

TECHNICAL DATA SHEET

KEMAGRUND S

Grounding coating for absorptive surfaces



PRODUCT DESCRIPTION
 Ready-to use water-based polymer dispersion of synthetic bitumens and additives.
 Good adherence to substrate, diffusion openness. For grounding of absorptive surfaces, above all plaster-based materials (machine plasters, gypsum-cardboard slabs) before laying of lining and tiles.

Field of use
 For grounding of high and middle absorptive surfaces, above all plaster-based materials (machine plasters, gypsum-cardboard slabs) and cement and lime-cement plasters before laying of lining and tiles. On mineral surfaces decreased and uniform the water absorption, harden surface and increased bonding strengths of later applied mortars, adhesives and levelling compounds. Regarding the absorption can be used as concentrate or diluted with water in ratio 1:1.

PRODUCT DATA
Basic information

Appearance	White-milky liquid
Packing	1 kg in plastic cain / 8 kg (8x1kg) carton box / 576 kg (72x8 kg) on palette 5 kg in plastic cain / 640 kg (128x5 kg) on palette 10 kg in plastic cain / 600 kg (60x10 kg) on palette
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

Type of product	Polymer dispersion
Density	~1,01 g/cm3
pH	9,5-10,5 at 20°C

INSTRUCTIONS FOR USE

Consumption ~0,1-0,2 g/m² - depends on surface absorption.

Base Surface has to be clean, free of greasy spots, dust and free particles, homogenous, solid and supporting. Surface must not be frozen (temperatures over +5 °C).

Base preparation Adequate surfaces are gypsum-based building materials with a maximum of 0.5% humidity, absorptive plasters and cement floor bases. Inadequate surfaces are wood, metal, plastic, glazed ceramics and substrate with capillary moisture.

Installation KEMAGRUND S is a ready-made dispersion for immediate application on gypsum surfaces. When using absorptive surfaces of cement floor bases, lime or lime-cement plaster, KEMAGRUND S is diluted with water in the 1:1 ratio. Prior to the application, KEMAGRUND S should be stirred thoroughly. KEMAGRUND S is applied to gypsum surfaces undiluted.

Tool Mason brush or a roller.

Cleaning of tool Clean the tools immediately after use.

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%. With higher temperatures prescribed time can be shortened while prolonged at lower temperatures.
 - Application to a frozen surface, in direct sunlight, or exposure to strong wind, draught or rain is not allowed. During drying, coating has to be protected from freezing.
 - High air humidity and low temperatures prolong, while high temperatures reduces the time required for coating to dry and solidify.

- Temperature of air, coating and surface during the coating has to be higher than + 5 °C.
- 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.

Recommendation: Remains of the unhardened/unset material must be disposed in accordance to the local 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 a country specific technical sheet should be obtained.

SAFETY DATA	KEMAGRUND S is not a hazardous substance in accordance to the Chemicals Act. In the case of contact with eyes, wash with copious water. If irritation does not stop, consult a physician. More data 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.
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