

Technical data sheet

Hydro PowerGrip Gel



Product description

Characteristics:

- Special primer with solidifying effects
- New gel structure
- Ideal for application by roller and "airless spray equipment"
- 100 % pure acrylate
- With integrated nanoscale siloxane bonds
- Perfectly solidifies the underground
- Reduces absorbency of substrates
- Good adhesion for subsequent coatings
- No barrier build-up when applying too much material
- Extremely good adhesion on many substrates, even on smooth surfaces
- Unsaponifiable
- For exterior and interior use
- Plasticizer-free
- Preservative-free
- Free of solvents and emissions

Material

Application Area:

For exterior and interior use on absorbent and non-absorbent substrates such as old coatings, gypsum fillers, gypsum (without lignin traces), concrete, sand-lime brick, lime-cement plaster and similar substrates. For sanding, chalking and absorbing substrates (for example machine-applied gypsum plaster, light plaster, etc.) we recommend to use MFD Hydro-Haft-& Tiefgrund as primer to consolidate the underground.

Binding Agent:

100 % pure acrylic-dispersion, ultra-dispersing

Colour:

Light green

Specific gravity:

1.02 g/cm³

pH value:

Approx. 10

Diluting agent:

Water

Viscosity:

Gelatinous

Application Characteristics

Application:

Brush / roller / spray (airless). 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.

Underground:

Needs to be clean, free of grease, dry and solid and free of loose particles. For sanding, chalking and highly absorbing substrates (for example machine-applied gypsum plaster, light plaster etc.) we recommend to use MFD Hydro-Haft-& Tiefgrund as primer to consolidate the underground. In principle, the primer to be used should be tested for suitability by test application. For underground treatment and application VOB, part C, DIN 18363 and the relevant BFS information must be observed.

MFD Hydro PowerGrip Gel



Application Characteristics

Coating build-up:	Use product without dilution.
Spreading rate per coating:	Approx. 120 - 150 ml/m ² on smooth underground (if necessary test on the wall).
Application temperature:	At least + 5°C (Degrees Celsius) for air and underground during application and drying.
Drying:	<p>The surface of the coating is dry and can be painted over after 8 - 10 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 times.</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>
Cleaning of tools:	Clean with water immediately after use.

General information

Storage:	Cool, but not freezing.
Shelf-life:	Can be stored for at least 12 months after date of filling (see additional sticker) if stored properly in the unopened original packaging.
Packaging:	10 l / 5 l
Ingredients:	Pure acrylic dispersion, water, additives.
Preservative-free:	Preservative-free according to VdL guideline 01 or equivalent RAL DE-UZ102.
Safety:	Please follow the instructions of the safety data sheet.
Labelling:	This product is not classified according to EU regulation No 1272/2008 [CLP].
VOC content:	EU-Limit for the product Kat. A/h: 30 g/l (2010). This product contains < 1 g/l VOC.
Waste disposal:	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.
Advice acc. to CLP:	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 paint 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.