

Processing instructions / Technical data sheet

CAIRCON - Roof paint

This paint is a water-soluble, air-drying roof coating based on an acrylic mixed polymer dispersion. This coating is versatile, has a silky gloss finish and is very hard-wearing. It is suitable for various substrates such as (poured) concrete, stone, brick, metal and wood. Possible areas of application include trapezoidal or corrugated sheet metal roofs, hall roofs, tiled roofs and concrete roofs.

Check the color shade for color accuracy by applying a test coat BEFORE use - no complaints/exchanges possible after use! On contiguous surfaces, only use colors from the same delivery or with identical batch numbers! Material/tools with the same consistency and batch number must also be used when touching up the surface.

Step 1: Substrate preparation

- 1. Cleaning the substrate:** Check the substrate for suitability and adhesion and remove any loose pieces. The substrate must be sound, clean, dry, grease-free and firm. Remove all dirt, cement slurry, oxide layers, limescale deposits or separating agents with **CAIRCON - Special pre-cleaner** and wash thoroughly. Heavily soiled, oil-contaminated or new concrete or screed surfaces must also be treated with the **CAIRCON Acid etching** to remove stubborn dirt and micro-roughen the surface.
- 2. Sanding:** To achieve the best result, we strongly recommend sanding the substrate well before coating. You can use a sanding machine or 240-280 grit sandpaper for this.
- 3. Treatment of cracks and holes:** Repair existing cracks and holes with **CAIRCON Leveling floor compound**.
- 4. Priming the substrate:** For colored coatings with this paint, it is recommended to pre-coat the surface with **CAIRCON - Roof tile primer** to optimize adhesion.

If third-party products are used to prepare the substrate, their compatibility and the perfect final result must be checked by applying a test surface BEFORE coating. If third-party products are used, no liability can be accepted for a proper application result.

Notes:

- **Drying new concrete surfaces:** Allow new concrete surfaces to dry for **at least 4-6 weeks** before treatment. Mineral substrates must be free of sanding particles and other substances with a separating effect. Insulate the substrates sufficiently against soil moisture and prepare them with suitable measures such as blasting or milling.
- **Treatment of old coatings:** Remove peeling or unsound old coats completely by stripping or sanding. Old coats that adhere well and are in good condition should be cleaned and a test coat applied to a small area first. Paint over the surfaces undiluted if the coatings are compatible with each other.

Step 2: Processing

Stir well before use!

1. The material can be brushed, rolled or sprayed. For convenient and even application, we recommend using a **CAIRCON floor roller**. Always work fresh on fresh for a uniform appearance. Apply the material evenly (stick to the specified material consumption) and roll in a crosswise motion.

2. **2 layers** are recommended to achieve a sufficient wear layer and coverage. The 2nd coat can be applied **after 24 hours**. In order not to damage an existing coating with footprints when applying the second coat, or to be able to move freely on the already coated surface during application, the use of special **CAIRCON nail soles** is recommended. These leave no visible traces in coatings that are still wet.

3. Tools should be cleaned with water immediately after use. It is recommended to paint angles and corners first, then apply a thin primer coat and then apply the final coat. The paint should be applied crosswise wet-on-wet to achieve the best coverage.

Notes:

- Start by painting the edges with a **brush** to obtain a clean edge. We recommend ordering our **CAIRCON paintbrush set** (35mm, 50mm, 70mm).
- Use a new roller for each new coat to achieve an even result.
- The coating must not come into contact with water until it is fully cured in order to avoid white chalking and streaks. These can be neutralized with vinegar essence.
- **PLEASE NOTE:** When using on chipboard, OSB or MDF boards and similar materials as well as on floors previously treated with other coatings, first apply a test coat of the paint to a suitable area and check for correct curing and adhesion after complete drying.

Drying time

Non-slip	2nd layer	Full dehydration
Approx. 6 hours	After 24 hours	After 7-9 days

Please note that these times only apply at an optimum air temperature of 20-25°C and humidity of 40-60% and may vary in the event of changes.

Technical data

Processing conditions	Do NOT apply at temperatures below +10°C / above +25°C and humidity above 70%. The temperature should also not fall below +10°C during drying and subsequent curing of approx. 8 days.
Optimal processing conditions	Air temperature: 20-25°C; object temperature > 15°C; relative humidity: 40-60%. Air velocity: min. 0.4 m/s (ensure good ventilation).
Yield	Approx. 5-8 sqm/liter per coat. 2 coats are recommended.
Dilution	The paint is ready to use and therefore does not require thinning. If dilution is still required, dilute with up to 10% water.

Shelf life	Approx. 24 months if stored properly from +5°C to +25°C in unopened containers. Protect from frost and moisture.
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Disposal:

Only dispose of empty containers for recycling. Dried material residues can be disposed of with household waste or as construction site waste. Dispose of liquid residues at a collection point for old paints. Waste code no. EWC 080 111.

Safety and protective measures

P102 Keep out of the reach of children.

P280 Wear protective gloves and clothing.

P302+P352 After contact with skin: Wash with plenty of soap and water.

P333+P313 If skin irritation or rash occurs: Get medical advice / attention.

P501 Dispose of contents / container to hazardous or special waste collection point.

EUH208 Contains 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one 3:1 May produce an allergic reaction.

EUH210 Safety data sheet available on request.

Recommended additional products

Cleaning	CAIRCON - Acid etching, CAIRCON - Special pre-cleaner
Substrate preparation	CAIRCON - Roof tile primer, CAIRCON - Leveling floor compound
Tools	CAIRCON floor roller, CAIRCON brush set, CAIRCON nail soles
Similar products	CAIRCON - Roof paint MATT, CAIRCON - Nano facade paint, CAIRCON - Floor paint, CAIRCON - Tile paint, CAIRCON - Wood paint