



CR-20

1

CONCRETE REMOVER

Product Description:

CR-20 is a fast-acting, non-fuming, acid-based cleaner formulated for the removal of hardened cementitious residues. It dissolves and softens concrete, cement, mortar, grout, lime and other calcium-based deposits. CR-20 contains surfactants to improve wetting and cleaning performance, together with a chelating component to assist in the dissolution of calcium-based deposits. Suitable for cleaning concrete mixers, trucks, construction tools, trowels, equipment and other **acid-resistant surfaces** contaminated with cementitious materials.

Key Features & Benefits:

- Fast-acting cement and concrete remover
- Non-fuming acid formulation
- Effective on hardened cementitious residues
- Removes concrete, mortar, grout and lime deposits
- Excellent wetting and surface penetration
- Surfactant-assisted cleaning action
- Suitable for brush, spray and foam application
- Can be followed by pressure washing
- Suitable for compatible acid-resistant equipment and surfaces.

Areas Of Application:

CR-20 is suitable for removing cementitious contamination from:

- Concrete equipment
- Concrete mixers
- Concrete trucks
- Construction tools
- Trowels
- Cement-handling equipment
- Construction machinery
- Suitable steel equipment, subject to compatibility testing
- Other hard, acid-resistant surfaces contaminated with cement or mortar

Surface Preparation:

- Remove loose concrete, mortar, and cement deposits mechanically where possible.
- The surface should preferably be dry before application to maximize product concentration and contact with the deposit.
- Protect adjacent surfaces that may be sensitive to acids.
- Always conduct a small-area compatibility test before full-scale application..



CR-20

2

Mixing Instructions:

CR-20 is supplied ready to use.

Application: Undiluted.

Do not mix CR-20 with chlorine/bleach, hypochlorite, alkaline cleaners, other acids, or other chemical products

Application Guidelines:

- Apply CR-20 directly onto the hardened cementitious deposit using a brush, low-pressure spray, suitable foaming equipment, or other acid-resistant application equipment.
- Apply sufficient product to completely wet the contaminated area.
- Do not allow the product to dry during the reaction period.
- Allow approximately 15–30 minutes of contact time.
- Agitate the softened deposit using a stiff plastic brush, non-metallic scrub pad, or suitable mechanical brushing equipment.
- Thoroughly rinse with clean water. Pressure washing may be used where appropriate.
- Inspect the surface and repeat the treatment if cementitious residue remains.

For vertical surfaces, work from the lower section upward where practical to maintain uniform wetting.

For heavy or exceptionally hardened deposits, a second application may be required rather than substantially extending the contact time.

Coverage / Consumption:

Coverage depends on:

- Thickness and quantity of cementitious deposits
- Degree of hardening and carbonation
- Surface temperature
- Porosity of the deposit
- Quantity of product required to maintain complete wet contact

Apply sufficient **undiluted CR-20** to completely wet the contaminated area.

No fixed consumption rate is specified; actual consumption should be established through a site trial.

Curing & Protection:

CR-20 is a cleaning chemical and does not require curing after application.

- Do not allow the product to dry on the surface.
- Thoroughly rinse treated surfaces with clean water after the required reaction period.
- For heavy deposits, repeat the application rather than substantially extending contact time.
- Dry ferrous metal surfaces promptly after rinsing.
- Where required, apply an appropriate protective treatment to metal surfaces after cleaning.



CR-20

3

Packaging:

Available in:

- 10 L containers
- 25 L containers
- 200 L containers

Storage & Shelf Life:

Store in the original, tightly closed container in a cool, dry, and well-ventilated area.

Recommended storage temperature: 8°C to 28°C

Protect from excessive heat and direct sunlight.

Do not return contaminated or used product to the original container.

Shelf Life: Refer to the product packaging for the applicable shelf-life information.

Health & Safety:

- Avoid contact with skin and eyes.
- Wear suitable acid-resistant gloves, eye protection, and protective clothing.
- Provide adequate ventilation during application.
- Do not use on aluminium, zinc, galvanized steel, magnesium, marble, limestone, calcareous natural stone, terrazzo, acid-sensitive coatings, or painted/decorative surfaces unless compatibility has been established.
- Extended contact with steel or iron may cause etching, staining, or corrosion.
- CR-20 may attack or etch sound concrete, cement mortar, grout, and other cement-based substrates. Use the shortest effective contact time when cleaning cement contamination from cementitious substrates.
- Always perform a small-area compatibility test before full application.
- Do not mix with chlorine/bleach, hypochlorite, alkaline cleaners, other acids, or other chemical products.
- In case of eye contact, rinse immediately with plenty of clean water and seek medical attention.
- In case of skin contact, wash thoroughly with water.
- Refer to the current Safety Data Sheet for complete safety, handling, storage, and disposal information.



Technical Data:

Property	Typical Value
Appearance	Clear to slightly hazy liquid
Colour	Colourless to pale yellow
Physical State	Liquid
Odour	Mild / characteristic
pH	Approx. 1.0
Flash Point	Not applicable
Water Solubility	Completely miscible
Application	Undiluted
Recommended Contact Time	15–30 minutes
Application Temperature	Not specified
Storage Temperature	8°C to 28°C