

QUICKCEM

CONCRETE REMOVER

Biodegradable concrete and cement remover. Ideal for regular cleaning of cement waste and ready-mix concrete lorries and pumps..

PRODUCT DESCRIPTION

- QUICKCEM is for removing cement contamination from a wide range of substrates. It is formulated to clean concrete mixers, pumps and GRC moulds, cement silos, associated plant and tools.
- Ideal for regular cleaning of ready-mix concrete lorries and pumps, keeping them clean, without damaging paintwork.
- Contains a naturally occurring, organic acid that breaks down the cement matrix surrounding the sand and aggregates in mortars, render, bricks and concrete
- Breaking down this binder makes for the easy cleaning of mortar, render and concrete deposits from affected surfaces.
- Made of an organic molecule, derived from sustainable farmed produce. It has no components subject to Workplace Exposure Limits (WEL).
- Concrete Remover has major benefits over other concrete and cement cleaners because it is significantly safer to use and does not attack the underlying surface.

APPLICATION

Always test apply on a small hidden portion of the substrate before applying

- Shake the closed container for 30 seconds before opening for use. Pre-wet the area to be treated with water.
- Use Concrete Remover directly from its container, do not dilute or mix with other products.
- Spray evenly over the contaminated area, using a low pressure sprayer.
- A heavy application should be made when cleaning off cement and concrete residuals that are old and thick.
- Keep the surface soaked for 30-40 minutes. Do not allow the treated surface to dry out during the treatment stage.
- After treatment, scrub treated area with a hard-bristle brush if necessary. Rinsing off thoroughly using a low pressure water jet or spray.

TECHNICAL DATA

Physical state 20 °C	: Liquid
Colour	: Pale Yellow
Smell	: Slight/mild
pH	: 2-3
Density	: 1.02 g/cm ³
Solubility	: Totally soluble

Flash point [° C]:	: Not Applicable
Biodegradability:	: Readily Biodegradable OECD-TG3-1
Coverage:	: 5-8 SqM/Ltr
Packaging:	: 3, 20 and 1000 Ltr Units

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ADVANTAGES

- Concrete Remover is a highly efficient cement and concrete remover, for the removal of cement and concrete without damaging equipment and surfaces, allowing the easy removal of cement off metal, glass, rubber and paint substrates.
- "Compliant" compared to other cement cleaners, promoting safer working practices. Non-flammable and non-volatile. 90% biodegradable. Does not harm plant and tools contaminated with cement based residuals.

RECOMMENDATIONS

- Avoid freezing conditions for application i.e. minimum of 5°C and rising. Avoid use in rain.

PERFORMANCE

Cleaning rates depend on the temperature, thickness and age of the cement or concrete deposits (cement paste gets stronger with age). Effective within 40 mins of application. It is possible to remove all cement based deposits by using an appropriate quantity without damaging the substrate.

EFFECT ON PLASTIC SURFACES

- The result below is the average of 3 tests at 23°C, maintained for 48 hrs in an undisturbed solution.
- The product has no appreciable effect on the plastic type tested.

Weight Loss: % of original weight	
Plastic type	Concrete Remover
Polypropylene	0.012%

EFFECT ON METALLIC SURFACES

Results below are the average of 3 tests at 23°C, maintained for 48 hrs in undisturbed solutions of known concentration. In all cases, Concrete Remover out-performs Hydrochloric Acid and Phosphoric Acid, which are commonly used in removing cement based contamination.

Weight Loss: % of original weight			
Metal type	Eco (10%)	HCl (10% Acid)	H ₃ PO ₄ (10% Acid)
1018 Mild Steel	0.165%	2.053%	0.665%
304 Standard 18/8 Stainless Steel	0.007%	0.009%	0.012%
316 Austentic Stainless Steel	0.002%	0.512%	0.003%
1100 Aluminum Alloy	.008%	0.932%	1.426%

STORAGE/CLEANING

- Keep in a dry place (between 5°C and 30°C).
- Storage: 24 months following the production date when kept in the original unopened container.
- Immediately after you have finished clean all tools and equipment with water.

HEALTH AND SAFETY

- *Respiratory Protection:* Under normal conditions of use, where adequate ventilation is available, no special respiratory protection equipment is needed.
- *Hand Protection:* Wear PVC gloves.
- *Skin Protection:* Wear protective clothing over-exposed areas of skin.
- *Eye Protection:* Wear safety goggles.
- *If Swallowed:* Do not induce vomiting. Contact a doctor or a specialist.

KEEP OUT OF THE REACH OF CHILDREN