

TECHNICAL DATA SHEET

30002 METHACRYL- FUSSBODENFARBE



AREA OF APPLICATION

Methacryl-Fußbodenfarbe is a silk gloss, low-emission, single-component, abrasion-resistant coating for floors subject to normal strain in interiors and exteriors. The product is suitable for cellars, storage spaces, showrooms, and balconies. Methacryl-Fußbodenfarbe can be used for coating secondary containment tanks, secondary containment rooms, and surfaces made of concrete, render, and screed in LAU facilities.

PROPERTIES

- low-emission – meets the requirements of the Committee for Health-related Evaluation of Building Products
- with technical approval for heating oil secondary containment tanks
- slip resistance class R11
- high abrasion resistance
- high durability
- good weatherability
- water-dilutable
- resistance to diluted acids and alkaline solutions
- resistance to salt and engine oil
- not suitable for vehicle traffic

COLOUR SHADE:

9110 white, RAL 7032 pebble grey, RAL 7023 concrete grey

ALL-COLOR FACTORY TINTING: other colour shades available

CONTAINER: 1 l, 2.5 l, 10 l

COVERAGE: 150 - 200 ml/m² per application cycle depending on substrate

GLOSS LEVEL: mid sheen class G2 according to EN 1062-1

DENSITY: approx. 1.3 g/cm³

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GENERAL RULES:

The substrate must be prepared and the coating work performed in accordance with the state of the art. All coatings and preliminary work should always be geared towards the project and the requirements it is exposed to. Please also observe the current BFS data sheets, published by the German Federal Committee for Paints and the Protection of Objects. Also see German construction contract procedures (VOB), Part C, DIN 18363, Paragraph 3 "Painting and coating work". Treating/removing layers of paint by sanding, welding, burning off, etc. can cause harmful dust and/or vapours. Only carry out work in well-ventilated areas. Use appropriate breathing apparatus/protective equipment, if necessary. All substrates must be clean, dry, load-bearing, and free from release agents. Substrates must be checked in terms of their load-bearing capacity and suitability for subsequent coatings. If necessary, create a test surface and test the adhesion.

SUBSTRATES

SUBSTRATE PREPARATION:

RESISTANT, HEAVILY SOILED SURFACES:

Clean thoroughly using a high-pressure hot steam cleaner.

EXISTING PAINT COATS:

Remove any coatings which are loose or non-adherent. Clean tightly adhering coatings with commercially

available cleaning agents, then sand the coatings.

SINTER SKIN LAYERS:

Remove using a floor sanding machine.

CRACKS AND HOLES:

Cut and chisel out, fill using suitable repair mortar, and level out so that the material is surface-flush.

APPLICATION:

Painting, rolling, or spraying. If spraying, observe the equipment manufacturer's specifications regarding nozzle width and material pressure.

PAINT BUILD-UP:

When coating secondary containment tanks, secondary containment chambers, and surfaces made of concrete, render, and screed in LAU facilities, observe the specifications in the technical approval. The overall dry layer thickness (interior application 0.6 mm; exterior application 0.8 mm) must be observed in accordance with II 1 (2) in the technical approval.

A dry layer thickness of 0.2 mm is applied in a single application cycle during application in accordance with the Technical Data Sheet and the technical approval. The individual layers of paint must be applied alternately. The information in the German Ordinance on Installations for the Handling of Substances Hazardous to Water (AwSV) includes the specification that installations and parts of installations (Sections 13 and 14) may only be erected, have their interiors cleaned, repaired, and decommissioned by specialist companies (see Sections 45 and 62).

ALL OTHER INTERIOR COATINGS:

Prime with 1x coating of Methacryl-Fußbodenfarbe (diluted with water, 10 %). Apply 2x coatings of undiluted Methacryl-Fußbodenfarbe.

EXTERIORS:

Prime with Wikulac to regulate suction power and consolidate the substrate. Then apply 2x coatings of undiluted Methacryl-Fußbodenfarbe (rolling, painting, or spraying).

SUBSTRATE WITH RISING DAMP:

Substrates affected by rising damp can be wet-in-wet primed with Wikulac (please refer to the Technical Data Sheet for Wikulac). Optimum ventilation during application and drying should be ensured when using Wikulac in interiors. Do not apply over large areas in residential interiors. Please observe the Technical Data Sheet for Wikulac.

APPLICATION TEMPERATURE:

Do not apply or leave to dry at an object and air temperature of less than + 8 °C.

DILUTION:

Dilute up to max. 10 % with water.

TOOL CLEANING:

Clean with water after use. Collect the cleaning / rinsing water and dispose of it properly.

DRYING

(+ 20 °C / 60 % rel. humidity)

Resistant, ready for foot traffic, and over-coatable after approx. 8 hours
Mechanically resistant: after 3 days
Fully dry: after 7 days

BUILDING PHYSICAL DATA

Water vapour diffusion-equivalent air layer thickness in accordance with EN ISO 7783-2: μ = approx. 6,500
Water vapour diffusion sd value in accordance with EN ISO 7783-2: 1.3 m, water permeability rate w in accordance with EN 1062-3: < 0.10 [kg/(m²*h*0.5)] (class W3 low), dry layer thickness in accordance with EN 1062-1: 200 μ m (one-time application). All specifications are average values. Minor deviations are possible as a result of fluctuations due to raw materials.

This does not affect the suitability of the product.

COLOUR RETENTION IN ACCORDANCE WITH BFS DATA SHEET NO. 26

Class A, group 1 – 3 depending on the colour shade. Colour shades with organic pigments (groups 2 and 3) may only be used in interiors.

SPECIAL INFORMATION

Do not use on floor areas subject to significant vehicle traffic (in garages and on industrial flooring, for example). For these purposes, we recommend SÜDWEST 2K-EpoxiSiegel.

Only apply one coating per day on all floor areas; this will ensure overall faster hardening. To improve application, Methacryl-Fußbodenfarbe can be diluted with water (approx. 2 – 3 %). 3 coatings are required when embedding reinforcing mesh.

SÜDWEST Methacryl-Fußbodenfarbe is not suitable for surfaces with standing water. Exterior surfaces that are exposed to moisture must have a sufficient inclination.

EC DIRECTIVE 2004/42/CE

The Methacryl-Fußbodenfarbe product falls below the maximum VOC value of product category i (140 g/l) and is therefore VOC-compliant.

VDL (GERMAN PAINT AND PRINTING INK ASSOCIATION) DECLARATION

Polymer dispersion, titanium dioxide, silicate extenders, water, glycol ether, surface additive, thickeners, wetting agents, dispersing agents, anti-foaming agents, storage preservative based on BIT/ZPT

GISCODE BSW20

GENERAL SAFETY ADVICE

Good ventilation must be ensured while paints and varnishes are being applied and are drying. Keep away from food, drink, and animal feed. Avoid contact with skin and eyes. Do not breathe in dust during sanding work. Keep out of reach of children. Do not allow to enter ground water,

bodies of water, or the sewer system in undiluted or large quantities.

Further information and the current safety data sheet are available at www.suedwest.de

STORAGE

Close opened containers so that they are airtight after use. Store in cool but frost-free conditions.

DISPOSAL

Only return empty containers for recycling. Dispose of containers with residues at the responsible hazardous waste centre. Dispose of dried paint brushes and rollers with residual waste. Do not dispose of paint or rinse painting tools in sinks or drains.

TECHNICAL CONSULTATION

Our sales representatives will be happy to answer any questions which have not been covered by this Technical Data Sheet. Our technical customer service team at the factory is also available to answer any detailed queries you may have. (06324/709-0).

DISCLAIMER

We are committed to taking the utmost care. However, we are only able to provide general information based on our own experiences, developments, and investigations, and these naturally cannot take the individual conditions of a project (substrates, weather conditions, other conditions) into account. The applicator is therefore obliged to maintain their knowledge in accordance with the state of the art and act responsibly. Our employees are available to provide specific advice and will be happy to do so. We accept no responsibility for the use of the product in combination with other products. The data provided in this Technical Data Sheet does not constitute binding information or liability. Furthermore, suspension or the appearance of a subsequent edition will invalidate this Technical Data Sheet; information about this can be accessed at any time on our website: www.suedwest.de.

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