

Haft- & Sperrgrund

Solvent-free pigmented primer paint for interior and exterior application, with cationic effect, featuring very good adhesive and isolating properties.



Product characteristics

Properties

- Extreme adhesion promotion
- Recoatable with all solvent- and plasticizer-free dispersion and silicone-resin products
- Very good isolating effect based on cationic technology
- Against nicotine and water stains and penetrating wood contents
- Of low tension
- Ready-for-use

Areas of application

Exterior and interior

Suitable substrates in detail

- As adhesion promoter on smooth and slightly absorbent substrates
- For wall and ceiling areas with nicotine and water spots, in need for renovation
- Particularly stressed wall areas (e.g. in restaurants or similar)

Material description

Binder	Cationic pure acrylate dispersion
Density	1.4 kg/l
Maximum particle size	Fine
Average consumption (short text)	approx. 90 - 100 ml/m ²
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
Suitable tinting paints	Tinting is not possible
Gloss level	Matt
Storage	Cool, but protected from frost

Substrates

Suitable substrates

- All usual mineral substrates (plasters/renders, concrete, masonry)•Fibre cement•Wood and derived timber products•Gypsum plaster•Gypsum plaster boards•Non-absorbent mineral and organic existing paint layers•Plastics and non-ferrous metals•Glass and ceramic surfaces (with initial test coat).

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.

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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 BFS 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.

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.

Metal and synthetic substrates inside

With coatings on metallic substrates e.g. zinc, non-ferrous metals etc., corresponding substrate preparations such as degrease by washing with wetting agent have to be considered. Corroding substrates must be isolated beforehand by means of appropriate priming coats. For interiors Haft- & Sperrgrund can be used as bonding agent. In addition, the guidelines according to BFS Fact Sheet Nos. 5 + 6 apply.

With coatings on synthetic substrates, preliminary works like degreasing or sanding have to be taken care of. For interiors Haft- & Sperrgrund can be used as bonding agent Due to the large variety of synthetics, a test area on the concerning substrate is strongly recommended. In addition, the guidelines according to BFS Fact Sheet No. 22 apply.

Substrate preparations

Wooden components

Sand/grind wood surfaces in fibre direction, clean thoroughly and remove seeping wood components such as resin and resin galls. Remove sharp edges.

Follow BFS-Fact Sheets Nos. 18 and 20.

Iron, steel

Prepare iron and steel as to match standard purity degree SA 21/2 (abrasive blasting) or ST3 (mechanically) in compliance with DIN EN ISO 12944-4.

Zinc, rigid PVC

Preparation by ammonia-water solution containing a wetting agent, using a synthetic non-woven abrasive. In compliance with BFS Fact Sheets Nos. 5 and 22 also possible with Gescha MultiStar (universal concentrated detergent) using a non-woven abrasive or by sweep blasting.

Aluminium

Clean with nitro-cellulose thinner or phosphoric-acid solution using a synthetic non-woven abrasive, in compliance to BFS Fact Sheet No. 6.

Copper

Prepare with Gescha MultiStar (universal concentrated detergent) at a mixing ratio of 1:5 (with water), using a synthetic non-woven abrasive.

Existing paint layers

Existing paint layers have to be sanded/grinded and/or leached. Non-sound paint layers must be removed.

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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
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.
Application hints	The blocking of wood ingredients cannot be assured for every case. In particular cases, larger quantities and particularly soluble wood ingredients may cause discolourations even with two coat layers. It is therefore advisable to produce a test coating.
Note	Protect against humidity particularly with exterior use. Therefore apply the finishing coat within a short period of time. With finishing coats of a longer open-time a penetration of ingredients that are to be isolated, is possible. Do not coat with silicate products.
Compatibility	Do not mix with other products.
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 and 60% relative humidity recoatable after approx. 4 - 6 hours. Low temperatures and higher humidity extend the drying time.
Tool cleaning	Immediately after use with water and soap

Information

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: 1,2-benzisothiazol-3(2H)-one, 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).
Declaration of ingredients	Poly acrylate- dispersion, water, silicious fillers, additives, preservatives (benzisothiazolinone, methylisothiazolinone).
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/g) 350 g/l (2010). This product contains max.
VOC content (in gram per litre)	< 20 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	4002822031886	938055
2,5 L	Weiß	4002822031893	938056

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 FARBERWERKE.