ALLItex M LEF

Dead matt dispersion-based latex paint of opacity class 1 and wet scrub resistance class 1. Ideal if combined with ALLFAtexx glass fabric and fleece.

Product characteristics

Properties

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- Good to repair (touch-up)
- Resistant against disinfectants as confirmed by test certificate
- Heavy-duty
- Easy to clean
- Slightly filling
- Solvent- and plasticizer-free
- Free of fogging-active substances
- AgBB confirmed

Areas of application

Interior only

Suitable substrates in detail

- Glass fabrics•Stressed wall areas•Sophisticated living quarters

Material description

Binder	Synthetic dispersion
Density	1.5 kg/l
Water vapour permeability	0.14
Maximum particle size	Fine
Wet scrub class	1
Opacity class	1 at 6 - 7 m²/L
Average consumption (short text)	approx. 140 - 160 ml/m²
Average consumption	The consumption varies depending on the application technique and the substrate. It is therefore advisable to determine the exact consumption figure by producing a sample area.
Colour shade	White Base 3 RAL 9010 RAL 9016
Suitable tinting paints	Tinting with system-matching tinting pastes via the ALLFAcolor tinting machine, ready-mixed at the factory or with commercially available tinting and full colour paints or tinting concentrates. Please note that with tinted products the specified properties may change.
Gloss level	Dead matt according to EN 13300
Storage	Cool, but protected from frost

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Thinning

Water

Intermediate coat: 3%. Finishing coat preferably unthinned.

Substrates

Suitable substrates

- All usual mineral substrates (renders/plasters, concrete, masonry)
- Gypsum wallboards and gypsum plasterboards
- Gypsum plaster
- Hardboards
- Precast building materials
- Adherent existing paint layers
- Wood-chip wallpaper
- Glass fabrics

Substrate conditions

The substrate must be clean, dry, firm and sound. Follow the building regulations (in Germany VOB, Part C, DIN 18363, Section 3). Inside renovation coatings can normally be carried out without a special priming coat. For new coatings the surface has to be first attended with an appropriate primer of the ALLIGATOR – product range, following the technical specifications.

Substrate conditions

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.

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.

Aerated concrete - interor:
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. Hydropox. In addition the guidelines of BFS Fact Sheet No. 11 apply.

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.

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.

Application

Application method

Application by brush, roller or spraying

Spraying data

Suitable airless systems with an output of at least 3 l/min.
Airless: Spray pressure in bar: 160 - 190 / spraying angle: 50° / nozzle size in inch: 0.019 - 0.021 / filter: 60 mesh

Coating system

Initial coating
Priming coat with Tiefengrund LKF, Multi-Grund 3 in 1, Grundweiß LEF or Grundierfarbe WP.
Intermediate coating thinned to max. 3%.
Finishing coating: preferably unthinned

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Recoatings
Priming coat with Multi-Grund 3 in 1, Grundweiß LEF or with Grundierfarbe WP. With sound and solid existing paint layers, an additional priming coat can be omitted.
Intermediate coating thinned to max. 3%.
Finishing coating: preferablyunthinned

Due to the great varieties of our production range and individual applications, other primers and coating systems are possible. Please refer to our technical service for support.

Application

When painting pay attention to spread the material liberally and evenly in order to achieve a coat thickness which is necessary for the visual appearance and durability.

Note

Check tinted paint for colour accuracy prior to the application. Objections regarding the colour shade cannot be accepted after the application.

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 date refer to the white respectively standard product. Tinting may cause deviations.

Plasto-elastic joints should not be coated as the higher elasticity of the sealing mass might cause cracks or discolouration of the coating. In individual cases tests have to be carried out to judge the suitability.

Practical hints

Repairs
Touching up surfaces may be more or less visible, even with using the original coating material. Traces are unavoidable according to BFS Fact Sheet No. 25. Whether a repair is considered as optically disturbing is depending on many parameters, like colour shade, gloss level, layer thickness, substrate, illumination etc. It is advisable to apply a test coating on inconspicuous places.

Brilliant and intensive Colour Shades
Brilliant and intensive colour shades may have a lower opacity due to the pigments used. The application of a first coat in a similar defined pastel tint (shown in online price recommendations and the ALLFAcolor tinting machine) normally avoids having to apply a layer on top of the standard rule of coating. On intensive shades in combination with matt / silk matt interior paints mechanical stress (scratching, rubbing) may result in bright stripes (writing effect). To avoid this effect in exposed areas, always use specifically designed interior paints.

Colour Accuracy / Metamerism
The perception of colour shades is influenced by various parameters, such as light, gloss, angle, structure. Substrates of different degrees of irregularities may have different effects despite having been coated with the same material. Coating materials of the same hue but of different gloss levels also appear to be different. Various materials of the same colour shade that appear to be matching by daylight may show strong deviations in artificial light (metamerism effect). In case of increased requirements on matching colours of different building parts, materials and / or surfaces, the BFS Fact Sheet No. 25, section 4.2.2. can be taken into consideration.

New mineral Substrates
New mineral substrates may only be coated after setting and drying, not earlier than after 14 days, better after 4 weeks. In unfavourable drying conditions, the waiting period can be prolonged.

Non-combustibility
According to DIN 4102 (in Germany) the construction material class A (non-combustibility) is retained with usual mineral substrates such like renders/plasters, concrete and also gypsum plasterboard with enclosed surface, even if their surfaces are coated with dispersion based paints. For usability certificate as non-combustible system for interiors with ALLFAtexx glass fibres and fleeces refer to the general construction supervision test report.

Hairline Crack bridging Coatings on Gypsum Plasterboard
In correspondance 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.

Durability
Matt interior paints of wet scrub classes 1 and 2 in compliance with DIN EN 13300 can withstand 200 standardized scrub cycles without showing significant abrasion. Nevertheless mechanical loads (rubbing, scratching) may result in visible traces (slightly changed colour effect and / or gloss level) This is a product specific property and state-of-the-art. In case an increased cleanability is required, we recommend to use glossy or satin finished products like ALLItex SG.

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	Sidelight Unfavourable lighting conditions (sidelight) may occur for instance after the subsequent installation of lights. This fact must be known before works. Specific requirements on evenness and uniformity of the coating have to be previously agreed upon.
Temperature limit	Between + 5° C and + 30° C for substrate and ambient air during processing and drying.
Drying time	At + 20° C for substrate and ambient air and 65% relative humidity (RH), recoatable after approx. 4 - 5 hours. Lower temperature or a higher humidity extend the drying time.
Tool cleaning	Immediately after use with water and soap

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. Contains: 2-methyl-2H-isothiazol-3-one, mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1). Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
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)
Category VOC	EU limit value for the VOC contents of this product: (Category A/a) 30 g/l (2010). This product contains max.
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.
12,5 L	Weiß	4002822014650	983698
5 L	Weiß	4002822014728	983699
2,5 L	Weiß	4002822014858	983700
11,75 L	Base 3	4002822017187	983831
4,7 L	Base 3	4002822017569	983832
2,35 L	Base 3	4002822017958	983843
12,5 L	RAL 9010	4002822015015	983702
12,5 L	RAL 9016	4002822015237	983713

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.

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