



TECHNICAL DATA SHEET

30735 SILCOTOPIN

AREA OF APPLICATION

Dead-matt single-coat paint tested for harmful substances with very high hiding power for wall and ceiling areas in interiors that are sensitive to glancing light. Resistant to surface disinfectant (in accordance with current assessment).

TÜV SÜD testing for health-related ingredients and emissions; regular product and process monitoring; ingredients monitoring (www.tuvsud.com/schadstoffpruefung-bauprodukte)

COLOUR SHADE: 9110 white

ALL-COLOR FACTORY TINTING: available in pastel shades

CONTAINER: 5 l, 12.5 l

COVERAGE: 130–150 ml/m² per coat; may vary based on absorption capacity and roughness of the substrate.

WATER VAPOUR DIFFUSION SD VALUE: < 0.10 (class V1 high) in accordance with EN ISO 7783-2

DATA IN ACCORDANCE WITH DIN EN 13300:

- 1) **Wet-scrub resistance** R class 2
- 2) **Gloss level** G4 dead-matt
- 3) **Contrast ratio/hiding power** H₁₀ class 1 with a spreading rate of approx. 7 m²/l
- 4) **Max. grain size** S1 fine (< 100 µm)
- 5) **Density** approx. 1.3–1.5 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

SUBSTRATE PREPARATION:

Can be applied directly to substrates with normal absorption capacity. Prime crumbling or heavily absorbent substrates (e.g. gypsum plaster) with SÜDWEST InnenGrund, or in extreme cases with SÜDWEST TiefenGrund LH. Apply SÜDWEST GrundierFarbe to create an evenly absorbent substrate for surface areas that are particularly sensitive to glancing light. We recommend using SÜDWEST Isolierfarbe W or SÜDWEST Isolierfarbe L on substrates soiled with nicotine, water stains, soot, grease, oil, or similar substances. Pre-treat mouldy substrates with SÜDWEST mould remover. We recommend using SÜDWEST FungiStop in areas that are at risk of mould (read the Technical Data Sheets).

APPLICATION

Paint brush, roller, or airless spraying.

Apply one or two coats as needed. Depending on the absorption capacity of the substrate, you may need to dilute the first coat with up to 5 % water. If necessary, the top paint coat can be diluted with up to 5 % water.

APPLICATION TEMPERATURE:

Do not apply or leave to dry at an air or project temperature of less than +5°C.

AIRLESS SPRAYING:

Nozzle: 0.018"–0.026"
Pressure: 150–180 bar
Nozzle angle: 50°
Dilution: approx. 5 % with water

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

SPECIAL INFORMATION

Tinting with commercially available mass tone and tinter paints is possible. The amount of tinting concentrate added should not exceed 1 %. Adding pigment concentrates may introduce small amounts of solvent and/or plasticiser. The user is responsible for testing the suitability of disinfectants not mentioned in the assessment. 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.

EC DIRECTIVE 2004/42/CE

The SilcoTopIn product falls below the maximum VOC value of product category a (30 g/l) and is therefore VOC-compliant.

VDL DECLARATION

Polymer dispersion, titanium dioxide, silicate extenders, mineral extenders, water, thickeners, dispersing agents, anti-foaming agents, wetting agents, storage preservative based on BIT/ZPT, storage preservative based on CIT/MIT 3:1.

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 SDS are available at www.suedwest.de

STORAGE

Tightly sealed, cool, and frost-free.

DISPOSAL

Only recycle empty containers. Dispose of them in accordance with current legal requirements.

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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