

L-66 Tiefengrund

Solvent-based special primer with penetration efficiency for critical substrates such as absorbent lime- and mineral paint coats, as well as concrete, fibre cement, gypsum and absorbent renders/plasters.



Product characteristics

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| Properties | <ul style="list-style-type: none">• Contains solvents• For absorbing substrate• Highest penetration depth• Extreme solidification of the substrate, even with residual moisture• Can be applied to expanded polystyrene insulation boards (either unthinned or diluted with Grundierfarbe P in a ratio of 1:1)• Can be mixed with Grundierfarbe P at any ratio• Aromatic compound-free• Water-compatible - non swellable• Diffusion capable• Water-repellent (hydrophobizing)• Can be mixed with Grundierfarbe P at any ratio |
| Areas of application | Exterior only |
| Suitable substrates in detail | <ul style="list-style-type: none">• For ETICS in need of renovation• Critical substrates that need to be consolidated |

Material description

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| Binder | Polymer resin |
| Density | approx. 0.9 kg/l kg/l |
| Average consumption (short text) | approx. 180 - 360 ml/m ² |
| Average consumption | It is advisable to determine the exact consumption figure by producing a sample area. |
| Colour shade | Transparent |
| Suitable tinting paints | Max. 10% of commercially available tinting and full colour paints. Please note that with tinted products the specified properties may change. |
| Gloss level | Matt |
| Storage | <ul style="list-style-type: none">• Cool and dry• Also possible below 0° C |
| Thinning | Synthetic resin thinner or spirit |

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Substrates

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| Suitable substrates | All usual mineral substrates (plasters/renders, concrete, masonry) Bricks and sand-lime fair-faced masonry |
| Substrate conditions | The substrate must be clean, dry, frost-free, firm and sound as well as free from efflorescences, algae, moss, fungal attack, sinter layers and release agents. Follow the building regulations (in Germany VOB, Part C, DIN 18363, Section 3). |
| 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 (exterior): 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 humidity also lengthen the setting process. Treat replastered locations with fluosilicate. In addition, the guidelines according to BFS Fact Sheet No. 9 apply. Fibre-cement: Products of fibre-cement have to be primed water based. On exterior surfaces solvent-based primers may be used as well. For constructions showing inaccessible and uncoated rear sides and edges do only use water vapour permeable coatings. Since 01.12.2012 uncoated fibre-cement panels containing asbestos must no longer be coated according to the Ordinance on Hazardous Substances (GefStoffV). For asbestos containing fibre-cement the corresponding directives (in Germany TRGS 519) referring to the handling with asbestos have to be observed. |

Application

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| Application method | Application by brush or roller |
| Application | With prime coats it is recommended that the material is brushed into the substrate using half-length brushes. The primer must not form a closed, shiny film. Apply the material liberally in order to achieve a sufficient impregnation and thus consolidation of the substrate. Critical substrate need to be primed wet-on-wet. |
| Application hints | Do not apply under a glaring sun, during strong wind or on warm substrates. |
| Note | 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. The material contains solvents and must therefore be kept away from open flames and heat sources. Do not smoke while using the product and ensure good ventilation. Foodstuffs and beverages must be evacuated during processing and drying. Caution in closed rooms. |
| Compatibility | Miscible with Grundierfarbe P in any ratio. |
| Practical hints | 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. Masking Works Always use UV-resistant adhesive tapes for exterior works. On completion of the coating, particularly with dispersion paints and / or higher layer thicknesses, immediately remove adhesive tapes, in order to avoid untidy contours. |
| Temperature limit | 0° C. During processing and drying the substrate must be frost-free and dry. |
| Drying time | At + 20° C for substrate and ambient air and 65% relative humidity (RH), recoatable after approx. 24 hours. Lower temperature or a higher humidity extend the drying time. |
| Tool cleaning | Immediately after use with synthetic resin thinner or white spirit |

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Information

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| Hazard statements and safety advice | Flammable liquid and vapour. Causes serious eye damage. May cause drowsiness or dizziness. Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe vapours/ spray. Use only outdoors or in a well-ventilated area. If on skin: Wash with plenty of soap and water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor |
| Declaration of ingredients | Vinyl acetate dispersion, aliphates, water |
| 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/h) 750 g/l (2010). This product contains max. |
| VOC content (in gram per litre) | 630 g/l |
| WHC | 1 (weakly water-polluting) |
| Waste disposal | Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities. In Germany: 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. Only completely emptied containers should be given for recycling. |

Container size

| Content | EAN code | Article no. |
|---------|---------------|-------------|
| 2,5 L | 4002822100391 | 705325 |
| 10 L | 4002822100001 | 705323 |

System specific and system completing products

Grundierfarbe P

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.