



TECHNICAL DATA SHEET

# 30230 TIEFENGRUND LH

## AREA OF APPLICATION

Solvent-containing deep-acting primer for consolidating chalking coatings or crumbling plasters, as well as for regulating suction power in interiors and exteriors.

## PROPERTIES

- Free from aromatic compounds (VdL-RL-01)
- Low-odour
- solvent-containing
- High penetration capacity
- Depth and surface-consolidating
- Resistant to saponification
- Binds water-soluble ingredients
- Not swellable
- Can be overcoated with solvent-containing finishing coats

**COLOUR SHADE:** 0901 colourless

**CONTAINER:** 12 l

**COVERAGE:** 200–600 ml/m<sup>2</sup> per coating, depending on the absorption capacity of the substrate

**DENSITY:** approx. 0.8 g/m<sup>3</sup>

## 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 PI, PII, PIII, PIV, and PV (lime, lime cement mortar, gypsum, gypsum sand, gypsum-lime mortar, anhydrite mortar, anhydrite lime mortar)
- Cementitious screed
- Anhydrite coatings
- Gypsum building panels and gypsum plasterboards
- Cement fibre boards
- Concrete
- cellular concrete
- calcium silicate masonry units
- Brick
- Breeze block
- Wood
- Old, weathered, and porous existing paint coats and thin-coat renders

## SUBSTRATE PREPARATION:

### Exterior surface areas:

External renders in mortar groups PII and PIII:

Allow newly applied coatings to dry for 2–4 weeks with good ventilation. Remove release agents on concrete with a wetting agent foam wash. Remove environmental grime with a jet wash. Treat surfaces exposed to algae attack with

SÜDWEST Fungan®. Enlarge crack formation and knock off lumps of paint from thin-coat renders.

### Interior surface areas:

Plasters in mortar groups PI, PII, and PIII: Allow newly applied coatings to dry for 2–4 weeks with good ventilation. Allow plasters in mortar group PI to dry for at least 4 weeks. Clean coarse soiling with a jet wash if necessary. Wash off normal soiling on interior walls and ceilings using ammonium chloride or – depending on the type and degree of soiling – an intensive cleaner or commercially available household cleaner. Remove sintered layers of any type by sanding.

## APPLICATION

Paint or (airless) spray the product undiluted onto substrates with normal absorption capacity. If spraying, observe the equipment manufacturer's specifications regarding nozzle width and material pressure. For application on substrates which have a high absorption capacity and/or are very porous, SÜDWEST TiefenGrund LH can be diluted 2:1 with white spirit or alkyd resin lacquer thinning agent for initial priming.

### APPLICATION TEMPERATURE:

Do not apply at a project or air temperature of less than +1°C and do not leave to dry at a project or air temperature of less than +5°C.

### CLEANING THE TOOLS:

Clean with white spirit or alkyd resin lacquer thinning agent immediately after use.

## DRYING

(+20°C / 60 % rel. humidity)

Surface-dry or can be painted – depending on applied quantity – after 24–48 h with good ventilation.

Drying times will be longer at lower temperatures and higher humidities.

### SPECIAL INFORMATION

Always saturate substrates when using SÜDWEST TiefenGrund LH. The "wet-in-wet" method must be used for maximum depth penetration in substrates with high absorption capacity.

Do not work on heated substrates or in strong, direct sunlight. The priming coat must not form a gloss film layer on the surface. Prior to starting work, cover highly absorbent substrates that are not to be painted in order to avoid staining. Fresh splashes of deep-acting primer can be wiped off non-absorbent substrates (e.g. glass, metal, etc.) with alkyd resin lacquer or nitro and universal thinning agents. Highly absorbent replastered spots and filled spots will require a priming coat. Do not mix with filled lacquers, etc., for priming, as this would significantly reduce the depth of penetration. Compliance with applicable regional and local environmental regulations and guidelines is a mandatory requirement when carrying out cleaning work outdoors. There may be an unpleasant odour for several days following application on substrates with high absorption capacity. Wait for the solvent stench to lose some of its intensity before applying the next coat if possible.

#### caution:

Please wear breathing protection in interiors and if ventilation is insufficient.

### EC DIRECTIVE 2004/42/CE

The TiefenGrund LH product falls below the maximum VOC value of product category h (750 g/l) and is therefore VOC-compliant.

### VDL DECLARATION

Polymerisation resin, aliphatics

### GISCODE BSL40

### GENERAL SAFETY ADVICE

Only for commercial users / experts. 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](http://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](http://www.suedwest.de).

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