

Technical data sheet

Renovierfarbe

Product description

Characteristics:

- Solvent-based mat paint for interior use
- Excellently suitable for isolation of stains of nicotine, soot, lignin and dried water stains
- Also well suitable for water sensitive substrates such as textile wallpapers or wallpapers which tend to produce bubbles when recoated with dispersion paints.
- Free of aromatics (VdL-RL-01)
- Low tension after drying
- After 3 days MFD Renovierfarbe can be recoated even with water-based paints or redecorated (please see special remark), without losing its isolation properties.
- Matt
- Low-odour
- No yellowing

DIN EN 13300

- Wet scrub resistance: R-class 2
- Contrast ratio: hiding power H₁₀-class 2 (≥ 98 and < 99.5) at a spreading rate of 7 m²/l
- Gloss level: G4 dull matt (reflectometer value ≤ 5 at 85° measuring angle)
- Maximum particle (grit) size: S1 fine ($< 100 \mu\text{m}$)

Material

Application Area:

For interior use on new and old solid undergrounds, such as plasters of mortar groups P I, P II and P III, lime – lime cement – and cement plaster, plasters of mortar groups P IV and P V, gypsum – gypsum sand and lime gypsum plaster, anhydrite plasters, gypsum carton board and gypsum boards, concrete (concrete must be at least 21 days old), aerated concrete, facing masonry made of sand-lime stone and brickwork, woodchip wallpapers and embossed wallpapers. Old dispersion paint coatings, coated glass fibre wall coverings and synthetic resin plasters. Old mineral paint coatings. Also compatible with polystyrene, provided MFD Renovierfarbe is used undiluted.

Binding agent:

Acrylate resin, alkyd resin

Colour:

White

Content of solids:

Approx. 78 %

Specific gravity:

Ca. 1,5 – 1,6 g/cm³

Diluting agent:

White spirit free of aromatics

Viscosity:

Slightly thixotropic



Technical data sheet

MFD Renovierfarbe

Application characteristics

Application:	Brush, roller or spray application. For spray application observe the manufacturer's instructions for nozzle size and material pressure. Wear suitable (respiratory) protective equipment. Ensure good ventilation during and after use. Make sure food and cigarettes are placed outside during application and drying. Use only solvent resistant tools.
Underground:	Needs to be clean, dry, and solid and free from all substances that may prevent good adhesion. Uncertain substrates must be checked with respect to sustainability and suitability for subsequent coatings. If necessary, create a test surface and check adhesion. If necessary, use MFD Hydro-Haft-& Tiefgrund first. For underground treatment and application VOB, part C, DIN 18363 and the relevant BFS information must be observed.
Surface preparation:	<p>The treatment / removal of paint coats by grinding, welding, burning etc. may produce dangerous dust and / or vapour. Wear suitable (respiratory) protective equipment, if necessary.</p> <p>Surface preparation: <u>Surfaces with strong contamination</u>, such as greasy layers or after fire damage must be cleaned first in order to secure adhesion of the paint. All substrates can be coated with MFD Renovierfarbe straight away. <u>Plasters of the mortar groups P I, P II, P III, P IV and P V:</u> remove sintered layers by grinding. Coat with MFD Renovierfarbe without pretreatment. <u>Concrete:</u> remove any residues from separating agents, for example by steam jet cleaning. <u>Old dispersion paint coatings, synthetic resin plasters and coated glass fibre wall coverings:</u> strong contaminations must be washed off. <u>Non-sustainable coatings:</u> such as old distemper or old dispersion paint coats to be completely removed first. <u>Strong contaminations, grease and other separating substances:</u> wash off with ammonium water or a suitable domestic cleaner.</p>
Coating build-up:	Roller / brush: Ready to use.
Special advice:	<p>MFD Renovierfarbe is based on synthetic resin, therefore highly alkaline substrates and/or top coats are subject to risk of saponification with strong odor.</p> <p>In case of heavily sooted substrates and / or rough surfaces which should get a recoating with water-based paints (i.e. dispersion paints, dispersion plasters), it needs at least 2 coats with plenty of undiluted MFD Renovierfarbe. The first coat needs at least 16 hours of drying. After the 2nd coat it needs at least 24 hours of drying before recoating with thin layers (i.e. dispersion paints) and at least 48 hours of drying before recoating with thick layers (i.e. plasters) (at a temperature of +20° C and a relative atmospheric humidity of 60 %). If the kind of staining cannot be identified, we recommend to do a test coating and to check the isolating properties. When coating sealants, such as acrylate sealants, there is a risk of cracking due to higher elasticity. Depending on the ingredients of the sealants discolouration and gloss differences may occur for the coating.</p>
Spreading rate per coating:	Approx. 140 - 170 ml/m ² on smooth underground (if necessary, test on the wall).
Application temperature:	At least 1°C (Degrees Celsius) for air and underground during application and drying.
Drying:	<p>At a temperature of +20° C and a relative atmospheric humidity of 60 %: can be recoated with itself: on absorbent substrates after approx. 30 minutes, on non-absorbent substrates after approx. 2 - 3 hours, fully dry after 2 - 3 days. can be recoated with dispersion paint or redecorated after approx. 3 days High humidity, low temperatures and low air exchange extend the hardening and drying time.</p>
Tinting:	<p>Product can be tinted with max. 3 % of standard oil tinting paints or tinting concentrates (subject to reservation, check suitability first). When adding higher quantities, particles might be seeped out.</p> <p>Colour accuracy: property conditions have an influence on colour accuracy and the uniformity of colour. The following conditions should be avoided:</p> <ol style="list-style-type: none">Irregularly absorbent substrateDifferent surface humidity in the substratePatches with different alkalinity and / or ingredients from the substrate
Cleaning of tools:	Clean with white spirit or standard brush cleaner immediately after use

Technical data sheet

MFD Renovierfarbe

General information

Storage:	Cool, dry and safely closed. Frost-resistant up to -15° C.
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:	Acrylate resin, alkyd resin, titanium dioxide, mineral fillers, silicate fillers, aliphatics, glycol ether, anti-skinning agent, rheology additive, dispersant.
Safety:	Please follow the instructions of the safety data sheet.
Product code:	BSL 20
VOC content:	EU-Limit for the product Kat. A/g: 350 g/l (2010). This product contains ≤ 350 g/l VOC.
Hazard warning:	H226 Flammable liquid and vapour.
Supplementary hazard warning:	EUH 066 Repeated exposure may cause skin dryness or cracking.
Safety advice:	<p>P102 Keep out of reach of children.</p> <p>Prevention: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>Reaction: P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>Disposal: P501 Contents/container to be disposed of through approved disposal contractor or taken to municipal collection point.</p>
General safety advice:	<p>Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Ensure good ventilation during and after use and drying. Keep away from food, drink and animal feeding stuffs. Avoid contact with eyes and skin. Do not breathe dust when grinding. Use only in well ventilated areas. Do not eat, drink, smoke or sniff during work. In case of contamination of rivers, lakes or drains the local authorities must be contacted in accordance with the local requirements. Safety data sheet available on request.</p>
Waste disposal:	Empty containers can be disposed for recycling. Dispose of in accordance with legal regulations.
Advice:	After a drying time of 3 days MFD Renovierfarbe can be recoated with water-based paints without losing its isolation properties. During these 3 days recoating can only be done with MFD Renovierfarbe. In sensitive areas the use of MFD Iso-Grund or MFD Iso-Matt Aqua should be preferred.