SÜDWEST



TECHNICAL DATA SHEET

30685 ISOLIERFARBE L

AREA OF APPLICATION

Solvent-containing, abrasion-resistant dead-matt stain-blocking paint for the reliable renovation of intensive soiling e.g. caused by nicotine, soot, lignin, or water stains. Also suitable for substrates that are sensitive to water, e.g. fabric wallpaper or wallpaper that bubbles when overcoated with emulsion paints.

PROPERTIES

- highly effective at preventing the types of stains mentioned above
- Non-yellowing
- Free from aromatic compounds (VdL-RL-01)
- Very good hiding power
- Low-tension drying behaviour
- Also suitable for polystyrene

COLOUR SHADE: 9110 white

ALL-COLOR FACTORY TINTING: available in pastel shades

CONTAINER: 5 l, 12.5 l

COVERAGE: approx. 140–170 ml/m² per coat; may vary based on absorption capacity and roughness of the substrate.

DATA IN ACCORDANCE WITH DIN EN 13300:

1) Wet-scrub abrasion R class 2 (abrasion-resistant)
2) Gloss level G4 – dead-matt
3) Contrast ratio H_{10} class 2 for 7 m²/l
4) Max. grain size S1 – fine (< 100 µm)
5) Density approx. 1.4 g/cm3

AREA OF APPLICATION

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.

SUBSTRATE

Plasters and renders in mortar groups P I, P II, and P III, lime, lime cement, and cement render, plasters and renders in mortar groups P IV and PV, gypsum, gypsum sand, and gypsum-lime plaster, anhydrite plaster, gypsum plasterboards, gypsum construction boards, concrete, cellular concrete, fair-faced masonry made from calcium silicate masonry units and brick, wood-chip wallpaper and embossed wallpaper made from paper. Existing emulsion paint coats, coated fibreglass wall coatings, and synthetic resin renders. Existing mineral paint substrates.

SUBSTRATE PREPARATION:

Heavily soiled substrates (e.g. covered with layers of grease or damaged by fire) must be cleaned first in order not to compromise the subsequent adhesion of the paint. SÜDWEST Isolierfarbe L can be applied directly to all coating substrates.

PLASTERS AND RENDERS IN MORTAR GROUPS PI, P II, P III, P IV, AND PV:
Remove sintered layers by sanding. Coat with SÜDWEST Isolierfarbe L without pre-treatment.

CONCRETE:
Remove releasing agent residue, e.g. from jet washing.

EXISTING EMULSION PAINT COATS, SYNTHETIC RESIN RENDERS, AND COATED FIBREGLASS WALL COATINGS:
Wash off heavy soiling.

NON-LOAD BEARING COATINGS:
e.g. existing distemper or emulsion paint coats; remove all traces before starting work.

IRON, STEEL, ZINC, ALUMINIUM, RIGID PVC:
Prime with SÜDWEST All-Grund (refer to the Technical Data Sheet).

HEAVY CONTAMINATION, GREASE, AND OTHER RELEASE AGENTS:
Wash off with ammonium chloride or a suitable household cleaner.

MOULD-INFESTED SURFACES:
Pre-treat with SÜDWEST Schimmel-Fresser and paint with two generous coats of SÜDWEST Isolierfarbe L. To avoid repeat infestation, these surfaces must be covered with two coats of SÜDWEST FungiStop after a drying time of at least 36 hours. (Refer to the Technical Data Sheets.)

APPLICATION

Apply 1–2 coats undiluted by paint brush, roller, or airless spraying.

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APPLICATION TEMPERATURE:
Can be applied at up to +1°C.

AIRLESS SPRAYING:
Nozzle: 0.018"–0.026"
Pressure: 150–180 bar
Nozzle angle: 50°

Please also pay attention to the equipment manufacturer's recommendations when using in a spray process.

TOOL CLEANING:
Clean with alkyd resin lacquer thinner after use. Dispose of cleaning agents in accordance with regulations. (A different thinner may also be used).

DRYING

(at +20°C / 60 % rel. humidity)
Can be painted (with a second coat of the same product):
On absorbent substrates after approx. 30 minutes. On non-absorbent substrates after approx. 2 – 3 hours.
Fully dry after approx. 2 – 3 days.
Can be painted with emulsion paint or wallpapered over after approx. 36 hours.

SPECIAL INFORMATION

If heavily soiled substrates and/or substrates with rough surfaces are to be painted with water-based coatings (e.g. emulsion paints or emulsion-based plasters) once the stain-blocking product has been applied, at least two generous coats should be applied undiluted. The first coat should be left to dry for at least 16 hours. After the second coating, a drying time of 24 hours should be allowed before painting over with thin-layer coating materials (e.g. emulsion paints) and 48 hours for thick-layer coating materials (e.g. SÜDWEST plasters). (+20°C / 60 % rel. humidity). For undefined soiling, we recommend painting a sample surface area to test the stain-blocking effect. Increased elasticity can cause cracks to appear in the coating film/plaster when coating/overcoating sealants such as acrylate sealants. Furthermore, discolouration and/or differences in gloss levels may appear in the coating depending on the composition of the sealants.
Warning! Please only use solvent-resistant tools. Wear respiratory protection if necessary. Use white spirit or a commercially available brush cleaner to clean tools. Tinting with commercially available oil tinter paints or tinting concentrates up to max. 3 % is possible. Adding greater quantities can cause a floating effect.

EC DIRECTIVE 2004/42/CE

The Isolierfarbe L product falls below the maximum VOC value of product category g (350 g/l) and is therefore VOC-compliant.

VDL DECLARATION

Acrylic resin, alkyd resin, titanium dioxide, mineral extenders, silicate extenders, organic extenders, aliphatics, glycol ether, anti-skinning agents, rheology additive, dispersing agent

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. Only use in well-ventilated areas. Do not eat, drink, smoke, or inhale snuff tobacco during work. Keep out of reach of children. Do not allow to enter the sewer system or bodies of water. If rivers, lakes, or drains become contaminated, inform the relevant authorities in accordance with the local laws.

Further information and the current SDS are available at www.suedwest.de.

STORAGE

Store in a cool, frost-resistant place up to -15°C

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 force 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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