



TECHNICAL DATA SHEET

30525 BÖLAZINC

AREA OF APPLICATION

Antirust protection and adhesion primer based on metallic zinc/epoxy ester for new and bare metal substrates (cold galvanising). Anti-corrosion coating for iron structures and structural steelwork, e.g. chassis, masts, pipes, ventilation systems, etc. Can be used to touch up weld seams on galvanised substrates.

PROPERTIES

- Electrochemical protection effect to prevent rust penetration and rust formation
- Rapid drying
- Highly heat-resistant up to + 150 °C dry heat
- Weather-resistant
- High zinc content (72 %) for reliable protection against corrosion

COLOUR SHADE: 7387 grey

CONTAINER: 750 ml, 2.5 l

COVERAGE: approx. 100 ml/m² per coating

GLOSS LEVEL: matt

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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 by means of a cross cut and/or mesh tape tear-off. For coating build-ups, carry out intermediate sanding in between the individual coatings.

SUBSTRATE

Bare metallic iron and steel (not for application on existing coatings or residual rust), galvanised substrates with defects.

SUBSTRATE PREPARATION:

The substrates must be dry and clean, as well as free from dust, grease, and rust. Remove any mill scale by sanding or grit blasting. Degree of purity standard SA 2 1/2. (Observe BFS data sheet no. 4.) Remove oils and grease by washing off and use a suitable rinsing thinner. Treat bare metal with SÜDWEST bölazinc immediately after derusting.

APPLICATION

Stir well and apply one generous coat undiluted with a brush or by roller.

THINNING/TOOL CLEANING:

SÜDWEST 2K-Acryl Verdünnung

DRYING

(+20°C / 60 % rel. humidity)
Touch-dry: after approx. 3 h
Can be painted: after approx. 24 h
Fully dry: after approx. 36 h

HEAT RESISTANCE:

150°C permanent exposure (dry heat)
200°C short-time exposure (dry heat)

SPECIAL INFORMATION

The maximum permitted dry-layer thickness is 100 µm. To improve weatherability, paint over with SÜDWEST Super-Dickschutz Uni or SÜDWEST Super-Dickschutz EG within 1 week if possible. Zinc dust coatings that are more than 1 week old will require zinc cleaning compliant with BFS data sheet no. 5 (with SÜDWEST Zink- und Kunststoff-Reiniger). Do not paint over with lacquers containing aggressive solvents, e.g. liquid plastic coating or two-component lacquer.

EC DIRECTIVE 2004/42/CE

The bölazinc product falls below the maximum VOC value of product category i (500 g/l) and is therefore VOC-compliant.

VDL DECLARATION

Epoxy resin ester, aromatic and aliphatic hydrocarbon mixtures, alcohols, zinc dust, wetting agents, phyllosilicates, antioxidants, driers, molecular sieve.

GISCODE BSL40

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

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

DISPOSAL

Only recycle empty containers. The current legal requirements regarding disposal must be observed.

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.

STATUS: 2025/NOVEMBER/KM