

# BEECK Paint Stripper

Effective stripper for the removal of existing lacquer, latex and emulsion paints. Only for commercial use

## 1. Product Properties

BEECK Paint Stripper is an efficiently usable, chemically neutral paint stripper with a wide range of uses, optimum deep action and a long open time. Suitable for removing film-forming old synthetic resin-based coats, for example, alkyd and acrylic lacquers and emulsion paints including "silicone resin paints". Particularly effective at removing coatings from mineral façades. Can also be used to remove lacquer and paint from wood and metal. Ensure good ventilation if used indoors. The effectiveness must be tested in advance, especially if using on unknown paint coats and on critical substrates. Unlike alkaline stripping fluids, it does not require subsequent neutralisation. Mineral substrates are not damaged, even in case of long application times. If used properly, does not interfere with wastewater treatment.

### 1.1. Composition

- Pasty combination of organic active ingredients (esters, etc.)
- Free from biocides, aromatic, chlorinated and halogenated hydrocarbons

### 1.2. Technical properties

#### 1.2.1. Overview

- For use on interior surfaces and on façades
- Good dissolving power for synthetic resin lacquers and emulsion coatings
- Does not damage mineral building materials
- No neutralisation required
- Application time at least 30 minutes
- Long open time of several hours
- Thixotropic, does not run on vertical surfaces
- Biodegradable
- Water emulsifiable

#### 1.2.2. Important building physics characteristics

Parameter	Value	Conformity
Density 20°C:	1.05 kg / L	
pH value 20°C:	8 - 9	
Dynamic viscosity 20°C:	5000 mPas	
Flash point:	59°C	Pensky-Martens

## 2. Use

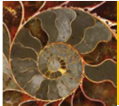
### 2.1. Substrate requirements

- The substrate must be dry, firm and stable.
- Suitable substrates are mineral substrates, for example, lime/cement rendering and plaster, concrete, brick, calcium silicate masonry, gypsum rendering and plaster, stucco, wood and metal.
- Use a high pressure method to remove coarse dirt, crusts, loose paint residues, etc. first. Alternative paint removal methods (such as burning off or low pressure blasting methods with or without abrasives) can be used to remove particularly stubborn coatings.
- Always try out on a test area beforehand to determine the effectiveness, time requirements and the application rate when working on critical substrates and on unfamiliar, thick or multi-layer paint coats, synthetic resin renders or plasters, etc.
- **Unsuitable substrates** for BEECK Paint Stripper are those which swell when solvents are applied, organic substrates such as plastics, composite materials and external thermal insulation composite systems (ETICS). In case of doubt, test the paint stripper on the surface first. The substrate must generally be such that it can be cleaned pore-deep after the paint has been stripped, preferably using high pressure hot water (jetting). Therefore, be careful when working on, for example, cracked wood and half-timbering, large-pored natural stone, filigree metal structures and mixed substrates.
- **Unsuitable coatings** are highly cross-linked reactive lacquers (polyurethane and epoxy resin lacquers). Try out on a test area first before applying high-build plasto-elastic façade coatings or oil-based paints.
- **As with old unknown coatings, defective substrates** require a differentiated approach, examine and try out on a test area first.

### 2.2. Application instructions

#### 2.2.1. General information

Check substrate suitability as required (see 2.1). Here attention must be paid to the absorbency, strength and texture of the respective substrate. Examine high quality and critical surfaces and try out on a test area first. Ensure that the product is used by qualified persons.



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- Only deploy commercial, competent and instructed contractors or decorators to remove coatings from façades.
- When removing coatings from façades, note and follow official instructions regarding façade cleaning, paint stripping, collection, separation and discharge of wastewater. Obtain the necessary permits.
- Install suitable equipment to collect and separate paint sludge and washing water. Dispose of according to the official regulations. Carefully cover surfaces which are not to be treated – especially glass, ceramics, window sills, expansion joints, lacquer and anodic coatings and protect them from splashes.
- Provide personal protective equipment.
- Before use, thoroughly stir BEECK thixotropic Paint Stripper with a powered mixing paddle.
- Ensure sufficient fresh air exchange when working indoors. Do not use in enclosed spaces, basements, shafts or manholes.
- Do not use in wet conditions, if there is a risk of frost, on hot surfaces or in the blazing sun.
- Application temperature: +8°C to +25°C
- Protect the paint stripper from wind and the blazing sun during the application time. Hang up scaffolding sheeting in front of the surface worked on.

## 2.2.2. Application

Apply with a natural hair brush or using an airless spraying method. Treat self-contained surfaces in one continuous pass.

- Apply BEECK Paint Stripper thickly and uniformly. The coat thickness should at least be equal to the total thickness of the layer to be stripped.
- The minimum application time is 30 minutes, 2 hours is better. BEECK Paint Stripper is slow-evaporating and can act for up to 16 hours. If necessary, use sheeting to protect it from drying out and the wind.
- Preferably apply BEECK Paint Stripper from the bottom upwards; carry out the subsequent façade cleaning in this direction too.
- Remove dissolved paint layers with a spatula or spray them directly with a strong water jet (spray lance).
- If necessary, treat stubborn layers several times; determine by trying out on a test area beforehand.
- Rinse with plenty of water. Always use a high pressure hot water method to clean mineral façades pore-deep. Also, ensure no paint stripper residues remain in the pores of building materials, cracks or joints.
- Collect and dispose of paint sludge and washing water in accordance with the official regulations.
- **Spray application (airless):**
  - Nozzle approx. 0.64 mm / 0.025 inch
  - Apply uniformly, if necessary smooth over with a brush
  - Apply from the bottom upwards and then clean in the same way.

## 3. Application Rate and Container Sizes

The application rate, i.e. the quantity required is highly dependent on the thickness of the paint layer and for a smooth substrate is around 0.5 L BEECK Paint Stripper per m<sup>2</sup> and pass. Try out on a test area beforehand to calculate the total volume required, effectiveness and application time.

Container sizes: 0.75 L / 5 L / 10 L / 25 L

## 4. Cleaning

Thoroughly clean equipment, tools and soiled clothing with soapy water immediately after use.

## 5. Storage

Stored cool and frost-free in the original container, BEECK Paint Stripper can be kept for at least 24 months. Close open containers airtight and use up the contents as soon as possible. Store in the original container in a well-ventilated, secured location.

## 6. Hazard notes, safety instructions and disposal

Comply with the EC Safety Data Sheet. Safety data sheet available on request.

**Signal word:** Warning

**Pictograms:** GHS07

**Hazard statements:** Causes serious eye irritation.

**Precautionary statements:** Keep out of reach of children. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Disposal in accordance with the official regulations. Collect washing water, paint stripper residues and paint sludge and dispose of according to the official regulations. Product only for commercial use.

Waste disposal number: 080112



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## 7. Declaration

This technical information is offered as advice based on our knowledge and practical experience. All information is provided without guarantee. It does not release the user from their responsibility to check the product suitability and application for the specific substrate on which it is to be used. Subject to change without notice as part of our product development. Non-system additives for tinting, thinning, etc. are not permitted. Check the colours before use. This information sheet automatically becomes invalid when a new edition is issued. The information in the current version of the EC Safety Data Sheets is binding for classification according to the Hazards identifications, disposal considerations, etc.