



TECHNICAL DATA SHEET

30071

WDVSMART

ARMIERUNGSGEWEBE FEIN

AREA OF APPLICATION

WDVSmart Armierungsgewebe Fein is an all-purpose alkali-resistant reinforcing mesh with a mesh width of 4x4 mm.

PROPERTIES

- 1.10 m width
- Alkali-resistant
- Plasticiser-free
- High tensile strength
- Non-slip
- Suitable for interiors and exteriors

COLOUR SHADE: white

CONTAINER: 50 m roll x 1.1 m width

COVERAGE:

version	Coverage
	1 m/m

TECHNICAL DATA:

Mesh width	4 x 4 mm
Mass per unit area	approx. 165 g/m ²
Tear strength	> 1,750 N/5 cm
Remaining tear resistance after ageing	> 1,000 N/5 cm

The characteristic values stated are average values or approximate values. Due to the use of natural raw materials in our products, the stated values can vary slightly in the same delivery batch without adversely affecting the suitability of the product.

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, as appropriate for the type of use and the substrate: BFS data sheets 9 (for coatings on external render), 13 (for coatings on brick fair-faced masonry), 14 (for coatings on fibre cement boards and asbestos-cement boards), 19 (for cracks in external render (coating and reinforcement)), 19.1 (for cracks in rendered and non-rendered masonry), 20.1 (for the assessment of substrates for rendering and plastering), 21 (technical directives for the application of external wall insulation systems). 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:

Read and follow the Technical Data Sheet for the corresponding reinforcing compound. The insulation boards must be installed flat and flush. The insulant adhesive must be cured as appropriate.

APPLICATION

Embed the reinforcing mesh in the upper third of the freshly applied reinforcing compound, without bubbles and creases. Overlap adjacent bitumen sheets approx.

10 cm at the joints. Work wet-in-wet to ensure full-surface coverage of the mesh. Cut off 1–2 mm above the bottom edge at starter tracks.

The application of diagonal reinforcement at building openings (e.g. doors, windows) in advance is a mandatory requirement. This can be done with a reinforcing patch or a lintel brick slip; diagonal reinforcement with strips of mesh (minimum dimensions 20 x 40 cm) is also possible as an alternative.

APPLICATION TEMPERATURE:

Read and follow the Technical Data Sheet for the corresponding reinforcing compound.

APPLICATION NOTES:

Ensure compliance with applicable legislation and directives (e.g. building regulations, EnEV, Buildings Energy Act in Germany, 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.

SPECIAL INFORMATION

Mesh must be fully integrated.

APPROVALS

Z-33.41-955 WDVSmart EPS bonded
Z-33.43-956 WDVSmart bonded + anchor-fixed

STORAGE

Store dry, protected against moisture.

DISPOSAL

Ensure compliance with applicable local directives. The product is made from glass fibres.

TECHNICAL CONSULTATION

Please contact our technical customer service team (06324-709-0) if you have any questions that have not been answered in this Technical Data Sheet or relate to a specific project. We would be happy to provide further assistance.

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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