



KEMAGRUND S

Primer for highly and medium absorbent mineral surfaces



PRODUCT DESCRIPTION

Ready to use polymer dispersion of synthetic resins and water based additives.

FIELD OF USE It is used for priming of highly and medium absorbent mineral surfaces, especially materials based on gypsum (machine applied plasters, gypsum- cardboard panels, anhydride screeds) as well as cement and lime- cement based plasters prior to laying of coverings and tiles. It reduces and uniformes the water absorption of mineral surfaces, consolidates the surface and thus increases the bonding strength of the additionally applied mortars, adhesives and leveling compounds. It can be used concentrated or diluted with water in the ratio 1:1, depending on the absorption of the substrate.

PRODUCT DATA

BASIC INFORMATION

Appearance Milky white liquid

Packing 1 kg in plastic can/ 8 kg (8x1 kg) in cardboard box/576 kg (72x8 kg) on pallet
5 kg in plastic can/ 480 kg (96x5 kg) on pallet
10 kg in plastic can / 600 kg (60x10 kg) on pallet

Storage and expiration date 12 months from date of production if stored properly in undamaged original sealed packaging in dry and cool conditions. Date of production is printed on packaging.

TECHNICAL DATA

Chemical composition Polymer dispersion

Density 1,01 g/cm³

pH 8-10

INSTRUCTIONS FOR USE

CONSUMPTION 0,1-0,4 kg/m², depending on absorption of the substrate and dilution ratio

BASE The substrate has to be clean, without greas, dust and loose particles, homogeneous, solid and load bearing. The substrate must not be frozen (temperature above +5 °C).

BASE PREPARATION 1. Suitable substrates are building materials based on gypsum with maximum moisture of 0,5 %, absorptive plasters and cement- based screeds.
2. Unsuitable substrates are substrates with capillary raising of moisture, glazed ceramic, metal, plastik, wood, etc.

INSTALLATION KEMAGRUND S is a ready to use dispersion for immediate use on gypsum- based substrates.
For use on absorptive surfaces of cement- based screed, lime or lime- cement based plaster, dilute KEMAGRUND S with water in the ratio 1:1. Before use mix KEMAGRUND S thoroughly. KEMAGRUND S has to be applied on gypsum- based surfaces undiluted.

TOOL For application use brush or roller.

CLEANING OF TOOL Clean tools immediately after use with water.

COAGULATION Drying time before laying of tiles depends on climatic conditions.



LIMITATIONS

BASE TEMPERATURE +5°C min./ +30°C max.

AIR TEMPERATURE +5°C min./ +30°C max.

MATERIAL TEMPERATURE +5°C min./ +30°C max.

- WARNINGS**
- Times specified in the technical sheet were measured at the temperature of +23°C and relative air humidity of 50 %. Higher temperatures reduce, while lower temperatures prolong those times.
 - Protect freshly installed material from freezing, rain and other weather conditions. The material should not be used at (surface, air, material) temperatures lower than +5°C.
 - High air humidity and low temperatures prolong, while high temperatures reduce drying and hardening times of the coating.

Recommendation: Remains of unhardened/unset material had to be removed in accordance with the legislation..

Data source: All technical data in this technical sheet was obtained by laboratory research. Actual data may differ due to different working conditions.

Local restrictions: Due to specific local regulations the installed product can differ from country to country. For exact instructions for use a country specific technical sheet should be obtained.

SAFETY DATA

KEMAGRUND S is not a hazardous substance in accordance to the Chemicals Act. Consider general instructions for safe use of chemicals. When using the product do not eat, drink or smoke. After finished work wash hands. In the case of contact with eyes, wash with plenty of water. More information on storage, handling and use of mixture can be found in the safety sheet which contains safety, toxicological and ecological data. Warnings on the original packaging should also be considered.



LEGAL BASE

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