



KEMAFOB AQUA

Silane-siloxane water-based water-repellent impregnation

- ▶ Water-based
- ▶ Prevents »efflorescence«
- ▶ Prevents concrete surface damage due to salts and frost
- ▶ It is colourless, water vapour permeable and water-repellent
- ▶ Suitable as a substrate for all coatings
- ▶ Min. 2 coats »wet-to-wet«
- ▶ Facilitates the cleaning of the substrate and hinders the development of micro organisms
- ▶ Because of mineral base and strong silicic bonds with mineral surface stability is prolonged
- ▶ Easy to use



PRODUCT DESCRIPTION	Product for surface protection, hydrophobic impregnation (H) for principles 1.1. protection against penetration of substances; 2.1. protection against moisture; 8.1. increase of resistance.
FIELD OF USE	KEMAFOB AQUA penetrate into surface and decreased capillary absorption of construction materials. With penetration water-vapour permeability or breathing capability of surface is not decreased, while KEMAFOB AQUA does not seal capillaries and pores.
	For waterrepellent impregnation and priming of all mineral surfaces such as concrete, mineral plasters, roof tiles, brick, gas concrete, silicate brick, natural and artificial stone, included joints, facades of mineral colours etc.
	Water-based KEMAFOB AQUA is suitable also for water-repellent impregnation of products made from clay, clinker, mineral fibres, light aggregates and fibre-cement products, as well prior application of the dispersion, silicone and silicate paints/plasters. Can be used for less porous surfaces, as are higher density natural stone, limestone, marble and reinforced concrete.

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| PROPERTIES | <ul style="list-style-type: none"> ● Prevents »efflorescence« ● Prevents concrete surface damage due to salts and frost ● It is colourless, water vapour permeable and water-repellent ● Suitable as a substrate for all coatings ● Min. 2 coats »wet-to-wet« ● Facilitates the cleaning of the substrate and hinders the development of micro organisms ● Because of mineral base and strong silicic bonds with mineral surface stability is prolonged ● Easy to use |



PRODUCT DATA

BASIC INFORMATION

Appearance Milky white liquid

Packing 1 kg in plastic can / 8 kg (8x1 kg) in carton box / 576 kg (72x8 kg) on pallet
10 kg in plastic can / 600 kg (60x10 kg) on pallet

Storage and expiration date 12 months from the day of manufacture when stored properly in dry place and in the original, sealed and undamaged packaging. Manufacture date is stamped on the packaging.

TECHNICAL DATA

Odour weak

Density 0,9-1 kg/dm³

pH value 7-8 at 20°C

Active matter content 8,6 % (w)



INSTRUCTIONS FOR USE

CONSUMPTION approx. 0,2 to 1,0 l / m² depending on the absorption capability of the surface

The required quantity of KEMAFOB AQUA depends on the adsorbency of the substrate. The amount of impregnating agent required for a substrate and the effectiveness of the impregnation should be determined on site by testing a small area of the material to be treated. For this reason, the figures quoted below are intended as a guide only:

- concrete 0,25-0,5 l/m²
- stucco 0,5-1 l/m²
- brickwork 0,4-2 l/m²
- gas concrete 0,59-2 l/m²
- natural and artificial stone 0,05-3 l/m²

BASE Surface must be clean, dry, free of wet spots and, for reaching the nice finish look of impregnated surface. New plasters and concrete surfaces must be dry and at least 28 days old.

BASE PREPARATION By reparation of facade, surface must be previously good cleaned and washed with strong jet of water. Cracks and mortar defects must be repaired and greasy stains must be cleaned prior to the application of KEMAFOB AQUA.

INSTALLATION KEMAFOB AQUA is applied with spraying in several coats, wet on wet, until the substrate is saturated. Generally, at least two applications suffice for all substrates.

Time between application of coats cannot be too long, next coat apply when previous is no more shining, but still wet.

KEMAFOB AQUA consist special additions for wetting improvement, therefore "re-impregnation" is possible also after longer time. Because of the potential impact of the actual conditions in substrates and materials in the event of specific areas it is recommended to make a sample field prior to application.

TOOL Brush or low-pressure spray

CLEANING OF TOOL Clean tools immediately after the 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**
- KEMAFOB is not applicable for gypsum products and surfaces.
 - Protect freshly installed material from freezing, rain and other bad weather conditions. The material should not be used at (surface, air, material) temperatures lower than 5°C.
 - In rainy weather KEMAFOB AQUA is not allowed to apply. Impregnated surfaces are protect immediately after application.

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

KEMAFOB AQUA is not hazardous product.

More data on storage, handling and use of mix are available in the safety sheet, which contains safety, toxicological and ecological data, and also pay attention to the warnings on the original packaging.

LEGAL BASE

Information and recommendations related to use of KEMA products are presented in good faith and believed to be correct. The later is based on our knowledge and experience with the products. Information is supplied upon the condition that products are stored and used according to the recommendations and the persons receiving the same will make their own determination as to its suitability for their purposes prior to use. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to Information or the product to which information refers. In no event will KEMA be responsible for damages of any nature whatsoever resulting from the use of or reliance upon Information or the product to which Information refers. Nothing contained herein is to be construed as a recommendation to the use any product, process, equipment or formulation in conflict with any patent, and KEMA makes no representation or warranty, expressed or implied that the use thereof will not infringe any patent. All orders fall under current sales and supply conditions. The user should always check the latest technical sheet available upon demand.