

Etching solution

Acidic pre-treatment (contains hydrochloric acid) · cleans & micro-roughens concrete/screed · improves the adhesion of subsequent coatings

 Sprayer · Watering can · Broom Application (undiluted)	 max. 10 m² per working step	 approx. 20 min dwell time	 Rinse off with water rinse thoroughly	 +5 to +25 °C storage, frost-free
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WARNING corrosive (GHS05, hydrochloric acid, H314): wear protective gloves and eye/face protection; do not treat more than 10 m² at a time (vapours). Full labelling on page 2.

CAIRCON Etching solution prepares the substrate for subsequent coating with **Floor coating** or **2K Epoxy floor coating** as well as other CAIRCON coating products. The pre-treatment removes stubborn dirt, oil residues and secretions of new concrete surfaces (lime) and produces a micro-fine roughness of the surface, considerably improving adhesion.

IMPORTANT – CORROSIVE ACID, WEAR PROTECTION: Etching solution contains hydrochloric acid and causes severe skin burns and serious eye damage (H314). Wear protective gloves and eye and face protection, avoid contact with skin, eyes and clothing and ensure good ventilation. Do not treat more than 10 m² at a time in order to minimise the formation of harmful vapours.

1 · APPLICATION

1	Prepare the substrate Make sure the substrate is sound, clean, dry and free of grease. Clean it thoroughly beforehand with the Special cleaner .
2	Apply the etching solution Apply the etching solution undiluted and evenly to the floor (a sprayer or watering can with rose head is recommended). Wear protective gloves and eye/face protection.
3	Spread Spread the product evenly with a coarse broom to work on stains and loosen them from the substrate. Do not treat more than 10 m ² at a time.
4	Let act & rinse off Allow the etching solution to act for approx. 20 minutes and then rinse it off thoroughly with water.

ONLY ON ACID-RESISTANT SUBSTRATES: Check compatibility beforehand in an inconspicuous spot. After the dwell time, rinse thoroughly with water and allow the substrate to dry completely before the follow-up coating.

TROCKENZEITEN

approx. 20 min

DWELL

After the dwell time, rinse off thoroughly with water.

Allow the substrate to dry completely before the follow-up coating.

PRODUCT DATA (GUIDE VALUES)

Base	acidic solution containing hydrochloric acid
Application	acidic pre-treatment of concrete, screed and similar before CAIRCON coatings
Application method	undiluted · sprayer / watering can with rose head · coarse broom
Coverage	max. 10 m ² per working step (minimise vapours)
Dwell time	approx. 20 minutes, then rinse off thoroughly
Storage	approx. 24 months unopened at +5 to +25 °C, protected from frost and moisture · keep away from children, heat and open flames

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

RECOMMENDED COMPLEMENTARY PRODUCTS

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

SAFETY & DISPOSAL

Labelling	GHS05 (corrosive) · signal word Danger — subject to labelling under CLP. Hazard-determining component: hydrochloric acid.
H314	Causes severe skin burns and eye damage.
P280 (added)	Wear protective gloves / protective clothing / eye protection / face protection.
P260 / P262 (added)	Do not breathe vapour / spray. Do not get in eyes, on skin, or on clothing.
P301+P310 / P305+P351+P338	IF SWALLOWED: Immediately call a doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P303+P361+P353 / P306+P360	IF ON SKIN (or hair) or on clothing: Take off immediately all contaminated clothing, wash skin with plenty of water/shower.
P333+P313 / P337+P313 / P102 / P501	If skin irritation or rash occurs / if eye irritation persists: Get medical advice/attention. Keep out of reach of children. Dispose of contents/container to a suitable disposal facility.
Environment & disposal	Hazardous waste — dispose of as special waste via the hazardous-waste collection point; not into the sewer. Suitable waste code for hydrochloric acid solution e.g. EWC 06 01 02* (hydrochloric acid).
Binding source	Label and safety data sheet CAIRCON Etching solution. Emergency: Poison Information Centre Erfurt, 24 h: +49 361 730730.