

# Application Instructions / Technical Data Sheet

## CAIRCON - Floor Coating Primer

**CAIRCON - Floor Coating Primer** is a solvent-free special primer based on a polymer dispersion for optimising adhesion of **CAIRCON - 2K Epoxy Resin Floor Coating** and **CAIRCON - Floor Coating**, as well as other commercially available coloured floor coatings. The primer acts as a bonding bridge on ceramic and mineral substrates such as screed, concrete or tiles. The primer can be used indoors and outdoors on floors and walls.

### Step 1. Substrate Preparation

1. **Cleaning the substrate:** Check that the substrate is sound and remove loose material. The substrate must be sound, clean, dry, free of grease and firm. First remove all dirt, cement laitance, oxide layers, limescale deposits or release **agents with CAIRCON - Special Cleaner** and wash thoroughly. Heavily soiled, oil-contaminated or new concrete or screed surfaces must additionally be **pretreated with CAIRCON - Etching Solution**. Treatment with our Etching Solution removes stubborn soiling and deposits from new concrete surfaces (lime) and produces a finely roughened surface. For extensive contamination, we recommend shot blasting or, in extreme cases, replacing affected areas.

2. **Pretreatment of cracks and holes:** Completely remove flaking or unsound existing coatings by stripping or sanding. First repair any cracks and holes with **CAIRCON - 2K Epoxy Resin Mortar**. Level unwanted unevenness and slopes with **CAIRCON - Levelling Compound**. Then precoat the floor with **CAIRCON - Floor Coating Primer** for optimised adhesion.

**IMPORTANT: Allow new concrete surfaces to dry out for at least 4-6 weeks before treatment. Mineral substrates (set, dimensionally stable and sound) must be free from friable material and other bond-breaking substances (e.g. rubber abrasion, grease, oils, unsuitable primers, etc.). Substrates must be adequately insulated against rising moisture. Prepare the substrate using suitable measures such as blasting or milling.**

### 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.

### Technical Data

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

**IMPORTANT: Do not spray with airless equipment. Do not mix with other products. Clean tools immediately after use with warm water and household cleaner.**

## 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

<b>Cleaning</b>	<b>CAIRCON</b> Special Cleaner, <b>CAIRCON Etching</b> Solution
<b>Substrate Preparation</b>	<b>CAIRCON</b> 2K Epoxy Resin Mortar, <b>CAIRCON</b> Levelling Compound
<b>Pretreatment for:</b>	<b>CAIRCON</b> Floor Coating, <b>CAIRCON</b> 2K Epoxy Resin Floor Coating
<b>Tools</b>	<b>CAIRCON</b> Floor Roller, <b>CAIRCON</b> Brush Set