



TERMOIMPER TRANSLUCENT

Translucent thermo-insulating and waterproof coating for skylights and roof lights

Description

High-efficiency thermal insulation, especially designed for skylights, roof lights and light-transmitting surfaces such as glass or glass blocks. It provides protection and a decorative finish through reflex technology, acting as a high-performance solar filter. Its formulation, based on microspheres and reflective pigments, provides excellent flexibility and very low thermal conductivity. It is a self-cleaning material that does not yellow over time and offers high durability and strong resistance to ageing.

This product is ideal as a complementary solution for thermal insulation and waterproofing when used together with our TERMOIMPER, TERMOIMPER CHAPA or TERMOIMPER ANTIGOTERAS systems, particularly in areas with light-transmitting supports such as skylights, roof lights or glass blocks.

It provides excellent adhesion on multiple surfaces such as galvanized sheet metal, aluminium, iron, concrete, PVC or glass. It allows natural light to pass through while reducing solar radiation and glare, preventing ultraviolet radiation from entering the interior. In addition, it acts as thermal insulation and an anti-condensation system by limiting thermal exchange. It is waterproof against rainwater and offers high resistance to hydrolysis and alkaline environments.

Uses

- Waterproofing and thermal insulation of skylights and roof lights made of fiberglass or glass.
- Reduction of ultraviolet radiation indoors.
- Allows natural light to pass through while reducing solar radiation and glare.
- Acts as a solar filter for skylights.
- Excellent adhesion on substrates such as galvanized sheet metal, aluminium, iron, concrete, PVC and glass.

Properties

- High resistance to weathering and UV radiation. Does not yellow.
- Thermal insulation and anti-condensation properties by limiting thermal exchange.
- Waterproof against rainwater.
- High resistance to hydrolysis and alkaline substances.
- Anti-slip surface when powdered quartz is applied on intermediate layers while still fresh.
- Flexible and elastic even at low temperatures.

Technical characteristics

- Recommended coverage: 0.5 – 1 L/m² (depending on the level of opacity or protection required).
- Finish: slightly whitish translucent (allows light transmission).
- Drying time: 2 to 4 hours at 20 °C and 60% relative humidity.
- Film hardness: 65 (Shore A).
- Thinner: water.
- Finish for maximum UV protection: whitish satin.
- Finish for medium UV protection: slightly whitish satin.
- Heat flow test: reduction of up to 69%.
- Solar Reflectance Index (SRI): 81.2%.
- Thermal conductivity: 0.0397 W/m·K (2 coats).
- Thermal reduction: between 3 and 7 °C (2 coats).
- Density: 1.1 kg/L.



Instructions for use

Application can be carried out using a brush, roller, airless system, air mix, spray gun or low-pressure equipment.

Before application, stir the product thoroughly until completely homogeneous.

The substrate must be clean, dry and free from dust, grease or other contaminants.

Apply a first coat of TERMOIMPER TRANSLUCENT and allow it to dry for **18 to 24 hours**. For greater opacity or protection, apply a second coat.

For spray application, dilute approximately **10% with water**. Use a **2 to 2.5 nozzle**. Nozzle pressure: **75 atm**.

Recommended coverage: between **0.5 and 1 L/m²**, depending on the desired level of opacity or protection.

• Thinner: water.

• Do not apply at temperatures below **5 °C** or above **30 °C**, or when rain is expected.

Low temperatures and high humidity may increase drying time, while high temperatures with low humidity will accelerate the process.

Safety

- Keep the container out of reach of children.
- Do not eat, drink or smoke during application.
- In case of contact with eyes, rinse immediately with plenty of clean water.
- Do not dispose of product residues into drains.

Note

This product has been tested for resistance, wet scrub and washability according to **ASTM 2486-89 (Gardner procedure)**. The results comply with the established specifications and therefore it holds a **Quality and Performance Certificate** issued by **GEOCISA** (Report No. 21.002-96-189).

