

 Stir into gauging water/mix Application	 3–5 % of binder weight Dosage	 min. 2 years (dry) Shelf life	 cement-, light- & weather-fast Resistance	 Inorganic powder almost insoluble in water
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Always determine the exact colouration with a sample — it depends on the mix used (cement, sand).

CAIRCON Iron oxide pigments consist of ground, purified and sorted synthetic and pure iron oxide pigments. The oxide colours are cement-resistant and suitable for colouring cement, concrete and jointing compounds as well as for colouring oil, glue, lime and emulsion paints. The pigments are fine colour carriers, almost insoluble in solvents and binders, in the form of small crystals: inorganic, with a high pigment content, chemically resistant, light-, water- and weather-fast and non-toxic.

IMPORTANT — CHECK COLOURATION BEFOREHAND: The exact colouration can only be determined with a sample, as it depends on the mix used (cement, sand). Before colouring larger quantities, make a test sample and let it set/dry.

1 · DOSAGE & COLOURING

1	Dose The pigments are sealed in a protective bag. Usual dosage: approx. 3–5 % of the volume or binder weight. With 100 g of powder colour, at approx. 2 cm layer thickness about 0.2–0.5 m ² can be through-coloured.
2	Introduce To colour, add the colour pigment to the mix when mixing the concrete and stir in evenly until a homogeneous colour is obtained.

2 · TEST SAMPLE

3	Make a sample Before colouring larger quantities, make a test sample with the actual mix and check the colour once set/dry.
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CHECK THE SAMPLE: The final colour only appears after setting/drying and varies with the cement and sand content — judge the shade only on the dried test sample.

TROCKENZEITEN

3–5 % OF BINDER WEIGHT	0.2–0.5 m² PER 100 G (at 2 cm layer)	min. 2 years SHELF LIFE, DRY
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Coverage and colour depth depend strongly on the mix, layer thickness and water content.

Stored dry, the powder keeps for at least 2 years.

PRODUCT DATA (GUIDE VALUES)

Type	synthetic and pure iron oxide pigments (inorganic powder)
Properties	high pigment content · cement-resistant · chemically resistant · light-, water- and weather-fast · non-toxic
Field of use	colouring cement, concrete and jointing compounds · oil, glue, lime and emulsion paints
Dosage	approx. 3–5 % of volume/binder weight
Coverage	approx. 0.2–0.5 m ² per 100 g at approx. 2 cm layer thickness
Shelf life	at least 2 years when stored dry

All data are non-binding guide values and depend on substrate, tool and ambient conditions — no assured properties.

RECOMMENDED COMPLEMENTARY PRODUCTS

Cleaning	Etching solution · Special pre-cleaner
Substrate preparation	Epoxy primer · Levelling compound
Tools	Spiked overshoes · Floor roller · Paintbrush set
Similar products	Floor coating · Tile paint · Wood paint · Nano façade paint

SAFETY & DISPOSAL

Labelling	no hazard pictograms · no signal word — non-toxic per the original, not subject to labelling under CLP
General caution	Use only in well-ventilated rooms. Wear protective clothing, protective gloves and face/eye protection (safety goggles). Avoid skin and eye contact; in case of contact, rinse immediately with plenty of water, and in case of eye contact see a doctor immediately.
P101 / P102	If medical advice is needed, have product container or label at hand. Keep out of reach of children.
Environment & disposal	Do not allow to enter the sewer undiluted. Give completely emptied containers for recycling; dispose of powder residues via household waste or in accordance with local regulations. No specific waste code stated in the original (presumably EWC 08 01 12, non-hazardous).
Binding source	The label and safety data sheet CAIRCON Iron oxide pigments apply. Emergency: Poison Information Centre Erfurt, 24 h: +49 361 730730.