



TERMOMUR FLEX

Flexible thermal render for interior and exterior use

DESCRIPTION

Ready-to-use render based on acrylic copolymers, geo-perlite and hollow glass microspheres. Its specific structure forms millions of microscopic air cells, providing highly effective thermal insulation against both cold and heat, for indoor and outdoor applications. It offers excellent adhesion to most construction substrates: painted surfaces, tiles, wood, and non-oxidised metals.

On untreated plaster, apply a coat of Tecpint primer beforehand.

On lime-based paints, apply TECPINT CONSOLIDANTE AU SILICATE first.

PROPERTIES

- * Excellent adhesion to most substrates, including surfaces subject to minor structural movement, thanks to its high flexibility.
- * High elasticity, helping to prevent shrinkage cracks.
- * Water- and moisture-resistant.
- * Water vapour permeable.
- * Highly breathable, reducing the risk of condensation.
- * Allows walls to be levelled while providing thermal insulation (interior: covering textured coatings; exterior: façades with rough finishes, etc.).

RECOMMENDED USES

Particularly suitable for:

- * Improving thermal insulation of walls and thermal bridges at slab edges.
- * Treating mould, mildew and condensation problems caused by temperature differences.
- * Enhancing acoustic comfort due to its sound-absorbing properties.
- * Levelling uneven substrates: textured coatings, tiles, stoneware, rough façades.
- * Direct application over tiled surfaces.
- * Poorly insulated walls or walls without cavity insulation (cold in winter, hot in summer).
- * Smoothing textured walls with a "2-in-1" effect: levelling and insulating at the same time.

TECHNICAL DATA

- * Coverage: 1 kg/m²/mm thickness
- * Recoatable: minimum 12 hours
- * Fully cured: 7 days
- * Adhesion: suitable for multiple substrates
- * Colour: White RAL 9008
- * Recommended thickness: 1–5 mm
- * Sandable: after 20–24 hours
- * Thermal conductivity: 0.042 W/mK (at 5 mm)
- * Touch dry: 4–5 hours

SURFACE PREPARATION

The substrate must be clean, dry and free from dust.

Remove all loose or unsound material (flaking paint, mould, moss, etc.).

On chalky or powdery surfaces, brush thoroughly and apply Tecpint Imprímación or Tecpint Primer Gel beforehand.

Cracks should be opened slightly, dust removed, primed with Tecpint Imprímación or Tecpint Primer Gel and then filled with Termomur Flex, ensuring no air pockets remain.

Heavily damaged areas should be repaired with mortar beforehand.

Can be applied over sound existing coatings.

APPLICATION

1. Product ready to use. If necessary, dilute with up to 3% water.
 2. Apply with a special render roller and smooth with a spatula, or apply directly using a trowel. Suitable for spray machines. Do not exceed 5 mm per coat to avoid cracking.
 3. Allow 4–6 hours drying time between coats at 20°C (depending on thickness and humidity).
- Before applying our thermal paints (Tecpint Termic, Tecpint Sol Silicato Termic, Termomper, etc.), sanding with 60–120 grit is recommended. Can also be painted or tiled over.

APPLICATION CONDITIONS

Apply between 5°C and 45°C.

Do not apply in frost conditions, under direct sunlight, strong wind or rain.

Clean tools immediately with water.

Under normal conditions of use, TERMOMUR FLEX is non-toxic and non-flammable.

No special safety measures are required beyond compliance with current regulations.

STORAGE

12 months in original unopened packaging, stored between 5°C and 35°C, protected from weather and moisture.

NOTE

This product has been tested for wet scrub and washability resistance according to ASTM 2486-89 (Gardner method) and meets the required standards. Certified for quality and performance by GEOCISA, Report No. 21.002-96-189.

This technical data sheet is provided for guidance only, based on current knowledge and experience. As application conditions are beyond our control, we cannot accept liability for the results obtained or for any consequences arising from the use of the product.