

BEECK CONCRETE AND STONE CLEANSER

Acid cleaning concentrate for mineral surfaces, especially concrete and exposed masonry.



Ranges of Application:

BEECK CONCRETE AND STONE CLEANSER is used for cleaning concrete, brick, lime sandstone and siliceous natural stone facades. Particularly suitable for preparing weathered and dirty exposed masonry and concrete facades for further treatment with BEECK silicate paints or BEECK hydrophobing agents. The relatively mild acid cleanser is effective against corrosion and cement stains as well as lime efflorescences. Considering the varying types of pollutions and building materials as well as the acid effect of the cleanser, samples should always be made first. Special attention must be paid to natural stones. Careful with stones containing iron! Never use on glass, plastics or metals of any kind.

Processing:

Never use BEECK CONCRETE AND STONE CLEANSER undiluted ! Depending on the degree of pollution, thin with 2 to 5 parts water. Thoroughly wet surface prior to application. Distribute on the surface using a hard nylon brush. After a maximum of 15 minutes, carefully rinse with plenty of water using high-pressure water jet. In case of persistent pollution, repeat several times if necessary. Make samples. Do not use on heated surfaces or in bright sunlight. Avoid complete drying of the cleanser. Minimum temperature: +5°C air and surface. Avoid skin contact because of possible skin burns! Observe safety instructions !

Technical Features:

BEECK CONCRETE AND STONE CLEANSER contains organic acids and surfactants that become effective against pollution on alkaline to subacid building materials. The cleaning effect is accompanied by a weak corroding effect. Therefore, the exposure time and degree of dilution must be clearly determined, especially for porous natural stones. The acid effect also allows for cleaning e.g. lime sinter efflorescences on exposed masonry or concrete. Careful rinsing with water is in any case indispensable. Best cleaning results in combination with sensitive jet techniques, see Surface and Pretreatment.

Physical/Technical Characteristics:

Density: 1.0 g/cm³
pH value: 1 (undiluted)
Viscosity: thin as water

Drying:

Avoid complete drying. Only apply to wet surfaces and rinse off within 15 minutes of application with plenty of water.

Yield:

Depending on degree of dilution and surface: approx. 0.03 to 0.04 l BEECK CONCRETE AND STONE CLEANSER per m² and application.

Available Sizes:

5 l, 10 l and 28 l.

Cleaning:

Clean appliances, tools and clothes with plenty of water immediately after use.

Storage:

Store BEECK CONCRETE AND STONE CLEANSER in the original container in a well ventilated, acid-resistant place. Lasts at least 12 months when stored cool and free of frost. Never transfer into containers that are not acid-resistant! Observe Safety Instructions!

Composition:

Concentrate of organic acids (among others formic acid) and surfactants.

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Surface and Pretreatment:

General Requirements:

The surface must be solid, coatable and free of efflorescing salts. Mechanically remove coarse pollution, incrustations, loose paint residues etc. Make samples to determine best chemical and mechanical cleaning methods (e.g. low pressure with or without abrasive).

Other Cleansers:

As an alternative use BEECK MOLD OIL REMOVER thinned with 4 to 5 parts water for removing mold oil remainders from new exposed concrete. Thoroughly rinse after 5 to 15-minute exposure using high-pressure water jet with hot water. Particularly persistent pollutions e.g. on exposed masonry can alternatively be treated with BEECK STONE CLEANSER. Extremely acid, therefore always make samples first. For removal of sinterskin from new plasters and for cleaning weathered old plasters, use thinned BEECK ETCHING FLUID.

Safety Instructions and Disposal:

► Hazard Class: Corrosive (C)!

Wear acid-resistant safety clothes including glasses and gloves while processing. Only to be used by trained and skilled personnel. Avoid skin contact: risk of severe acid burns !

Always observe the professional associations' regulations for acid handling. Also refer to the corresponding EU Safety Data Sheets.

Carefully cover all surfaces not to be treated, especially glass, ceramic and metal surfaces. In case of contact, immediately rinse with plenty of water. Keep out of the reach of unauthorized persons.

Observe the regulations for sewage discharge. Disposal of product remainders according to legal regulations.

► Waste Code: Product and Product Remainders (European Waste Code): 070199.

It is our objective to provide, through this technical information, advice based on our skills and practical experience. Any instructions given are non-binding and do not release the user from his or her liability to check for product suitability and application methods him/herself with regard to the surface used. Technical modifications may result from product development. Upon publication of a revised or new version, these instructions will automatically lose their validity. The details contained in the EU Safety Data Sheets in their current form dictate liability for classification in terms of the Hazardous Substances Regulation, disposal etc.