

Application Instructions / Technical Data Sheet

CAIRCON - Tile Primer

Caircon - Tile Primer is a solvent-free special primer based on a polymer dispersion, specially developed to optimise adhesion of **CAIRCON - 1K Tile Paint and CAIRCON - 2K Tile Paint**, as well as other commercially available tile paints. As a bonding bridge on ceramic and mineral substrates such as tiles, the primer improves adhesion. It can be used indoors and outdoors on floors and walls.

Step 1. Substrate Preparation

1. **Cleaning the substrate:** Before applying primer, the tile surface must be completely free of grease and other soiling. We recommend using our **CAIRCON - Special Cleaner** for thorough preliminary cleaning. Sand the surface with fine sandpaper (180-240 grit) for optimum adhesion. Existing coatings must be removed before coating.

2. **Sanding:** Glazed tiles and tiles with a special coating (beading effect) must be thoroughly sanded before coating to ensure that this coating is removed without residue. Otherwise serious adhesion problems may occur. For good adhesion and to prevent paint flaking, we recommend thoroughly sanding all types of tiles.

Step 2. Application

1. **Application:** Stir well before use. Clean firmly adhering, well-preserved existing coatings and first apply a test coat to a small area. Apply undiluted and evenly with a brush, surface brush or roller. Treat the substrate until it is saturated and no longer absorbs primer.

2. If the coatings are compatible, overcoat undiluted. Allow treated surfaces to cure for at least 2 weeks before exposure to very heavy loads.

3. **Cleaning tools:** Clean tools immediately after use with warm water and household cleaner.

IMPORTANT: Do not spray with airless equipment. Do not mix with other products.

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).
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Application Conditions	Do not apply below +5°C.
Shelf Life	Approx. 24 months when unopened containers are properly stored at +5°C to +25°C. Protect from frost and moisture.
Drying Time	at least 12 hours (at 20°C / 50% relative humidity)
Consumption	approx. 5m ² /L
Base	Water- and solvent-free
Suitable	for indoor and outdoor use, walls and floors
Tools	Lambskin roller, foam roller or brush

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.

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:

- **P262** Do not get in eyes, on skin, or on clothing.

Precautionary statements - Response:

- **P306 + P360** IF ON CLOTHING: Immediately rinse contaminated clothing and skin with plenty of water before removing clothes.

Recommended Additional Products

Cleaning	CAIRCON - Special Cleaner
Pretreatment for:	CAIRCON - 1K Tile Paint, CAIRCON - 2K Tile Paint
Tools	CAIRCON - Floor Roller, CAIRCON - Brush Set