KREISEL

TECHNICAL DATA SHEET

PLASTER 525

Machine-applied, cement-lime plaster, heavy

Areas of application

Suitable for executing plaster layers under paints and noble plasters on ceramic, autoclaved aerated concrete, lime-sandstone, concrete and other surfaces. Also suitable for use as a single- or multi-layer plaster mortar

Properties

- Waterproof
- Fine-grained
- Smooth surface
- Indoor use
- Vapor-permeable

Application procedure

Technical data

Item number	37748
Packaging	
Quantity per unit	30 kg/unit
Unit per pallet	40 unit/Pal.
Grain size	0-0,8 mm
Colour	Grey
Consumption	14 kg/m²/cm
Water requirement	approx. 7,3 L/unit
Reaction to fire	A1
Thermal conductivity	≤ 0,61 W/mK
Chromium content	≤ 0,0002 %
Mortar class	CS II EN 998-1
Coating thickness	5-25 mm
Processing time	180 min

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Material base

- Hydrated lime
- Portland cement
- Additives
- Quartz additive

Application conditions

Apply in temperatures from +5 °C to +25 °C, these temperature refer to air, groundwork and product temperature. Plastering process shall be started after a period of settlement, shrinkage and desiccating of walls and concrete elements. Substrates suitable for plaster layers shall be durable, rigid, not susceptible to deformation nor have signs of moisture. In the case of concrete substrates, they shall be deprived of any anti-adhesive agents or oils used in formwork tasks.

Surface

The groundwork must be cleaned and properly prepared. It is recommended to check the moisture content of the substrate before plastering.
Bricks and ceramic CMUs: depending on requirements, prime with GRUNTOBET 310 or GRUNT DO BETONU 314 or apply OBRZUTKA 550
Autoclaved aerated concrete elements: Prime with GRUNTOBET 310 or EXPERT CONCRETE PRIMER 314.
Silicate blocks: depending on requirements, prime with GRUNTOBET 310 or GRUNT DO BETONU 314 or apply OBRZUTKA 550
Concrete, reinforced concrete: depending on requirements, prime with GRUNTOBET 310 or GRUNT DO BETONU 314 or apply OBRZUTKA 550
Expanded clay aggregate blocks: depending on requirements, prime with GRUNTOBET 310 or GRUNT DO BETONU 314 or apply OBRZUTKA 550

Preparation

The dry mix should be made with an appropriate amount of clean, cool water by mixing in a plastering machine or mechanically using a mortar mixer or concrete mixer. The time of mechanical mixing should be 2-3 minutes. If necessary, depending on the conditions, slightly adjust the amount of water added. Do not mix the hardened grouting mixture again.

Application procedure

Apply the mortar in an even layer on the entire plastered surface, maintaining a 5-25mm layer and even out with a long float. Final processing (scrubbing with a plastic long float, sponge or felt) can take place after the setting process has started. In the case of applying several layers, apply the successive ones after the previous one has set (after c.a. 24h)

Instructions

Ventilate the rooms during the execution of works, but protect the plaster against drafts causing excessive drying of the surface if necessary, moisten the plaster with water from time to time

Storage

Maximally 12 months In dry areas and in non-damaged packaging

General information

This product data sheet replaces all its previous versions.The information, included in this technical card, represents our current knowledge and practical experience. This is general information only which shall not obligate the manufacturer to take any responsibility either for workmanship or for the manner of use. For there may be differences and specific execution conditions.The product shall be applied in accordance with required technical knowledge and OHS rules.Avoid contact with skin and protect eyes. In case of contact with eyes, rinse them up with a large quantity of clean water and consult a doctor. It shall be recommended to use gloves, safety goggles and protective clothing.
All technical data listed in this product specification has

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been determined under laboratory conditions.