

Processing instructions / Technical data sheet

CAIRCON - Floor paint

Floor paint is a water-based, air-drying, heavy-duty floor coating based on acrylate mixed polymer dispersion. The coating can be used universally. This paint produces a silky gloss and is highly resilient. The coating surface is easy to clean, abrasion-resistant and resistant to most oils.

Check the color shade for color accuracy by applying a test coat BEFORE use - no complaints/exchanges possible after use! Only use colors from the same delivery or with identical batch numbers on contiguous surfaces! 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 slurries, oxide layers, limescale deposits or separating agents with the **CAIRCON Special pre-cleaner** and rinse 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. Sanding: To achieve the best result, we strongly recommend sanding the surface 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 the **CAIRCON Leveling floor compound**.

4. Priming the surface: For colored coatings with this paint, it is recommended to pre-coat the floor with **CAIRCON Floor primer** 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:

- This paint can be used on (poured) concrete, metal and wooden surfaces. Areas of application are e.g. machine halls, cellars, etc.
- For garages and other floors with heavy traffic, we recommend our **CAIRCON - 2 Pack floor paint** instead of this paint due to its significantly higher durability.
- **NOT SUITABLE FOR:** Asphalt floors and some chemically compacted concrete floors.
- **IMPORTANT:** New concrete floors must be **at least 6 weeks** old when coating.

Step 2: Processing

Stir well before use!

1. Application methods: The material can be brushed, rolled or sprayed. For a 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. Multi-coat application: 2 coats 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 marks in coatings that are still wet.

3. slip resistance: To make the surface more slip-resistant, we recommend using **CAIRCON Silicate-based anti-slip agent**. Sprinkle the desired amount into the last layer of the paint and, if necessary, apply a very thin layer of the paint on top.

4. Top coat: For increased resistance to plasticizers from car tires, coat the floor with **CAIRCON Acrylic sealant** 24 hours after applying the last coat of the paint.

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 surface can be walked on the next day, but full load-bearing capacity is **only achieved after approx. 7-9 days**.
- 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 W700 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.
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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

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
Surface preparation	CAIRCON - Floor primer, CAIRCON - Leveling floor compound
Additional sealing	CAIRCON - Acrylic sealant, CAIRCON - Silicate-based anti-slip agent
Tools	CAIRCON nail soles, CAIRCON floor roller, CAIRCON brush set
Similar products	CAIRCON - 2 Pack floor paint, CAIRCON - Tile paint, CAIRCON - Wood paint, CAIRCON - Nano facade paint