



THERMAL INSULATION AND ANTI-CONDENSATION PAINT - EXTERIOR-INTERIOR -

DESCRIPTION

An elastic, waterproof coating with anti-mould properties, flexible and with good adhesion, formulated from acrylic polymers and free from bituminous products. Particularly suitable as an anti-condensation and thermal insulation coating due to its high content of glass beads and closed-cell expanded perlite. This paint can be used outdoors as a thermal insulator and indoors as an anti-condensation treatment.

ADVANTAGES

- ✓ Anti-condensation.
- ✓ Thermal insulation.
- ✓ Energy saving. The paint reflects up to 82% of heat, which helps to improve indoor thermal comfort and reduce energy consumption.
- ✓ Excellent elasticity on façades, allowing it to cover micro-cracks and small cracks.
- ✓ Excellent adhesion to prevent blistering on substrates such as fibre cement, concrete, bricks, mortar, ceramic tiles, etc.
- ✓ Excellent weather resistance. Withstands exposure to sunlight, cold and rain.
- ✓ Once dry and set, it becomes a fully waterproof and elastic coating.
- ✓ Good resistance to wet abrasion.
- ✓ Breathable, prevents blistering on the wall.
- ✓ Completely waterproof.
- ✓ Maximum resistance to weathering, UV rays and ozone.
- ✓ High resistance to cement alkalis (unsaponifiable), i.e. to aggressive environments.
- ✓ Colours remain unchanged
- ✓ Exceptional resistance to wet abrasion (washability)
- ✓ Wear-resistant
- ✓ Water-repellent (self-cleaning). Self-cleaning means that dirt and dust from the weather are washed away by rain, thus maintaining a clean appearance. Rainwater droplets are not absorbed by the façade; instead, they run down the vertical surface of the façade, and as they do so, they pick up the dirt deposited on the wall and carry it away with them.

- ✓ Up to 10-year warranty on façades.
- ✓ Resistant to microorganisms: contains an anti-mould preservative that protects against the formation of mould, algae and mildew.

RECOMMENDED USES

Particularly suitable for application on façades with micro-cracks and small cracks. As a solution to moisture penetration problems in façades, providing permanent waterproofing. Also suitable for façades heavily exposed to rain. Thermal insulation barrier and, indoors, as an anti-condensation treatment.

PRESENTATION

Colours: White and custom colours on request, D-base and TR-base. Matt finish.
Available in 1 L, 4 L and 13 L sizes.

TECHNICAL CHARACTERISTICS

Composition: Fixed vehicle; rigid and elastic acrylic polymer resins

Additives	Water-repellent waxes.
Pigments	Titanium dioxide and selected extenders.

Density	1.35 ± 0.04 g/ml
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V. Solids	63.60 ± 2%
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Coverage 1–2 m²/L per coat (Approximate, depending on surface requirements).
For filling cracks of 2 to 3 mm. A minimum consumption of 400 g/m² is required

Drying	To the touch 2–3 hours.
Fully dry	24 hours.
Recoating	After 6 hours at 20 °C.

Tests	Reflectance (300 nm<λ<2500 nm) (ASTM 0903-12): 82% Solar Reflectance Index SRI (ASTM 1980-11): 103.2 Thermal resistance (ASTM E1530): 2.52×10 ⁻³ m ² ·K/W Thermal conductivity σ (ASTM E1530): 0.14 W/m*K Thermal emissivity ε (ASTM 1371-15): 0.92+1
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APPLICATION

Layers 2 or more layers, depending required

Dilution 10% for the first coat and subsequent coats.

Application temperature Ambient temperature of 5 to 30 °C.

Application tools Airless spray equipment, brush, paintbrush, roller, etc.
Shake well before use.

SURFACE PREPARATION

New surfaces: must be dust-free, clean, dry and free from salt efflorescence.

Old surfaces: in addition to the above considerations, any paint residue must be removed. When applying to previously painted surfaces, defective and cracked areas must be sanded down, then filled and levelled using the most suitable product from the range of fillers. If the surface is powdery or has significant variations in absorption, apply Acrylic Primer to even out the surface, particularly with intense colours.

CONSERVATION

Easy to homogenise by stirring thoroughly after 12 months' storage in a sealed container. Does not form a skin or clots. Keep away from temperatures below 5°C.

SAFETY

Refer to the label and Safety Data Sheet.

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