



TECHNICAL DATA SHEET

30066

WDVSMART

FLEXSCHLÄMME

AREA OF APPLICATION

WDVSmart FlexSchlämme can be used for many different purposes: not only as an adhesive compound, a reinforcing compound, and a sealing compound, but also as a protective coating in exteriors. The material is mixed by weight 1:1 with cement.

PROPERTIES

- All-purpose
- Act as a bonding agent for bitumen substrates
- Can be used in plinth areas
- Protects against moisture formation
- Can be used as a waterproofing layer in window sills

COLOUR SHADE: white (grey-white depending on the amount of cement added)

CONTAINER: 18 kg

COVERAGE:

version	Coverage
Primer and moisture protection coat	0.5 kg/m ²
Sealing	3.9 kg/m ²
Bonding of plinth insulation boards	2.0 kg/m ²
Reinforcement	1.3 kg/m ²
(Values without cement)	

According to the composition and absorption capacity of the substrate. Create a sample to obtain more accurate values.

TECHNICAL DATA:

Density	approx. 1.2 g/cm ³
Grain size	< 5 mm

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.

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SUBSTRATE

The substrate must be dry, clean, and load-bearing, as well as free from efflorescence and release layers; non-load bearing coatings and loose parts must be removed.

APPLICATION

MATERIAL PREPARATION:

CEM II A/LL, CEM II B/LL prepared; add up to 10 % water if necessary to adjust to the required application consistency. White Portland cement turns the surface lighter and makes the material smoother.

APPLICATION BY PAINTING AS A PRIMING COAT AND MOISTURE PROTECTION COAT:

Apply with a brush diluted up to 10 % with water.

AS A WATERPROOFING COMPOUND:

Fill over an existing priming coat (DIN-compliant bitumen waterproofing layer, adhesion primer); the minimum layer thickness of 3 mm must not be exceeded. An optional pre-coat with 10 % diluted product can be applied when creating a waterproofing layer on window sills.

AS BONDING MORTAR:

Apply to the plinth insulation boards with the notched trowel 15x15 mm. Also suitable for application by pressing the trowel onto the product slightly and pulling it away again, hence creating small spikes.

AS A REINFORCING COMPOUND:

Treat the product like regular large-area reinforcement. Apply to the insulation boards with a rust-free smoothing trowel, embed glass-fibre mesh in the upper third, and trowel over. The glass-fibre mesh must be completely covered.

APPLICATION TEMPERATURE:

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

TIME FOR APPLICATION:

Once cement has been stirred in, the product has a pot life of approx. 30 minutes, depending on temperature and weather conditions.

SPRAY VALUES:

Please follow the equipment manufacturer's instructions.

APPLICATION INSTRUCTIONS:

Ensure compliance with applicable legislation and directives (e.g. building regulations, EneV, etc.), BFS data sheet no. 21, information from the Fachverband Wärmedämmverbundsystem in Germany, and the relevant EWIS system approval, as well as the technical approval for the anchors. Further directives including BFS data sheet no. 19 and following also apply, along with other valid regulations governing rendering and plastering.

DRYING

At +20°C temperature (air and substrate), 65 % relative air humidity. Overcoatable after 24 hours at the earliest; drying times will be longer at lower temperatures and higher humidities. Take suitable protective measures if the weather is unfavourable during drying (e.g. rain, etc.).

SPECIAL INFORMATION

Cement is an alkaline material; heed the manufacturer's safety advice. Observe the SDS.

PRODUCT-SPECIFIC INFORMATION

This is not a masonry waterproofing product or a waterproofing layer

compliant with DIN 18533. Only organic finishing renders and plasters can be applied to SÜDWEST Flexschlämme. The requirement for plaster primer is determined by type and colour shade.

STORAGE

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

TOOL CLEANING:

Clean with water after use. Collect the cleaning / rinsing water and dispose of it properly.

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.

COMPOSITION

Polymer dispersion, silicate extenders, mineral extenders, organic extenders, water, glycol ether, hydrophobic agents, flow additives, thickeners, anti-foaming agents, storage preservative based on 1,2-benzisothiazolin-3-one (BIT), storage preservative based on bronopol (INN).

GENERAL SAFETY ADVICE

Good ventilation must be ensured while paints, varnishes, and plasters are being applied and are drying. Keep away from food, drink, and animal feed. Avoid contact with skin and eyes. Do not breathe dust during application. 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.

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.

STATUS: 2026/JULY/RE