

Processing instructions / Technical data sheet

CAIRCON - Special primer for facade nanopaint

This is a special primer that is ideal for deep priming porous, absorbent and sandy surfaces. These include various types of plaster, gypsum plasterboard and plasterboard, sand-lime brick, brick and hard fire bricks, concrete and aerated concrete as well as slightly chalky but stable old coats of paint. This primer strengthens the surface, evens out differences in absorbency and is permeable to water vapor. It is therefore ideal as a primer for a subsequent coating with **CAIRCON - Nano Facade Paint**.

Step 1: Surface preparation

1. **Cleaning the surface:** Check the adhesion of the surface and remove any loose pieces. The surface must be sound, clean, dry, grease-free and firm. First remove all dirt, cement slurry, oxide layers, limescale deposits or separating agents with **CAIRCON - Special pre-cleaner** and wash off thoroughly. Heavily soiled, oil-contaminated or new concrete or screed surfaces must also be pretreated with **CAIRCON Acid etching**. Treatment with the acid removes stubborn soiling and secretions from new concrete surfaces (lime) and roughens the surface microfine. In the case of extensive soiling, we recommend shot blasting or, in extreme cases, replacing the affected surfaces.

IMPORTANT: Allow new concrete surfaces to dry for at least 4-6 weeks before treatment. Mineral surfaces (set, dimensionally stable and load-bearing) must be free of sanding particles and other substances with a separating effect (e.g. rubber abrasion, grease, oils, unsuitable primers, etc.). The surfaces must be sufficiently insulated against ground moisture. Prepare the surface using suitable measures, e.g. blasting or milling.

Step 2: Processing

1. **Application:** Stir well before use. Clean firmly adhering old coats in good condition and apply a test coat to a small area first. Apply evenly and undiluted with a brush, paintbrush or roller. The surface must be treated until it is saturated and no longer absorbs any primer.

2. If the coatings are compatible, paint over undiluted. Allow treated surfaces to cure for at least 2 weeks before subjecting them to very heavy loads.

3. **Cleaning the tool:** Clean the tools immediately after use with warm water and household cleaner.

Technical data

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).
Processing conditions	Do not use below +5°C.
Shelf life	Approx. 24 months if stored properly from +5°C to +25°C in unopened containers. Protect from frost and moisture.

Drying time	Approx. 10-12 hours (at 20°C / 50% relative humidity)
Consumption	Approx. 6-8m ² /L
Base	Water- and solvent-free
Suitable	For indoors and outdoors, walls and floors
Tools	Lambskin roller, foam roller or brush

IMPORTANT: Do not spray with an airless device. Must not be mixed with other products. Clean tools immediately after use with warm water and household cleaner.

Safety and protective measures

Keep out of the reach of children. Store dry, well sealed and cool, but not below +5°C. Ensure sufficient stability during transportation. The usual protective measures must also be observed when using low-pollutant paint and varnish. Ensure adequate ventilation during processing and drying. In case of contact with eyes or skin, rinse immediately with plenty of water. Do not allow to enter drains, waterways or soil. Only dispose of empty containers for recycling.

Recommended additional products

Cleaning	CAIRCON Special pre-cleaner, CAIRCON Acid etching
Pre-treatment for:	CAIRCON - Nano facade paint
Tools	CAIRCON floor roller, CAIRCON brush set

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