

Processing instructions / Technical data sheet

CAIRCON - Nano facade paint

Nano Facade Paint is used to beautify exterior facades without odor nuisance and toxic fumes. It works on the same principle as lotus leaves in nature: the paint forms a highly water-repellent surface. Water droplets roll over this surface, which remains dry, but without wetting it. In the process, the water droplets pick up loosely adhering dirt.

Façades painted with this product are always cleaned naturally by the rain without any harmful substances due to raindrops running off. In this way, facades painted with this paint remain dry and attractive for a long time.

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: Surface preparation

1. Cleaning the surface: Check the surface for suitability and adhesion and remove any loose pieces. The surface 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 should also be treated with the **CAIRCON Acid etching** to remove stubborn dirt and micro-roughen the surface.

2. Priming the surface: For colored coatings with the paint, it is recommended to pre-coat the floor with **CAIRCON Special primer for facade nanopaint** to optimize adhesion.

If third-party products are used to prepare the surface, 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 surfaces must be free of sanding particles and other substances with a separating effect. Insulate the surfaces 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 An optimum beading effect is **only achieved by applying two coats**. The 2nd coat can be applied **after 24 hours**.

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 layers 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.

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

Keep out of the reach of children. Store in a dry, tightly closed and cool place, but not below +5°C. The usual protective measures must also be observed when using low-pollutant paints and varnishes. In case of contact with eyes or skin, rinse immediately with water. When sanding or spraying, do not inhale dust, spray and paint mist - wear a protective mask. Do not allow to enter drains and dispose of this product and its container as hazardous waste. If swallowed, seek medical advice immediately and show this container or label. Obtain special instructions / consult safety data sheet. Keep away from naked flames and heat.

Recommended additional products

Cleaning	CAIRCON - Acid etching, CAIRCON - Special pre-cleaner
Surface preparation	CAIRCON - Special primer for facade nanopaint
Tools	CAIRCON floor roller, CAIRCON paint brush set
Similar products	CAIRCON - Floor paint, CAIRCON - Tile paint, CAIRCON - Wood paint

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