



TECPINT TERMIC ECOLOGIC

TECPINT TERMIC ECOLOGIC – ECO-FRIENDLY THERMAL INSULATING PAINT FOR INTERIOR & EXTERIOR USE

DESCRIPTION

Innovation meets technology: thanks to its high concentration of glass and ceramic microspheres, this paint delivers outstanding thermal and acoustic insulation (reducing reverberation noise). Entirely eco-friendly and natural, it is odourless and provides long-lasting insulation that significantly contributes to energy savings. Thermal conductivity: 0.055 W/m·K (microbubble insulating index).

APPLICATIONS

Ideal for walls and ceilings requiring insulation against thermal shock or temperature fluctuations. Recommended for surfaces prone to condensation, as well as those exposed to extreme temperatures or wide thermal swings. Paint today, occupy today: safe for human health, formulated with natural raw materials, free from VOCs, highly breathable, and completely odourless.

KEY FEATURES

Thermal insulation
Energy efficiency
Acoustic insulation
Conceals moisture stains
Prevents growth of bacteria, mould, and fungi
High moisture resistance
Odourless – Zero VOCs
Suitable for interior and exterior
Water-based
Thermal conductivity: 0.055 W/m·K

SURFACE PREPARATION

New surfaces: Remove loose material. Treat mould with water and bleach or sanitise the substrate. Fill cracks, etc.
Previously painted surfaces:
Remove mould with water and bleach.
If coated with distemper: pre-treat or consolidate with TECPINT SILICATE BINDER.
If existing paint is powdery or flaking: remove degraded areas and consolidate with TECPINT SILICATE BINDER.
Final appearance will depend on substrate condition.

APPLICATION

Methods: Roller, brush, or airless spray.
Thinning: Roller/brush: 0–15% as needed, depending on finish and application method.
Airless spray: 10–20% with continuous agitation.
Nozzle: 0.025–0.035 inches. Pressure: 75 bar.
Clean-up: Water.
Coverage: 2–4 m²/litre per coat.
Recoat time: 3 hours at 20°C (6 hours for airless application).
Number of coats: 2–3.
Dry film thickness: 300–500 microns.

COLOUR / FINISH

Available exclusively in white with a subtle textured finish.

PACKAGING

4 L, 7.5 L, and 14 L containers.

RECOMMENDATIONS

Do not wash painted surfaces for at least 20 days. Due to its high microsphere content, the product may be thick—stir thoroughly before use. Maximum thinning: 15%. Can be mixed by hand, though mechanical agitation is recommended.

STORAGE

Shelf life: over 12 months in original, tightly sealed container, stored indoors between 5°C and 45°C, protected from weather exposure.

NOTE

Our technical support team is available to provide further information and advise on the most suitable systems, processes, and products for your specific surfaces, environments, and requirements. This technical data sheet is provided for guidance only, based on our experience and judgment. We cannot be held liable for consequences arising from use beyond our control or outside recommended application conditions.