

Application Instructions / Technical Data Sheet

CAIRCON - Thermo Interior Wall Coating

CAIRCON - Thermo Interior Wall Coating is a high-quality, water-soluble acrylate-based interior wall paint. Its distinctive feature is the inclusion of **reflective ceramic hollow microspheres**.

By reflecting **thermal radiation**, Thermo Interior Wall Coating supports efficient heat distribution within the room. This can contribute to a balanced **indoor climate in both** existing and new buildings. The product creates a comfortable living environment by increasing the perceived surface temperature of the wall. Due to its special composition, the coating offers functional benefits for both summer and winter thermal protection.

For holistic thermal management, we recommend combining this product with our other system components:

- **CAIRCON - Facade Coating** for Exterior Walls
- **CAIRCON - Thermo Roof Coating** for Roof Surfaces
- **CAIRCON - Thermo Floor Coating**

Note: Actual performance depends on the building conditions and user behaviour. The product is not a substitute for structural insulation in accordance with GEG.

Consumption: approx. 5-7 m²/L (non-binding guide value). Consumption depends on the texture and absorbency of the substrate and should be determined by a test coat if necessary.

Check the colour shade for accuracy by applying a test coat BEFORE use - no complaints/exchanges are possible after application. On continuous surfaces, use only colour shades from the same delivery or with an identical batch number. For repairs within a surface, material/tools of the same consistency and batch number must also be used.

Substrate Preparation

Thermo Interior Paint can be applied to all sound, clean, dry, rust-free and grease-free substrates such as metal, wood, plastics, foams, textiles, synthetic fibres, concrete, new and existing render and intact existing coatings. To ensure all thermal properties, the substrate should be vapour-permeable.

- Bare render surfaces and patched render areas: clean, fluate and prime with **CAIRCON - Thermo Primer**.
- First clean heavily soiled wall surfaces **with CAIRCON - Special Cleaner**.
- **Plastic:** check adhesion promotion.
- **Substrates impairing adhesion: wash**, clean with alkaline solution and sand.
- **Absorbent substrates:** prime with **CAIRCON - Thermo Primer**.

If products from third-party manufacturers are used for substrate preparation, their compatibility and a satisfactory final result must be verified by preparing a test area BEFORE coating. No liability can be accepted for proper application results when third-party products are used.

Application

Stir well before application!

Apply by roller, spray (airless sprayer) or brush (China bristle brush). Do not apply below +10°C, at high humidity (after rain) or at temperatures above +30°C. Clean tools with water immediately after use. Paint angles and corners first. Then apply a thin preliminary coat followed by the final coat, working wet-on-wet in cross strokes to achieve maximum coverage.

An optimum thermal insulation effect is achieved only with two coats.

Disposal

Only send containers emptied of residues for recycling. Dried material residues may be disposed of with household waste or as construction-site waste. Deliver liquid residues to a waste paint collection point. Waste code no. EWC 080 111.

Recommended Additional Products

Cleaning	CAIRCON - Etching Solution, CAIRCON - Special Pre-Cleaner
Substrate Preparation	CAIRCON - Thermo Primer
Tools	CAIRCON - Floor Roller, CAIRCON - Paint Brush Set
Similar Products	CAIRCON - Facade Climate Coating, CAIRCON - Thermo Roof Coating, CAIRCON - Thermo Floor Coating

Warning and Safety Information

Hazard pictograms: Not required

Signal word: None

Hazard statements: None

Supplemental hazard information:

EUH208 Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Safety Instructions:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

Precautionary statements - Prevention:

P261 Avoid breathing aerosol.

Precautionary statements - Response:

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P360 Rinse contaminated clothing and skin immediately with plenty of water and then take off the clothing.