

## Note on English translation / Hinweise zur englischen Fassung

This is a translation of the product data sheet valid in Germany.

All stated details and properties are in compliance with the regulations of the German standards and building regulations. They are only applicable for the specified products, system components, application rules, and construction details in connection with the specifications of the respective certificates and approvals.

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## Plaster & Façade Systems

# P286.de

Product Data Sheet

2016-06



# Der Vorspritzer

Cement spatterdash mortar with bonding admixture

## Product description

Cement plaster as a spatterdash mortar for pretreatment of the substrate in case of low absorbency, smooth surface masonry or varying absorbency levels on masonry and rough-cast concrete in interiors and exteriors.

## Composition

Cement, graded limestone grains or quartz grains, water-retaining and water-repellent additives.

## Storage

Store the bags on wooden pallets in a dry environment. Can be stored for approx. 9 months.

## Quality

In compliance with EN 998-1, the product is subject to initial type testing and continuous factory production control and bears the CE marking.

## Field of application

Cementitious plaster as a spatterdash mortar for improving the bonding properties and for regulating absorptivity before application of a basecoat in interiors and exteriors.

- On rough and rough-cast concrete
- On old masonry, mixed brickwork and quarry stone walling
- On multi-layer wood wool slabs
- On lime sandstone with thin-bed mortar
- On small format brick masonry

## Properties and added value

- General-purpose rendering/plastering mortar GP acc. to EN 998-1
- Compressive strength category CS IV acc. to EN 998-1
- Cementitious mortar acc. to DIN 18550-1 or DIN 18550-2
- Suitable for interior and exterior application
- Water-repellent
- Coarse grained
- Creates a good bonding surface
- For machine or hand application

### Application

#### Preparation

Check the substrate for compliance with VOB part C, DIN 18350, chapter 3.1 and/or according to VOB part B, DIN 1961 paragraph 4 section 3. Clean the substrate of dust and remove loose parts ensuring that the surface is smooth. Cover easily-soiled building components before commencement in accordance with Code of Practice "Abklebe- und Abdeckarbeiten für Maler- und Stuckateurarbeiten - *Masking and covering for painting and stucco work*" (German only) issued by the Bundesverband Ausbau und Fassade. Protect weather-exposed surfaces from precipitation and direct sunlight. All substrates must be stable, dry, even and free of grease and dust as well as free of any residual substances that may reduce the adhesion.

#### Machines / equipment

Knauf PFT mixing pump G 4

- Stator: D6-3
- Rotor: D6-3
- Mortar hoses: Ø 25 mm
- Wet mortar pumping distance: Up to 30 m

#### Mixing

##### Mixing by hand

Mix the content of one bag with approx. 5 litres of clean water without further additions until an application-ready lump-free consistence is achieved. When mixing, use clean water and do not add other additives.

##### Mixing by machine

For machine application using mixing pumps, e.g. PFT G4, set the desired consistence by adding water. Prelubricate the hoses with wallpaper paste.

### Application

Spatterdash Der Vorspritzer onto a prepared plastering substrate at an application thickness of max. 5mm or spray on to fully cover the surface. The spray process may not be interrupted or suspended to prevent clogging. Allow to dry and harden for one day in the case of lime-cementitious mortar and 1 week in the case of cement mortar before continuing work.

#### Plaster thickness

Single-layer: Apply a maximum thickness of 5 mm.

#### Application temperature / climate

Do not apply material at air and/or substrate temperatures below +5 °C and above +30 °C. Protect fresh mortar from frost and rapid drying.

#### Cleaning

Clean the machines and tools with water immediately after use.

#### Note

Plasters and renders must be applied according to EN 13914-1 or EN 13914-2, DIN 18550-1 or DIN 18550-2 and DIN 18350 VOB part C as well as the generally recognized building engineering rules and valid guidelines. Only mix the dry mortar with clean water, do not add other additives.

### Technical data

Description	Unit	Value	Standard
Reaction to fire	Class	A1	EN 13501-1
Graining	mm	4.0	–
Compressive strength	Category	CS IV	EN 1015-11
Bond strength	N/mm <sup>2</sup>	≥ 0.08	EN 1015-12
Failure pattern	–	A, B or C	
Capillary water absorption w	Category	W 2	EN 1015-18
Water vapour diffusion resistance $\mu$	–	≤ 25	EN 1015-19
Thermal conductivity $\lambda_{10, dry, mat}$ at P = 50 % P = 90 %	W/(m·K) W/(m·K)	≤ 1.11 ≤ 1.21	EN 1745

The stated technical data were evaluated acc. to the respective test standards. Deviations under site conditions are possible.

### Material requirement and efficiency

Application	Graining	Coat thickness	Consumption approx.	Yield approx.	
	mm	mm	kg/m <sup>2</sup>	m <sup>2</sup> /bag	m <sup>2</sup> /ton
Full surface (quarry stone)	4.0	5.0	8.0	3.8	125.0
Full surface (level substrates)	4.0	5.0	5.0	6.0	167.0

The exact consumption can only be determined with a test application on the individual object.

### Product range

Product designation	Application	Packaging unit	Material number	EAN
Der Vorspritzer	30 kg	36 bags/pallet	00062690	4003950041228
Der Vorspritzer	Trass additive	–	–	–



### Observe safety data sheet!

For safety data sheets and CE marking see

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