

THERMO INTERIOR ANTIBACTERIAL



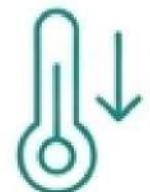
Application Guide & Technical Data

Product Profile

An interior plastic paint formulated with acrylic copolymers, nanotechnology, and silver ions.



Antibacterial: Silver ions resist bacteria and mold growth.



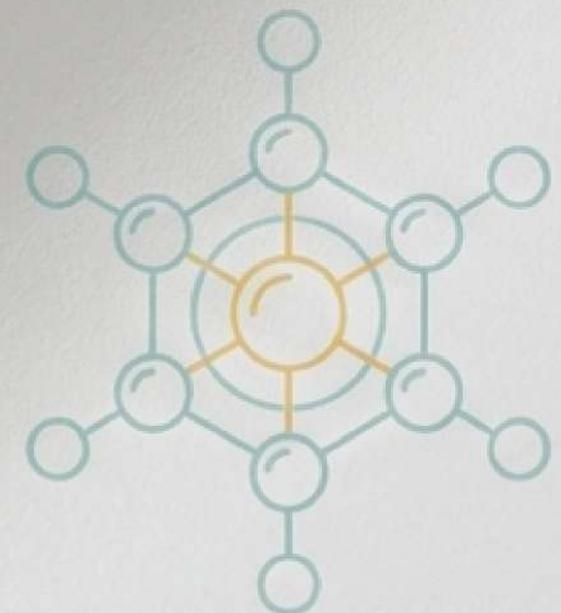
Thermal: Reduces heat transfer (microspheres: 20 μm).



Acoustic: Dampens sound and echo.



Breathable: Class I water vapor permeability.



01 Substrate Preparation

The surface must be clean, free of dust, and completely dry.

- ✓ 1. Polished Surfaces: Sand to open the pore.
- ✓ 2. Biological Contaminants: Remove mold/moss. Clean with water/bleach.
- ✓ 3. Defects: Repair cracks with Thermal Mastic.
- ✓ 4. Adhesion: Apply Suber-Fix on dusty/absorbent surfaces.



Concrete, Cement, Plaster, Plasterboard, Wood, Galvanized Steel, PVC, Ceramic Brick.

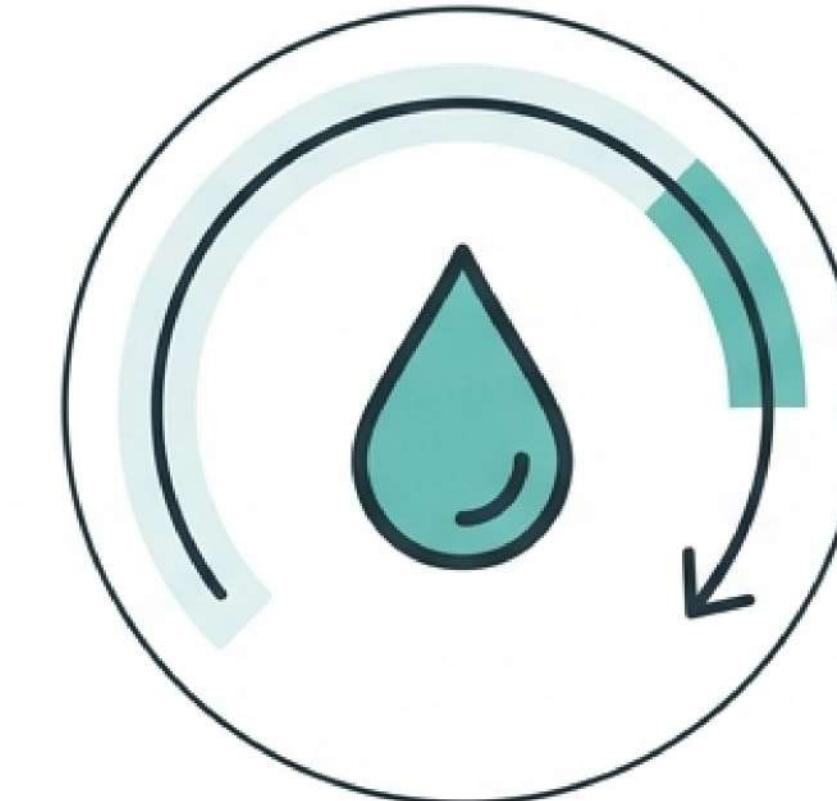
02 | Environmental Conditions



Application Range:
5°C – 45°C



No Frost.
Avoid Direct Sun.
No Rain/Wind.



Avoid excessive water
vapor condensation
during cure.

03 | Mixing & Tools



Preparation

Homogenize thoroughly.

Dilution: Add 8–15% clean water.

Prevent product from drying on container walls to avoid clumps.

Approved Application Tools



Brush



Roller



Suitable Spray Gun

Application Process

2-3

COATS

Apply layers as necessary.

300-500

MICRONS

Target dry film thickness.

4-6

m²/L

Yield per coat.

Total consumption approx 0.35 L/m².

05 | Curing Times

Between Coats

5 – 6 HOURS

Variable based on thickness and humidity.



Clean tools immediately with water.

Technical Specifications

Appearance	Matte silky / White
Density	1.1 kg/L \pm 5%
Viscosity	60,000 cps (Brookfield LTV)
Thermal Conductivity	0.05 W/m.K
Heat Flow Reduction	Up to 79%
Scrub Resistance	Class 2 (Washable)
Fire Response	M1 (Does not spread flame)
Artificial Aging	No change (3000 cycles)

07 | Storage & Safety

Storage



Shelf Life: 2 Years (Sealed).

Open Container: Use within 15 days.

Temp: Store between 5–45°C.
Protect from frost/sun.

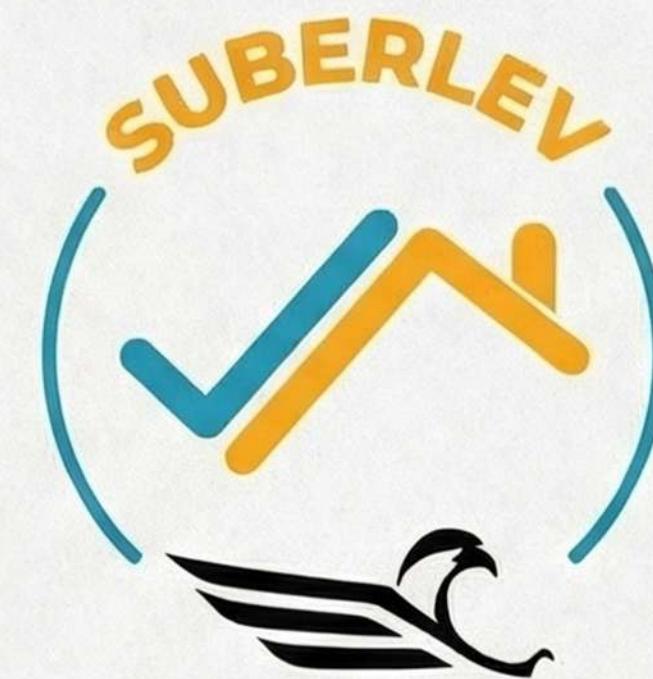
Safety



Keep out of reach of children.

Contains silver ions and
microspheres.

Help Us Help You Innovation in Protection.



The information provided is based on extensive practical experience and laboratory tests.
Practical tests are recommended to ensure compatibility for each specific application.