

CONCRETE REMOVER

PRODUCT DESCRIPTION

- Effortlessly remove unwanted spills and stains of concrete, cement or mortar by transforming it into an easy to remove putty residue.
- Working on most surfaces.
- Ideal for regular cleaning of ready-mix concrete lorries and pumps, keeping them clean, without damaging paintwork.
- Suitable to remove high strength grouting materials from natural stone surfaces.
- Made of an organic molecule, derived from sustainable farmed produce. It has no components subject to Workplace Exposure Limits (WEL).
- ProtectiT 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.
- 90% biodegradable, final biodegradability is in line with 'easily degradable' under OECD 301 and European Regulation No.648/2004.

APPLICATION

Always test a small area before proceeding to ensure finished result is acceptable.

- Shake the closed container for 30 seconds before use.
- 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. Apply a generous amount of Concrete Remover to saturation point 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, if it does simply re-saturate the area. After treatment, scrub treated area with a hard-bristle brush if necessary.
- Rinse off thoroughly using a low pressure water jet or spray. Repeat the process for any particularly stubborn areas until all residues are dissolved.

RECOMMENDATIONS

- Wear protective gloves and glasses, and appropriate clothing whilst using the product.
- Do not allow product to come into contact with plants, shrubs or grass. Do not apply during rain, frost or when surface and air temp is <5°C & >30°C. Do not dilute or mix with any other product

KEY FEATURES

- Powerful concrete, cement & mortar remover
- Transforms concrete into an easy to remove putty residue
- Ideal for regular cleaning of ready-mix concrete lorries and pumps



TECHNICAL DATA

- **Physical state 20 °C:** Liquid
- **Colour:** Pale Yellow
- **Smell:** Slight/mild
- **pH:** 2-3
- **Density:** 1.02 g/cm³
- **Solubility:** Totally soluble
- **Flash point [° C]:** Not Applicable
- **Biodegradability:** Readily Biodegradable OECD-TG3-1
- **Coverage:** 5-8 SqM/Ltr

Shelf Life & Storage: 24 months from the date of manufacture in the original unopened container. Store locked up in dry place between 5°C and 30°C in the original container.

For Health & Safety instructions, first aid measures, spillages and disposal instructions, see separate Health & Safety Data Sheet (MSDS)

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 of SP-600, 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	SP-600 Concrete Remover
Polypropylene	0.012%

EFFECT ON PAINTED SURFACES:

The effect of SP-600 on paint has been assessed on a visual basis, using coated metal plates. The results displayed are averages of 3 tests at 23°C, maintained for 48 hrs in an undisturbed solution of SP-600. Use of the product had no discernible, visual effect on the coatings tested.

Paint/Coating Type	Visual Change
Polyurethane coating	None
Vehicle paint (Cellulose)	None
2-Pack Epoxy	None

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, SP-600 outperforms Hydrochloric Acid and Phosphoric Acid, which are commonly used in removing cement based contamination.

Metal type	Weight Loss: % of original weight		
	SP-600 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 Austenitic Stainless Steel	0.002%	0.512%	0.003%
1100 Aluminum Alloy	.008%	0.932%	1.426%

Important: The content of this documentation is based on our experience of the product. PROTECTiT SP guarantees the quality of its products, but expressly declines any liability in the event of failure by the user to comply with the recommendations and conditions of use of said products, notably but not exclusively in the event of incorrect application, application by unqualified personnel, use of products not compatible with PROTECTiT SP products or bad weather conditions.