

Processing instructions / Technical data sheet

CAIRCON - Paint for wooden windows and doors

The paint is an air-drying, highly durable, solvent-based coating that has been specially developed for wooden and PVC windows and doors and their frames. This semi-gloss coating is characterized by its high load-bearing capacity. It is UV-resistant, easy to clean and abrasion-resistant, which ensures long-term color stability, easy maintenance and a hard-wearing surface.

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 surface to be coated must be free of dust, oil and grease. We recommend cleaning the surface thoroughly with **CAIRCON - Special pre-cleaner** to remove all dirt before coating.
- 2. Sanding:** It is essential to sand both wood and plastic substrates before coating. When sanding, you should proceed from coarse to fine, for example, first sand with 120 grit and then with 180 grit. A sander, such as a random orbital sander, is also suitable for large surfaces.
- 3. Protective and covering measures:** First remove the door fittings and cover the surrounding surfaces with painter's tarpaulin. Then tape the edges of the glass surfaces and all silicone joints on the window with masking tape. **However, make sure that you remove the masking tape while the paint is still wet so that the paint does not bond with the masking tape and damage it during removal.** Use new masking tape for each coat of paint. For better working comfort, it is advisable to unhinge a door and place it on two work trestles.
- 4.** Any existing old coatings should ideally be removed before painting or at least checked for load-bearing capacity and compatibility with the paint.

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.

Step 2: Processing

- 1. Application methods:** the paint can be applied by brush, roller or airless sprayer. For a convenient and even application, we recommend the use of a **CAIRCON roller, CAIRCON brush set**. For a uniform appearance, always work fresh in fresh. When rolling, apply the material evenly (adhere to the specified material consumption) and re-roll crosswise. Stir well before use.

Important: Before painting larger areas, please always create a test area first and check adhesion / desired color shade when dry.

- 2. Multi-coat application:** To avoid structural defects, the top coat should not be worked on afterwards. The coat should result in a self-contained, homogeneous layer of paint without blowholes and imperfections. Do not use on synthetic resin coated surfaces! Always work wet-on-wet to avoid build-up.
- 3. Thinning:** the paint is ready to use and therefore does not require thinning.

4. Ambient conditions: The ambient temperature should be at least +8°C, otherwise film formation may be impaired. This is also the case with higher humidity (over 80 %). A dry and warm environment is therefore ideal.

Step 3: Cleaning the tools

Clean any soiled objects with brush cleaner and nitro thinner.

Drying time

Please note: 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.

Paintable	Fully cured
After 24 hours	7-10 days (do not rework the surface during this time due to wrinkling)

Technical data

Gloss level	Silky gloss
Composition	Alkyd resin, solvents, fillers, pigments, additives
Consumption	Approx. 5-8qm/liter per coat (double coat recommended)
Areas of application	Wood and plastic for exterior and interior use
Processing	With roller, brush or sprayer
Processing temperature	Do not apply at temperatures below +8° and above +25°C ideal 15-20°C
Shelf life	Approx. 24 months if stored properly from +5°C to +25°C in unopened containers. Protect from frost and moisture.

Waste disposal

Only dispose of empty containers for recycling

Safety note

H226 Flammable liquid and vapor.

H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

P102 Keep out of the reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not smoke.

P271 Use only outdoors or in a well-ventilated area.

303+P361+P353 In case of contact with skin [or hair]: Take off immediately all contaminated clothing.

Wash skin with water or shower.

P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing

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



Recommended additional products

Cleaning	CAIRCON - Special pre-cleaner
Tools	CAIRCON - Floor roller, CAIRCON - Brush set
Similar products	CAIRCON - Metal protection paint 4in1 Matt, CAIRCON - Metal paint

