

Application Instructions / Technical Data Sheet

CAIRCON - Tile Paint

CAIRCON Tile Paint can be used to visually renovate both wall tiles and floor tiles (in lightly used areas). The paint is particularly suitable for wet rooms and ideal for all surfaces exposed to direct contact with water.

The surface can be redesigned in colour with tile paint, preventing dust formation through abrasion and the penetration of oils, greases and other contamination into the floor. Soiling is easier to remove. Mechanical resistance depends primarily on the strength of the substrate. Due to the low layer thickness, heavier mechanical loads may damage the sealer film; we therefore always recommend applying two coats.

For floor tiles subject to heavier use, instead of 1K tile paint we recommend CAIRCON - 2K Floor Tile Paint.

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.

Step 1. Substrate Preparation

- 1. Cleaning the substrate:** Before coating, the tile surface must be completely free of grease and other soiling. For thorough preliminary cleaning, we recommend using our **Special Cleaner**.
- 2. Sanding:** Improved adhesion of tile paint can be achieved by sanding the surface with fine sandpaper (180-240 grit). Existing coatings should be removed before coating. **Glazed tiles and tiles with a special coating (beading effect) must always be sanded so thoroughly before coating** that this coating is removed without residue, otherwise serious adhesion problems may occur.
- 3.** Before painting, remove old silicone joints at edges if necessary. New, clean silicone can be injected after painting.
- 4. Priming the substrate:** Before application, coat the **substrate with CAIRCON - Tile Primer**.
- 5.** Before painting, remove old silicone joints at edges if necessary. New, clean silicone can be injected after painting.

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.

Step 2. Application

- 1. Application methods:** The material can be applied by brush or roller. For convenient, even application, we recommend using a **CAIRCON Floor Roller**. Always work wet-on-wet for a uniform

appearance. When rolling, apply the material evenly (observe the specified consumption) and back-roll in a cross pattern.

2. **Multi-coat** application: To achieve a sufficient wearing layer and opacity, and because the layer thickness is low, heavier mechanical loads may damage the sealer film; 2 coats are therefore **always recommended**.

Notes:

- Start by painting the edges with a brush to obtain a clean edge. We recommend ordering our Paint Brush **Set for this** purpose (35mm, 50mm, 70mm).
- Use a new roller for each new coat to achieve an even result.
- The surface can be walked on the following day, but full load-bearing **capacity is only reached after approx. 7 days**.
- The coating must not come into contact with water until it is fully cured, in order to avoid white chalking and streaks.

IMPORTANT: Before painting larger areas, always prepare a test area first and check sufficient adhesion and the required colour shade when dry.

Drying Times

Please note: These times apply only at an optimum air temperature of 20-25°C and humidity of 40-60% and may vary if these conditions change.

touch-dry	recoatable	fully cured
6 hours	24 hours	7 days

Technical Data

Optimum Application Conditions	Air temperature: 20-25°C; object temperature > 15°C; relative humidity: 40-60%. Air velocity: min. 0.4 m/s (ensure good ventilation).
Application Conditions	DO NOT apply at temperatures below +15°C or above +25°C, or at humidity above 70%. During drying and subsequent curing of approx. 8 days, the temperature should also not fall below +10°C.
Shelf Life	Approx. 24 months when unopened containers are properly stored at +5°C to +25°C. Protect from frost and moisture.
Areas of Application	Tiles in indoor and outdoor areas.
Consumption	approx. 1L for 5-8m ² per coat. 2 coats are recommended.
Gloss Level	satin gloss

Disposal

When cured, it can be disposed of as construction waste.

Warning and Safety Information

Hazard pictograms: Not required

Signal

word:

None

Supplemental hazard information:

Hazard characteristics:

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

P202 Do not handle until all safety precautions have been read and understood.

Precautionary statements - Response

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

Recommended Additional Products

Cleaning	CAIRCON Special Cleaner
Substrate Preparation	CAIRCON Tile Primer
Tools	CAIRCON Floor Roller, CAIRCON Spiked Roller
Similar Products	CAIRCON 2K Tile Paint (satin gloss or matt)

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