

Note on English translation / Hinweise zur englischen Fassung

This is a translation of the product data sheet valid in Germany.

All stated details and properties are in compliance with the regulations of the German standards and building regulations. They are only applicable for the specified products, system components, application rules, and construction details in connection with the specifications of the respective certificates and approvals.

Knauf Gips KG denies any liability for applications outside of Germany as this requires changes acc. to the respective national standards and building regulations.

KNAUF

Putz- und Fassadensysteme

B1202_DSP.de

Produkt-Datenblatt

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Malerweiss E.L.F.

Dull matt, vapour permeable interior emulsion paint

Product description

Very good coverage, dull matt interior emulsion paint for walls and ceilings.

Composition

Polyvinyl acetate emulsion, titanium dioxide, calcium carbonate, silicate fillers, talcum, water, additives, preservatives. May cause allergic reactions.

Storage

The material can be stored for 24 months in the original container in a cool and frost-free environment. Close opened buckets airtight.

Quality

In compliance with EN 13300, the product is subject to continuous factory production control.

Properties and added value

- Low emission
- Free of solvents and softeners
- Free of fogging active substances
- High coverage

- White (approx. RAL 9016)
- Gloss level dull matt
- Can be pigmented with the Knauf ColorConcept colour shade selector card

Field of application

Malerweiss E.L.F. paint is easy to apply. Malerweiss E.L.F. paint is applied manually as an original or renovation coat after a suitable primer has been applied.

- On gypsum plasters (e.g. MP 75, MP 75 L)
- On gypsum plasters with enhanced surface hardness (e.g. MP 75 Diamant)
- On plasters for interior use, (e.g. Pico der Feine)
- On acoustic design boards (e.g. Cleaneo Acoustic)
- On gypsum boards
- On gypsum wallboards
- On paper wallpaper, fleece wallpaper and relief wall coverings

Application

Substrate and pretreatment

| Substrate | Pretreatment |
|--|--|
| Lime-based/cementitious mortar CS II/CS III acc. to EN 998-1 | Pretreat coarse, porous, sanding, highly absorbent substrates with Grundol. |
| Gypsum plasters compliant to EN 13279-1 | Sand gypsum plasters with a sinter skin and remove the dust. Primer coat with Grundol |
| New mineral-based render (e.g. Noblo, SP 260 Pro, Pico der Feine) | Coat without primer coat. Observe the drying times |
| Gypsum boards | Sand down coarse filler and remove the dust. Apply a primer coat of Grundol and if there is a danger of possible yellowing (observe BFS Code of Practice No. 12) apply a barrier coating of Knauf Sperrgrund |
| Gypsum wallboards | Apply a Grundol primer coat for highly absorbent substrates |
| Unpainted paper wallpaper, fleece wallpaper and relief wall coverings. | Coat without primer coat. Apply a trial coat |

Preparation

Check substrate for compliance with VOB part C, DIN 18350, DIN 18345 chapter 3.1 and/or according to VOB part B, DIN 1961 paragraph 4 no. 3. Clean the substrate of dust and remove loose parts, ensure that the surface is smooth. Cover easily-soiled building components before commencement in accordance with Code of Practice "Ablebe- und Abdekarbeiten für Maler- und Stuckateurarbeiten - Masking and covering for painting and stucco work" (German only) issued by the German Bundesverband Ausbau und Fassade.

Preparation of the substrate in accordance with the Substrate/Pretreatment table. All substrates must be stable, dry, even and free of grease and dust as well as free of any residual substances that may reduce the adhesion. Test the stability and compatibility of existing coats (old plasters and paint coats) before application of Malerweiss E.L.F.

Application

Stir Malerweiss E.L.F. paint thoroughly with an electrical agitator before application. Apply a generous, uniform and undiluted coat of Malerweiss E.L.F. paint or diluted by maximum 3 % with water to the substrate. On high-contrast surfaces with high level or different suction properties, a primer coat, diluted with maximum 5 % water, may be necessary. The paint coat can be applied by painting, roller application or by spray painting with airless devices.

Airless machine application

e.g. PFT Samba XL

- Spray pressure 130 to 150 bar
- Nozzle 0.017" to 0.019"
- Nozzle angle 50°

Caution

Dilute material for application by airless machine to a spray viscosity with a maximum of 5 % water. Sift the material before airless machine application.

Application temperature / climate

Do not apply with air and/or substrate temperatures below +5 °C.

Application time

Malerweiss E.L.F. paint is touch dry at +20 °C and 65 % relative humidity after approx. 4 to 6 hours. Fully dry and ready-to-use after at least 3 days. The times are extended at lower temperatures and/or higher levels of air humidity. Ensure a drying time of at least 12 hours between coats.

Cleaning

Clean the equipment and tools with water immediately after use. Wash off paint spatters immediately with clean water.

Notes

Paint coats have to be applied according to DIN 18363 VOB part C section 3 as well as the generally recognized building engineering rules and valid guidelines.

Work fresh-in-fresh in a single work step to avoid the formation of visible edging. Malerweiss E.L.F. paint achieves its full hiding power in the dried state. Painting over when not fully dry can cause crust formation or varying behaviour of the coverage capacity. Slight differences in colour shades can result due to the contained natural aggregates. The colour shade should be verified before application.

When using pigmented Malerweiss E.L.F. paint on optically connected plastered surfaces, only apply materials with the same batch number (when reordering please supply the batch number of the previous delivery) or mix together materials originating from different batches.

Technical data

| Description | Standard | Unit | Malerweiss E.L.F. |
|----------------------|--------------|-------------------|--------------------|
| Contrast ratio | ISO 6504-3 | Category | 2 |
| Yield | | m ² /l | 7 |
| Wet-scrub resistance | ISO 11998 | Class | 3 |
| Grain size | EN ISO 21524 | Class | S1, < 100 µm, fine |
| Density | – | g/cm ³ | 1.53 |

The stated technical data were evaluated acc. to the respective test standards. Deviations under site conditions are possible.

Material requirement and efficiency

| Surface | Application l/bucket | Consumption approx. l/m ² | Yield approx. m ² /bucket |
|---------|----------------------|--------------------------------------|--------------------------------------|
| Smooth | 5.0 | 0.14 | 36.0 |
| | 12.5 | | 89.0 |
| Rough | 5.0 | 0.18 | 28.0 |
| | 12.5 | | 69.0 |

The exact consumption can only be determined with a test application on the individual object.

Product range

| Description | Application l | Paint | Packaging unit Bucket / pallet | Material number | EAN |
|-------------------|---------------|-------|--------------------------------|-----------------|---------------|
| Malerweiss E.L.F. | 12.5 | White | 32 | 00140768 | 4006379073825 |
| | 5.0 | White | 68 | 00140783 | 4006379073832 |



Observe safety data sheet!

For safety data sheets and CE marking see
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