



Technical data sheet

Iso-Grund

Product description

Characteristics:

- Watery isolation primer for exterior and interior use
- White pigmented with good hiding power
- Water-thinnable
- Tension-free
- Very good isolating performance against stains of nicotine, soot, water, lignin, bitumen and tea, permanent markers and ball pens
- Suitable for undergrounds with lignin marks (e.g. gypsum board)
- Very good adhesion on wood, old coatings, glass, non-ferrous metals, tiles
- Very low spreading rate of about 100 ml/m² per coating
- Usually ready to work over with all MFD products, resin-plasters or light wallpapers after 6 hours

Material

Application Area:

For both new buildings and renovation, use directly on substrates such as gypsum, plasterboards, concrete, mortar, wood. For subsequent coatings you can use resin plasters, dispersion paints or light wallpapers. Also compatible with styro-foam.

Binding agent:

Water-thinnable polymerisate resin

Colour:

White

Content of solids:

Approx. 55 %

Specific gravity:

1.43 g/cm³

pH value:

Approx. 5.5

Diluting agent:

Water

Viscosity:

Slightly thixotropic

Steam diffusion:

S_D = approx. 0.05 m

Acc. to DIN EN 52615



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MFD Iso-Grund

Application characteristics

Application:	Brush / roller / spray (airless). During drying place food and cigarettes outside. Usually MFD Iso-Grund can be painted over with water-based paints after 4 to 6 hours (depending on temperature and humidity). MFD Iso-Grund may not be exposed to rain, therefore quick painting over is necessary if used outside.
Underground:	Needs to be clean, dry, and solid. Do not apply on distempers. Usually a pre-treatment of the underground is not necessary. But if necessary you can use MFD Hydro-Haft-& Tiefgrund first to consolidate the underground. For underground treatment and application VOB, part C, DIN 18363 and the relevant BFS information must be observed.
Coating build-up:	Brush / roller: ready-to-use = use without any dilution. (Any dilution reduces the isolating effect). <u>Airless:</u> dilution: up to 5 % water nozzle: 0.021 – 0.027 Inch pressure: 180 – 200 bar filter: 60 Mesh The exact spraying parameters depend on the type of spraying unit and should be determined individually for every object. Final coating with e.g. MFD Iso-Matt-Aqua or MFD Doppeldecker In case MFD Iso-Grund is used as prior coating outside, use MFD paints for exterior use on silicon-resin or dispersion base as final coating.
Spreading rate per coating:	Approx. 100 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:	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 time.
Tinting:	Product can be tinted with max. 3 % universal tinting pastes (with reservation, check suitability first). Tinting may lead to variations in the technical data. Remark: Do not tint with customary dispersion tinting paints. Do not mix with dispersion paints. Colour accuracy: property conditions have an influence on colour accuracy and the uniformity of colour. The following conditions should be avoided: <ul style="list-style-type: none">a. Irregularly sucking substrateb. Different surface humidity in the substratec. Patches with different alkalinity and / or ingredients from the substrate
Cleaning of tools:	Clean with water immediately after use.

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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:	12.5 l / 5 l
Ingredients acc. to. VdL RL01:	Water-thinnable polymerisate resin, white pigments, silicate, additives, preservative, BIT, CIT/MIT (3:1).
Safety:	Please follow the instructions of the safety data sheet.
Labelling:	This product is not classified according to EU regulation No 1272/2008 [CLP].
GISCODE:	BSW20
VOC content:	EU-Limit for the product Kat. A/g: 30 g/l (2010). This product contains < 30 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 for use and safety acc. to CLP:	Keep out of reach of children. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. 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. Contains: 1,2-Benzisothiazol-3(2H)-on; CIT and MIT (3:1): 5-Chlor-2-methyl-2H-isothiazol-3-on and 2-Methyl-2H-isothiazol-3-on. May produce an allergic reaction. Safety data sheet available on request. Advice for people suffering from isothiazolinone allergy under phone-no.: +49(0)2058/789-0.