



TERMOIMPER TRANSPARENT

TRANSPARENT WATERPROOFING SEALER WITH THERMAL PROPERTIES

DESCRIPTION:

This is a 100% waterproof, transparent and flexible coating with thermal properties, designed for waterproofing roofs and floors, or as a preventive treatment based on 100% next-generation polyurethane.

It forms a membrane resistant to moderate foot traffic and standing water. It protects the substrate from water infiltration and prevents premature degradation due to wear and erosion.

It helps prevent cracking caused by freeze–thaw cycles. It prevents the appearance of stains and efflorescence on the treated surface. It seals cracks and fissures up to 2 mm.

PROPERTIES:

Adheres to all types of substrates: mortar, concrete, tiles and roofs, wood, stone, brick, paving tiles, ceramic, porcelain stoneware, red quarry tile, waterproofing systems in good condition, painted walls in good condition, etc.

A preliminary adhesion test is recommended when applying on vitrified surfaces, polycarbonate, PVC or extruded materials, as some of these substrates may have treatments that affect adhesion.

- * 100% waterproof
- * Water vapour permeable
- * Flexible finish
- * With thermal insulating properties (contains nanospheres)
- * Easy application
- * Transparent (may slightly alter the tone of certain substrates)
- * Satin finish. Walkable (UNE-ES ISO 5470-1:1999)
- * Prevents efflorescence
- * Protects the substrate against stains, mould, algae, etc.
- * Resistant to standing water (up to 5 days)
- * Suitable for indoor and outdoor use
- * Low VOC content
- * High penetration capacity in porous substrates
- * Seals cracks and fissures up to 2 mm
- * Does not yellow or turn white due to moisture or rain
- * Prevents degradation caused by freeze–thaw cycles
- * High resistance and flexibility: designed to withstand extreme conditions, the membrane does not yellow and resists impact, abrasion and weather exposure; water or moisture do not affect its transparency or flexibility
- * Not suitable for tiling or overcoating
- * Does not adhere to polyethylene (PE), polypropylene (PP) and Teflon® (PTFE)
- * Do not apply on damp surfaces

TECHNICAL CHARACTERISTICS:

According to UNE-EN 15824 –

Density (23 °C): 1.00 kg/L

Coverage:

- * Porous roofs (brick, red quarry tile, terraces, stone, etc.) and material protection indoors and outdoors:
1.5 – 2 m²/L (2 cross coats)
3 – 4 m²/L (1 coat)

- * Low-porosity surfaces (ceramic, porcelain stoneware, etc.):
2 – 3 m²/L (2 cross coats)
4 – 5 m²/L (1 coat)

Drying time:

- * Touch dry: 2 h
- * Initial (film formation): 12 h
- * Between coats (recoating): 12 h
- * Full cure: 24 – 48 h
- * Initial rain resistance: from 48 h
- * Resistance to standing water: up to 5 days

Application temperature: +5 °C – +35 °C

APPLICATION METHOD:

Substrate preparation:

The surface to be treated must be sound, perfectly clean, well bonded, not friable, free of cracks greater than 2 mm, and must have adequate mechanical strength in compression and tension.

The substrate must be completely dry (moisture below 5%).

* Completely remove dirt, dust, grease, oils, previous paint residues, efflorescence, fungi, algae and any substance that may impair adhesion

* On difficult substrates, carry out a prior adhesion test (e.g. polyethylene, polypropylene, Teflon®)

* Repair degraded areas using non-shrink repair mortar such as M-REPAR SUELOS

Product preparation:

Stir gently before use. Allow the product to rest for approximately 5 minutes so that any formed bubbles disappear, preventing defects in the membrane.

General application:

Apply undiluted using a brush, short-nap roller or airless sprayer, always checking product consumption (L/m²).

Vertical upstands (approx. 20 cm) must be considered when calculating the application area.

Pay special attention when applying with a roller; ensure the required thickness is achieved.

Lower-than-recommended consumption will lead to premature degradation, while excessive consumption will reduce vapour permeability and may cause swelling and discolouration.

If the surface has cracks or joints larger than 3 mm, seal beforehand using a suitable grout such as M-REJUN PORCELANIC. For expansion joints, use MASITEC FLEX.

Allow sufficient drying time between coats (12 h under normal conditions).

* Application temperature: +5 °C to +35 °C

* Clean tools and splashes immediately with water. Once dry, the product can only be removed mechanically

NOTES:

A walkable surface is intended for maintenance access and pedestrian traffic under normal load.

Not suitable for sports use, children's play areas or vehicular traffic.

Not recommended for heavy-duty traffic areas (shopping centres, public buildings, sports facilities).

Special care must be taken to avoid slipping when the coating is wet due to weather conditions such as heavy rain or snow. To improve slip resistance, TECNODES ANTIDESLIZANTE FINO (0.3 – 0.4 mm) may be applied, although this will alter the transparent finish.

DILUTION AND CLEANING:

Fresh product can be cleaned with paper or water.

Once dry, it can only be removed by mechanical means.

STORAGE:

Store the container tightly closed in a dry place. Protect from moisture and frost. Once opened, reseal using the original lid. Store upside down to maximise shelf life. Approximate shelf life: 2 years.



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