

Application Instructions / Technical Data Sheet

CAIRCON - 2K Stone Carpet Sealer Colourless

CAIRCON - 2K Stone Carpet Sealer enhances the durability and appearance of stone carpets and is ideal for heavily frequented areas such as stairs. It seals the finest pores, improves surface quality and is abrasion- and impact-resistant. The sealer is primarily suitable for indoor applications, including bathrooms, commercial and residential rooms, while retaining the natural texture of the floor.

IMPORTANT: Outdoors, all epoxy-resin-based stone carpet sealers, including our sealer, may visibly yellow under prolonged UV exposure, particularly on light-coloured stone carpets. For UV-resistant stone carpet installation outdoors, we therefore recommend our 2K stone carpet sealer with UV Protection.

Step 1. Substrate Preparation

1. **Cleaning the substrate:** Before coating, the surface must be completely free of grease and other contamination.

2. **Additional protection:** First level coarse unevenness in the stone carpet with CAIRCON - 2K Stone Carpet Pore Filler. Once CAIRCON - 2K Stone Carpet Pore Filler has dried, CAIRCON - 2K Stone Carpet Sealer can be used for the final surface layer.

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. Mixing Process

1. **Mixing the two components:** First transfer base Component A and Component B into a clean container, ensuring that nothing remains behind; resin and hardener must be fully transferred. **Then mix** thoroughly with a mixer for approximately **2-3 minutes** without exceeding 450 rpm. To ensure an even consistency, repeat this mixing process in a further container. Then distribute the mixture in thin lines and apply it evenly and quickly to make optimum use of the specified working time.

IMPORTANT: Mix at max. 450 revolutions per minute. Do not apply at temperatures above 25°C. Failure to observe these instructions may result in a chemical overreaction: the product will become hot and hard within a very short time. In this event, allow the bucket containing the product to cool before touching it and ensure good ventilation.

2. **Pot life is 60-90 min.** Apply the mixed material within the stated pot life. Material not applied after this time has elapsed can no longer be used and must be disposed of properly.

Step 3. Application

1. **Thin layers:** Apply the sealer in thin, even layers. Applying too thickly can result in uneven drying and suboptimal results.

2. **Tool selection:** Use a suitable squeegee or roller to distribute the sealer evenly. Move the tool gently over the surface to achieve a uniform layer.

Step 4. Care and Cleaning

The cleaner should be free from solvents so that the binder between the pebbles is not loosened. It is essential to note that the floor must not be cleaned during the first 7 days after installation.

Notes:

- The general rule for 2K products is to mix slowly but thoroughly so that no air bubbles form in the mixture. Always transfer into another container during mixing so the hardener mixes properly; otherwise the compound will remain permanently sticky.
- For creating stone carpets on vertical surfaces (e.g. walls, plinths, stair treads), we recommend **CAIRCON - 1K Stone Carpet Binder** for vertical surfaces and **CAIRCON - Stone Carpet Sealer** for vertical surfaces.

Drying Time

For a sealed floor covering, drying time is not the same as curing time. In most cases, the surface can be walked on again after approximately 24 hours, but a stone floor sealed with our product is not fully cured until after approx. 7 days. Wait until complete curing before the first cleaning.

dust-dry	walkable	fully cured
1-2 hours	24 hours	7-9 days

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.

Technical Data

Optimum Application Conditions	Air temperature: 20-25°C; object temperature > 15°C; relative humidity: 40-60%.
Application Conditions	from approx. 6-8°C
Shelf Life	Approx. 24 months when unopened containers are properly stored at +5°C to +25°C. Protect from frost and moisture.
Consumption	approx. 600g/m ²
Tools for Application	Floor wiper, squeegee or short-pile paint roller
Mixing Ratio:	2 parts Comp. A : 1 part Comp. B

Recommended Additional Products:

Substrate Preparation	CAIRCON - Stone Carpet Primer
Additional Sealing	CAIRCON - 2K Stone Carpet Pore Filler, CAIRCON - 2K Stone Carpet Sealer (also available with UV protection)
Similar Products	CAIRCON - Stone Carpet Sealer Vertical

Warning and Safety Information

Component A (Base)

Hazard pictograms:



GHS05
Corrosion



GHS07
Exclamation mark



GHS09
Environment

Component B (Hardener)

Hazard pictograms:



GHS09
Environment



GHS07
Exclamation mark

Signal word: Danger

Hazard statements for health hazards

- **H314** Causes severe skin burns and eye damage.
- **H317** May cause an allergic skin reaction.

Hazard statements for environmental hazards:

- **H411** Toxic to aquatic life with long lasting effects.

Supplemental hazard information: None

Precautionary statements - Prevention:

- **P262** Do not get in eyes, on skin, or on clothing.
- **P280** Wear protective gloves/protective clothing and eye protection/face protection.

Precautionary statements - Response:

- **P303 + P361 + P353** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
- **P305 + P351 + P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- **P333 + P317** If skin irritation or rash occurs: Get medical help.

Precautionary statements - Storage:

- **P402 + P404** Store in a dry place. Store in a closed container.
- **P410 + P412** Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Signal word: Warning

Hazard statements for health hazards:

- **H315** Causes skin irritation.
- **H317** May cause an allergic skin reaction.
- **H319** Causes serious eye irritation.

Hazard statements for environmental hazards:

- **H411** Toxic to aquatic life with long lasting effects.

Supplemental hazard information:

- **EUH205** Contains epoxy constituents. May produce an allergic reaction.

Safety Instructions:

- **P102** Keep out of reach of children.

Precautionary statements - Prevention:

- **P262** Do not get in eyes, on skin, or on clothing.
- **P273** Avoid release to the environment.
- **P280** Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Precautionary statements - Response:

- **P303 + P361 + P353** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- **P305 + P351 + P338** If skin irritation or rash occurs: Get medical advice/attention.
- **P333 + P313** If skin irritation or rash occurs: Get medical advice/attention.
- **P337 + P313** If eye irritation persists: Get medical advice/attention.
- **P391** Collect spillage.

Precautionary statements - Disposal:

- **P501** Dispose of contents/container through an appropriate recycling or waste disposal facility.