

## Technical data sheet

# Hydro-Haft- & Tiefgrund



### Product description

**Characteristics:**

- Primer for exterior and interior
- With integrated nanoscale siloxane bonds
- Siloxane enhanced
- Outstanding solidification effect
- With integrated bonds for following coatings
- No barrier build-up when applying too much material
- Very good adhesion even on smooth undergrounds
- Excellent penetration, even with gypsum, gypsumfiller, gypsum board, gypsum plasters and similar undergrounds
- Water repellent characteristics due to silane agents
- Problem solver for critical undergrounds
- Preservative-free
- Free of solvents and harmful emissions

### Material

<b>Application area:</b>	For exterior and interior use, on chalking, absorbent and sanding substrates.
<b>Binding agent:</b>	100 % pure acrylic-dispersion, ultra-dispersing
<b>Colour:</b>	Light green
<b>Specific gravity:</b>	1.01 g/cm <sup>3</sup>
<b>pH value:</b>	Approx. 10
<b>Diluting agent:</b>	Water
<b>Viscosity:</b>	Watery



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# MFD Hydro-Haft- & Tiefgrund



### Application characteristics

<b>Application:</b>	Brush. Do not apply on sun heated substrates, during strong winds, at high temperatures, extremely high humidity, in fog or rain. Consider the risk of night frost. If necessary, protect the façade with suitable scaffolding-nets or tarpaulins.
<b>Underground:</b>	Needs to be clean, dry and free of loose particles. For underground treatment and application VOB, part C, DIN 18363 and the relevant BFS information must be observed.
<b>Coating build-up:</b>	MFD Hydro-Haft- & Tiefgrund to be used pure, without any dilution. For highly absorbent substrates MFD Hydro-Haft- & Tiefgrund should be applied twice, wet in wet.
<b>Spreading rate per coating:</b>	Approx. 100 - 150 ml/m <sup>2</sup> on smooth underground (if necessary test on the wall).
<b>Application temperature:</b>	At least + 5°C (Degrees Celsius) for air and underground during application and drying.
<b>Drying:</b>	<p>The surface of the coating is dry and can be painted over after 8 hours (at a temperature of 20 °C and a relative atmospheric humidity of 65 %). High humidity, low temperatures and low air exchange extend the hardening and drying time.</p> <p>In case of adverse weather conditions always take appropriate actions (e.g. rain protection) to protect work areas and freshly painted surfaces.</p>
<b>Cleaning of tools:</b>	Clean with water immediately after use.

### General information

<b>Storage:</b>	Cool, but not freezing.
<b>Shelf-life:</b>	Can be stored for at least 12 months after date of filling (see additional sticker) if stored properly in the unopened original packaging.
<b>Packaging:</b>	10 l / 5 l
<b>Ingredients:</b>	Acrylic dispersion, water, additives.
<b>Preservative-free:</b>	Preservative-free according to VdL guideline 01 or equivalent RAL DE-UZ102.
<b>Safety:</b>	Please follow the instructions of the safety data sheet.
<b>Labelling:</b>	This product is not classified according to EU regulation No 1272/2008 [CLP].
<b>VOC content:</b>	EU-Limit for the product Kat. A/h: 30 g/l (2010). This product contains < 1 g/l VOC.
<b>Waste disposal:</b>	Empty containers can be disposed for recycling. Any dried residues of material can be disposed of as construction waste or together with domestic garbage. Containers with liquid material residues must be disposed of according to local regulations. For further information, please contact your local waste authority.
<b>Advice acc. to CLP:</b>	Keep out of reach of children. Wear appropriate respiratory protection (full mask / half mask equipped with filter type A2/P2). Avoid eating, drinking and smoking during use of the product. Ensure good ventilation during and after application. In case of contact with eyes or skin, rinse immediately with plenty of water. Do not empty into drains or water courses. Reduce waste of material by estimating necessary quantity before. Keep surplus paint for later use. Further use of paint has a positive impact on the environmental effects of the product during its life cycle. Safety data sheet available on request.