



TECHNICAL DATA SHEET

30305 LBN-100

AREA OF APPLICATION

Exterior and interior. Synthetic resin-based primer for protection against corrosion, free from aromatic compounds. Very quick-drying adhesion primer for iron and steel. Primer for single-component top paint coats, e.g. on machinery (agricultural machines, construction machines, commercial vehicles), as well as for applications in industry and trade. Can be overpainted with single-component alkyd resin lacquers and two-component PUR lacquers after through-drying.

PROPERTIES

- Very quick drying
- Active protection against corrosion
- Good adhesion
- Impact-resistant
- Scratch-resistant
- Heat-resistant up to 100°C (dry heat)
- Can be overpainted with nitro and 2K-Acryl-Lacken
- Chromate-free and lead-free
- Free from aromatic compounds (VdL-RL-01)

COLOUR SHADE: 7135 light grey

CONTAINER: 1 l, 5 l
Large container on request

COVERAGE: 60 – 80 ml/m² per coating

GLOSS LEVEL: matt

DENSITY: approx. 1.36 g/cm³

USE

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

SUBSTRATE PREPARATION:

EXISTING COATINGS:

Check for a firm hold. Completely remove existing non-load bearing coatings and build up again according to the substrate. Thoroughly clean and sand load-bearing existing coatings.

IRON AND STEEL:

Derust thoroughly. Remove any mill scale, etc. by sanding or grit blasting.

APPLICATION

Stir well and apply generously and undiluted with a brush or by roller.

caution:

Application by roller or spraying is recommended for larger connected surfaces, as the material dries very quickly.

HIGH-PRESSURE SPRAYING:

e.g. with SATAjet 3000RP/SATAjet RP
Nozzle: 2.0 / 2.5
Pressure: 1.5–2.0 bar

Pressure and nozzle parameters for other sprayers should be set in compliance with the relevant equipment manufacturer's specifications.

DILUTION/TOOL:

Alkyd resin lacquer thinning agent (free from aromatic compounds), white spirit.

DRYING

(+20°C / 60 % rel. humidity, 60 µm wet-layer thickness)

Dust-dry: approx. 30 min

Touch-dry: approx. 1 h

Over-coatable: approx. 5 h with single-component lacquers (synthetic resin)
approx. 24 h with two-component PUR lacquers

Higher layer thicknesses and/or lower temperatures delay the drying times.

SPECIAL INFORMATION

Do not leave LBN-100 exposed to weathering for more than 1 week without finishing lacquer. Intermediate sanding is required if drying takes more than 3 days. Solvent-based alkyd resin lacquers have a characteristic odour which may still be perceptible after drying. For large-area application in common rooms, we therefore recommend using

SÜDWEST water-based paints which are recommended for indoor use.

Drying delays and gloss level deviations are possible in the case of horizontal painted surfaces and/or poorly ventilated drying rooms. Ensure adequate warmth and ventilation. Optimum through-drying and hardening of the entire layer is ensured with material application of max. 100 µm per coating. Avoid higher wet-layer thicknesses, e.g. when spraying on horizontal surfaces, as this will delay through-drying considerably.

EC DIRECTIVE 2004/42/CE

The LBN-100 product falls below the maximum VOC value of product category I (500 g/l) and is therefore VOC-compliant.

VDL DECLARATION

Alkyd resins mineral white pigments, mineral fillers, corrosion protection pigments, aliphatic hydrocarbon mixtures, wetting agents, phyllosilicates, corrosion inhibitors, driers, surface additives, antioxidants

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/JANUARY/KM