

KEMAGLET FX

Gypsum based levelling compound

- ▶ Excellent adhesion to the substrate
- ▶ Water vapour permeability
- ▶ Manual application
- ▶ Easy to work with
- ▶ Chemical neutrality and ecological suitability
- ▶ For indoor application
- ▶ Based on naturally gypsum



PRODUCT DESCRIPTION

Ready-mix gypsum-based levelling compound with fillers and special admixtures for better workability.

FIELD OF USE For levelling walls and ceilings prior to wallpaper hanging or painting, for filling joints, cracks and various damages as a consequence of mounting gypsum-cardboard panels, for indoor use.

- PRODUCT** • Excellent adhesion to the substrate
- PROPERTIES** • Water vapour permeability
- Manual application
- Easy to work with
- Chemical neutrality and ecological suitability
- For indoor application
- Based on naturally gypsum



PRODUCT DATA

BASIC INFORMATION

Appearance White powder

Packing 4 kg in plastic bag / 20 kg (5x4 kg) in cardboard box / 480 kg (30x20 kg) on pallet
20 kg in bag (plastificated) / 1000 kg (50x20 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

Type of product Gypsum-based mortar

Bulk density of powder 0,8 kg/l EN 1015-1:1999

Weight of fresh mortar 1,55 kg/l EN 1015-7:2001

Weight of hardened mortar 1,15 kg/l EN 1015-11:2001

Grain size D_{max} : 0,2 mm EN 1015-1:1999

Air share in fresh mortar 11,5 % EN 1015-7:1999

Compressive strength after 28 days 1,94 MPa EN 13279-2:2004

Flexural strength (after 28 days) 6,3 MPa EN 13279-2:2004

Bond strength on concrete surface after 28 days 0,6 MPa EN 13279-2:2004

Initial setting time \geq 20 min EN 13279-2:2004

INSTRUCTIONS FOR USE

CONSUMPTION 0,5 to 1,5 kg/m², depends on method of application and roughness of substrate

BASE The substrate must be clean and free of all oil, grease, wax, latex compounds, curing compounds, dust and all foreign matter.

PREPARATION Hole in the wall to a depth of 1 cm, has to be mastic. Active cracks in the wall previously repaired to avoid copying of incorrectness to final coat. Highly porous surfaces and surfaces with uneven absorption we ground with KEMAGRUND S, KEMAGRUND A, KEMACRYL diluted with water 1:1.

MIX RATIO Approx.: 13,6 l of water per 20 kg of dry mixture / approx.: 2,72 l of water per 4 kg of dry mixture

MIX TIME Mix dry mixture with clean water into a homogenous mass of medium plastic consistency without clods. Leave it to rest for approx. 5 minutes to intumesce and then stir it again thoroughly just before using it.

MIX TOOL Heavy-duty drill

INSTALLATION KEMAGLET FX onto the clean and solid surface in a uniform coat. Dry levelling compound is grind with grinding paper, if necessary. Between one and the other layer of KEMAGLET FX is necessary to impregnate substrate with KEMACRYL, KEMAGRUND A diluted with water in a ratio 1:1.

TOOL Trowel.

CLEANING OF TOOL Clean tools immediately after the use before adhesive hardens. Hardened material on tools can only be removed mechanically.

USAGE TIME approx. 1 hour

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**
- 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.
 - 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.
 - Use only recommended amount of water. Use only mixture from undamaged packaging. Do not overdo the layer thickness.
 - The fresh coating must be protected from too fast drying, high temperatures, direct sun, wind, frost and rain at least 48 hours after installation.

Recommendation: Remains of the unhardened/unset material have 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.

PROOFS

NORMS/ STANDARDS In accordance with European standards EN 13279-1

SAFETY DATA

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.



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.