

Handspachtel LEF

Dispersion-based filler/surfacer for the application by hand on interior walls and ceilings.



Product characteristics

Properties	<ul style="list-style-type: none">• Very good filling power• High stability• Non-combustible• No tension• Can be easily sanded• Ready-for-use• Solvent-and plasticizer-free• Wash-resistant• Adherent and impact-proof• Free of fogging-active substances• Diffusion-capable
Areas of application	Interior only
Suitable substrates in detail	<ul style="list-style-type: none">• For smoothing roughly textured plasterings as well as for levelling irregularities• For wall and ceiling areas• For surface qualities of Q2 to Q4

Material description

Binder	Synthetic dispersion
Ingredients	Fillers Additives
Density	Approx. 1.7 kg/l
Layer thickness	Up to 6 mm in one work step
Quality classification	Q2-Q4
Building material class / fire behaviour	A2-s1, d0 (DIN EN 13501)
Average consumption (short text)	approx. 1,600 g/m ² per mm layer thickness
Average consumption	It is advisable to determine the exact consumption figure by producing a sample area.
Colour shade	Natural white
Storage	Cool, but protected from frost
Thinning	This product is ready for use.

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Substrates

Suitable substrates

- All usual mineral substrates (plasters/renders, concrete, masonry)
Adherent existing paint layers
- Gypsum plaster
- Gypsum building boards
- Gypsum wallboards

Substrate conditions

The substrate must be clean, dry, firm and sound. Follow the building regulations (in Germany VOB, Part C, DIN 18363, Section 3). Normal and weak absorbent substrates (such as new concrete areas) generally do not have to be primed. Highly absorbent or crumbling substrates have to be first attended with an appropriate primer of the ALLIGATOR – product range, following the technical specifications.

Substrate conditions

Concrete

Remove forming oil, grease and wax by washing with surfactant. Remove any sintered layers mechanically. Check the absorbency of the concrete by wetting tests. In addition, the guidelines according to BFS Fact Sheet No.1 apply for exterior coatings and the guidelines according to BFS Fact Sheet No. 8 for interior coatings.

Base renders (interior):

Mineral base renders must be thoroughly cured and dry, because otherwise discolouration, in particular with tinted following coats, may occur. As a rule of thumb assume 1 day drying time per mm of layer thickness, but correspondingly longer at low temperatures and high humidity. Excessive temperatures and low relative humidity also lengthen the setting process. Treat replastered locations with fluosilicate. In addition, the guidelines according to BFS Fact Sheet No. 10 apply.

Gypsum blocks

Adjust the primer to absorbency. With coatings destined to bridge capillary cracks, reinforce completely using a fleece. In addition the guidelines of BFS-Fact Sheet No. 17 apply.

Gypsum building boards (interior)

Adjust the primer to absorbency. With coatings destined to bridge capillary cracks, reinforce the entire surface using a fleece. In addition the guidelines of BSF Fact Sheet No. 12 apply. Ingredients which might penetrate have to be isolated before following coatings.

Gypsum plaster, gypsum sand plasters etc.

Remove any sintered layers. For first coatings take care of a sufficient penetration of the primer (e. g. by using a penetrating primer). Additionally the guidelines of BFS Fact Sheet No. 10 apply.

Aerated concrete - interior:

In case of rooms of high humidity, external walls have to be additionally treated by a moisture guard, applied onto their insides. This can be effected applying a two-component coating like e.g. Hydrofox. In addition the guidelines of BFS Fact Sheet No. 11 apply.

Derived timber products (chipboards, OSB-boards etc.) - interior

Have to be covered with a suitable gypsum board or gypsum fibre board as otherwise cracks may occur in the area of butt-joints.

Application

Application method

Application by trowel

Application

Stir the material well. Then apply with a stainless steel trowel and smooth down with appropriate scrapers. Within its working time /open time of approx. 15 minutes use wide smoothing trowels to level the material to flatness.

Application hints

For sanding/grinding of larger surfaces the abrasive "Abranet"-abrasive mesh P 120 from MIRKA is a good practice.

Note

Once the surfacer has been applied and dried, the finished surface needs to be treated with a primer based on the following type of coating material.

The figures given for parameters are average values. Due to the use of natural raw materials in our products, the actual value determined on the individual supplied product may differ slightly without affecting its suitability. These data refer to the white respectively standard product. Tinting may cause deviations.

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Practical hints	Hairline Crack bridging Coatings on Gypsum Plasterboard In correspondence with the building regulations (in Germany VOB/C DIN 18363, Section 3.2.1.2) hairline crack bridging coatings on gypsum plasterboards and gypsum fibreboards can only be realized by the additional embedding of a fleece.
Temperature limit	Between + 5° C and + 30° C for substrate and ambient air during processing and drying.
Drying time	At + 20° C for substrate, ambient air, 65% relative humidity (RH) and 3 mm layer thickness, allow to dry for approx. 12 hours. Low temperatures, a higher humidity, higher layer thicknesses and non-absorbent substrates extend the drying time.
Tool cleaning	Immediately after use with water

Information

Product code	BSW20 (M-DF01)
Hazard statements and safety advice	May cause an allergic skin reaction. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Do not get in eyes, on skin, or on clothing. Wear protective gloves / eye protection. IF ON SKIN: Wash with plenty of soap and water. Use P2 dust filter for grinding. Do not breathe spray dust. Use A2/P2 combination filter for spraying. Clean tools immediately with water and soap. Contains: Benzisothiazolinone, Methyisothiazolinone.
Declaration of ingredients	Poly vinyl acetate dispersion, titanium dioxide, calcium carbonate. siliceous fillers, water, additives, preservatives (methylisothiazolinone, benzisothiazolinone)
Observe safety data sheets	Further details: See Safety Material Data Sheet (MSDS)
VOC content (in gram per litre)	< 1 g/l
WHC	1 (weakly water-polluting)
Waste disposal	Only completely emptied containers should be given for recycling. Dispose containers with residues of liquid product via waste collection point accepting old paints and enamels. Dispose dried hardened product residues as construction site/demolition/ municipal or domestic waste.

Container size

Content	EAN code	Article no.
25 KG	Hobbock 4002822011406	794988

This data sheet cannot deal with all types of application arising in practice. Therefore, we cannot be held responsible for their content. These instructions do not release the purchaser / applicator from his responsibility of professionally examining the substrate and determining the suitability of the product in consideration of the project characteristics. In case of queries please request the technical assistance of ALLIGATOR FARBWERKE.