

THERMOFLEX TRAVERTINO

1. CHARACTERISTICS AND FIELDS OF APPLICATION

THERMOFLEX TRAVERTINO is a high-performance thermo-reflective elastomeric acrylic-siloxane decorative coating representing the evolution of PERFECTO TRAVERTINO. It combines the timeless elegance of the travertine effect with the most advanced passive cooling technologies of the THERMOFLEX line.

The product is designed for the protection, decoration, and energy efficiency improvement of both exterior and interior wall surfaces, ensuring high resistance to weathering, durability, and long-term color stability.

Thanks to the presence of hollow microspheres and high solar reflectance fillers, THERMOFLEX TRAVERTINO reflects a large portion of incident solar energy, reducing surface overheating and contributing to improved indoor comfort and energy savings.

The aesthetic effect reproduces natural travertine stone, with textured finishes, scratches, and smooth/polished surfaces typical of natural materials.

The product can be applied on various substrates such as lime- and cement-based plasters, concrete, thermal insulation systems (ETICS), well-adhered old coatings, and mineral surfaces.

MAIN ADVANTAGES

- Premium natural travertine aesthetic, ideal for modern and classical architecture
- Exclusive textured effect with customizable finishes
- High solar reflectance: cooler surfaces and improved indoor comfort
- Reduction of façade overheating exposed to sunlight
- Contribution to summer energy savings in buildings

- High elasticity: resists substrate movements without cracking
- Anti-crack effect and long-lasting durability
- High breathability: supports natural moisture balance
- High water repellency and weather protection
- Self-cleaning effect: cleaner surfaces over time
- Protection against algae and mold
- Excellent UV resistance
- Applicable on various substrates, including ETICS systems
- Environmentally friendly: water-based, low VOC content

2. COMPOSITION

THERMOFLEX TRAVERTINO is a paste product based on an acrylic-elastomeric emulsion modified with siloxane resins, selected aggregates, hollow microspheres, high solar reflectance fillers, light- and weather-resistant pigments, and specific additives.

3. APPLICATION METHOD

Suitable substrates include lime and/or cement-based surfaces, mixed mortars, concrete, thermal insulation systems, and old coatings, provided they are dry, cohesive, and free from rising damp.

- Apply the first coat of THERMOFLEX TRAVERTINO evenly using a stainless steel trowel, avoiding excess material.
- After complete drying, apply a second coat and immediately work the surface with a sponge roller to obtain the textured effect.
- Then "draw" the smooth areas using a stainless steel trowel.
- After a few minutes, when the product starts to set, proceed with horizontal scratching using a "Japanese" type spatula.
- Once the work is completed, compress and polish the smooth areas with a clean stainless steel trowel.



Emotion with paint ...

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Scheda Tecnica: THERMOFLEX PAINT SP 022. Rev.1 La presente scheda annulla e sostituisce le precedenti

THERMOFLEX TRAVERTINO

- Do not apply on substrates affected by rising damp or water infiltration.

4. DATI TECNICI

SPECIFIC WEIGHT: 1.556 kg/l $\pm 5\%$

FILM APPEARANCE: matte

VISCOSITY (ASTM D2196): 180,000 $\pm$ cps (r7, rpm 10)

DRYING TIME: touch dry: approx. 4 hours at 20°C with rh < 60%, through dry: approx. 48 hours at 20°C with rh < 60%

APPLICATION TEMPERATURE: between 5°C and 30°C

COVERAGE: 0,7 – 0,8 m²/Lt.

WATER VAPOR PERMEABILITY:

class v1, sd < 0.14 m (en 1062-1)

WATER ABSORPTION:

w24 = 0.02 kg/m² h^{0.5} (din 52013)

FIRE RESISTANCE:

euroclass a2 s1 d0 (en 13501-1)

CRACK RESISTANCE (EN 1062-7):

- crack bridging ability: 1600 μ m
- class: a4 (>1.25 mm)
- class: b2

TOTAL SOLAR REFLECTANCE (SR):

0.8031 $\pm$ 0.056 (astm e903-20)

HEMISPHERICAL IR EMISSIVITY (ε):

0.908 (uni en 15976:2011)

SOLAR REFLECTANCE INDEX (SRI):

- 99.3 (low wind)
- 99.5 (medium wind)
- 99.7 (high wind)

PACKAGING: 14 l pp containers

APPLICATION TOOLS: metal trowel and plastic trowel

DILUTION: ready to use

STORAGE: 24 months in sealed containers, protected from temperature fluctuations

HS CODE: 32091000

5. SPECIFICATION ITEM

Decoration and protection of wall surfaces using a thermo-reflective decorative coating with travertine effect, such as THERMOFLEX TRAVERTINO by Spiver S.r.l., based on an acrylic-elastomeric emulsion modified with siloxane resins, selected aggregates, high solar reflectance fillers, light- and weather-resistant pigments, and specific additives.

The application cycle includes:

- one coat of SILOSSANA PRIMER diluted with water
- followed by two coats of THERMOFLEX TRAVERTINO applied with trowel, roller, and spatula to achieve the travertine effect

Price including materials and application, excluding scaffolding: € /m²

Note: The above data may be subject to changes. Spiver S.r.l. assumes no responsibility for negative results due to applications carried out beyond its control or dependent on factors unrelated to product quality.



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