets accompanied by a stamp and countersignature by authorised personnel at our headquarters. Furthermore, the customer is required to verify that these values are valid for the batch of product of interest and have not been superseded and/or replaced by subsequent editions and/or new formulations. The data contained herein may vary at any time without prior notice from MPM.