

Application Instructions / Technical Data Sheet

CAIRCON - Radiator Paint

CAIRCON Radiator Paint is ideal as an intermediate and final coating for primed radiators and pipework indoors. This paint is resistant and dries quickly. It offers excellent resistance to yellowing on hot-water heating systems below 60°C. The radiator paint provides good opacity and high edge coverage. It is also resistant to standard household cleaners and, for short periods, to weak acids and alkalis.

Check colour accuracy with a test coat BEFORE application; no complaints or exchanges are possible after application. On continuous surfaces, use only colours from the same delivery or with an identical batch number. Repairs to a surface must also use material and tools with the same consistency and batch number.

Application

Substrate preparation:

- For thorough pre-cleaning, we recommend using our CAIRCON **Special Degreaser**. It reliably removes grease, oil and other contaminants to improve coating adhesion.
- Ensure that the surface is dry, clean, sound and free from salt, grease, glue and wax.
- Remove or sand away loose coatings.
- Mechanically remove rust, mill scale, scale and welding residues until a metallic glossy surface is visible.

If third-party products are used for substrate preparation, verify their compatibility and a satisfactory final result by preparing a test area BEFORE coating. When third-party products are used, no liability can be accepted for a proper application result.

Application information:

- Do not apply or dry the product at temperatures below +5°C or relative humidity above 80%.
- Apply a test coat before the actual application.

Coats:

- Two coats are **recommended**.
- Before the first coat and, if necessary, before the second coat (if fibres have risen), carry out intermediate sanding with fine sandpaper.

Applying the paint:

Apply the paint as supplied using an acrylic brush or a short-pile nylon roller. Apply **the coating only to a COLD radiator**.

Drying times

Please note: these times apply only at an optimum air temperature of 20-25°C and humidity of 40-60% and may vary when these conditions change.

dust dry	recoatable	fully cured
1-2 hours	8 hours	14 days (do not recoat the surface during this time because of wrinkle formation)

Technical data

Gloss level	satin gloss
Composition	Binder base: acrylate copolymer. Pigments: highly lightfast and weather-resistant pigments and extenders
Flash point	above >100°C
Coverage	approx. 5-8 m ² /L per coat (two coats recommended)
Areas of application	Radiators in interior areas
Application	with roller or brush
Application temperature	also at low temperatures from +5°C; ideal 15-23°C
Shelf life	approx. 24 months when unopened containers are properly stored at +5°C to +25°C. Protect from frost and moisture.

Disposal

Only recycle completely empty containers. In liquid state, the products are hazardous to water and must therefore not enter waterways. Do not allow to enter drains. Empty containers completely. Product residues that are still liquid must be delivered to the local waste paint/varnish collection point or disposed of in accordance with local regulations.

Storage and labelling in accordance with the Hazardous Substances Ordinance / BetrSichV:

approx. 24 months when unopened containers are properly stored at +5°C to +25°C. Protect from heat, frost and moisture. Keep away from children, heat and open flames. Close paint containers tightly when not in use to prevent curing. Further labelling under the currently applicable hazardous substances regulations can be found in the associated safety data sheets and labels.

Recommended additional products

Cleaning	CAIRCON Etching Solution, CAIRCON Special Degreaser
Tools	CAIRCON Paint Brush Set, CAIRCON Floor Roller
Similar products	CAIRCON Hammer Finish Paint, CAIRCON Metal protection paint 4in1, CAIRCON Boat/Yacht Varnish

Warnings and safety information

Hazard pictograms: Not required

Signal word: None

Supplemental hazard statements:

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

