

Application Instructions / Technical Data Sheet

CAIRCON - 1K Stone Carpet Primer

CAIRCON - 1K Stone Carpet Primer is the optimum polymer-dispersion-based substrate preparation for your stone carpet. Stone carpet primer acts as a bonding agent, increasing adhesion and durability of stone carpets. Substrate preparation with stone carpet primer prevents the substrate from absorbing the stone carpet binder and ensures that the stones do not detach from the floor even after years.

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.

Cleaning: Depending on the type and degree of contamination, completely remove dirt, cement laitance, oxide layers, limescale deposits or **release agents with either CAIRCON - Special Cleaner or CAIRCON - Special Degreaser** and wash thoroughly.

Additional pretreatment: Heavily soiled, oil-contaminated or new concrete or screed surfaces must additionally be **pretreated with CAIRCON - Etching Solution**. Treatment with W800 removes stubborn soiling and deposits from new concrete surfaces (lime) and produces a finely roughened surface.

For extreme contamination: For extensive contamination, we recommend shot blasting or, in extreme cases, replacing affected areas.

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.

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 - 1K Stone Carpet Primer** for optimised adhesion.

3. **Sanding:** Completely remove flaking or unsound existing coatings by stripping or sanding. Clean firmly adhering, well-preserved existing coatings and first apply a test coat to a small area.

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.

p3. **Cleaning tools:** Clean tools immediately after use with warm water and household cleaner.

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 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	approx. 1-2 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

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

Recommended Additional Products

Cleaning	CAIRCON Special Cleaner, CAIRCON Etching Solution, CAIRCON Special Degreaser
Substrate Preparation	CAIRCON 2K Epoxy Resin Mortar, CAIRCON Levelling Compound
Pretreatment for	CAIRCON Stone Carpet Set (horizontal), CAIRCON Stone Carpet Set (vertical)
Additional Products	CAIRCON Stone Carpet Sealer, CAIRCON Stone Carpet Pore Filler
Tools	CAIRCON Floor Roller, CAIRCON Brush Set

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.

