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Plaster and Façade Systems

K4503_DSP.de

Isogrund

Suction block for mineral-based finishing renders

Product Data Sheet

2025-03



Product description

Isogrund is a suction block for use on dry, dust-free undercoats and basecoats before the application of thin-layer mineral finishing renders.

Storage

The material can be stored for 18 months in the original unopened container in a cool and frost-free (+5 °C to +25 °C) environment. Close opened buckets airtight. Do not expose to direct sunlight or heat.

Quality

The product is subject to continuous factory production control.

Properties and added value

- For interior and exterior application
- Ready-to-use
- Absorption regulating
- Pigmented white
- For machine or hand application
- Aqueous emulsion
- Dries to a white colour

Field of application

As a suction block on

- Lime-cement basecoats
- Cement basecoats
- Lime basecoats
- Basecoats

As a suction prevention primer before the application of

- Thin-layer mineral finishing renders

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 loose parts and remove, ensure that the surface is smooth. Cover easily-soiled building components before commencement in accordance with Code of Practice "Abklebe- und Abdekarbeiten für Maler- und Stuckateurarbeiten" issued by the Bundesverband Ausbau und Fassade. Protect weather-exposed surfaces from precipitation and direct sunlight.

Preparation of the substrate in accordance with the Substrate/ Pretreatment table. 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.

Application

Stir the contents of the bucket thoroughly before application. Apply undiluted Isogrund evenly and to the entire basecoat in a crosswise action with a Lambskin Roller / brush or by machine with airless spray equipment and roll in with a lambskin roller. Dilute Isogrund 1:1 with water on weakly absorbent substrates such as reinforcing mortar layers. Remove contaminations of Isogrund primer (splashes or similar) on the contaminated surfaces preferably in the fresh state with warm water. Dried material can be removed after softening, using a damp wiping cloth or similar.

Application temperature / climate

The material, substrate and air temperatures during application and until the primer is fully dry should not fall below +5 °C.

Drying

Wait with subsequent work until Isogrund is no longer adhesive and has fully dried (min. 12 hours at +20 °C and 65 % relative humidity). Correspondingly longer drying times result from cool and damp site conditions.

Note	Highly absorbent surfaces as well as good ventilation shorten the drying times.
	The time after drying of Isogrund and commencement of the subsequent work should be kept as short as possible to avoid dust depositing on the surfaces.

Cleaning

Clean tools immediately after use with water.

Caution	Do not mix Isogrund primer with other materials because properties can possibly change significantly.
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Technical data

Description	Standard	Unit	Isogrund
Density	–	kg/l	1.1
Viscosity	–	–	Low viscosity (thin flowing)
pH value	–	–	approx. 8

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

Material requirement / efficiency

Substrate	Consumption per application approx. g/m ²	Yield approx. m ² /bucket
Basecoats	150	100
Basecoats	200	75

The consumption values were determined under laboratory conditions. Additional consumption resulting from conditions in practice must be taken into account. The material consumption depends on the roughness, evenness and absorption properties of the substrate as well as the machinery used.

Product range

Isogrund	Application	Packaging unit	Material number	EAN
	15 kg	24 buckets/pallet	00005691	4003950000577

Sustainability and environment

Short description	Comments	Unit	Value
VOC content	acc. to RL2004/42/EC	%	≤ 2.1
VOC content	acc. to RL2004/42/EC	g/l	≤ 25
Solvent and softener free VDL RLO1	9th Version 07.2024	–	fulfilled



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