



TECHNICAL DATA SHEET

30084

WDVSMART

FUGENDICHTBAND

AREA OF APPLICATION

WDVSmart Fugendichtband is a pre-compressed, self-adhesive joint sealing tape made from flexible foam. Used for the formation of connections that are resistant to driving rain, impregnated on the reverse.

PROPERTIES

- Completely impregnated
- Service class BG 1 in accordance with DIN 18542
- Resistant to driving rain, provided the joint width falls within the specified range (e.g. 5 – 12 mm)
- Resistant to driving rain
- Self-adhesive
- Pre-compressed

COLOUR SHADE: grey

CONTAINER:

2 – 6 mm 180 m/box, 10 rolls per box
5 – 12 mm 90 m/box, 10 rolls per box

COVERAGE:

version	Consumption
2–6 mm expansion / 15 mm width	1 m/m
5–12 mm expansion / 15 mm width	1 m/m

TECHNICAL DATA:

Reaction to fire	DIN 4102	B1
Stress group	DIN 1854 2	BG 1
Temperature-resistant		-40°C to 100°C
Resistant to driving rain	EN 1027	600 Pa

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

The substrate must be clean, dry, dust-free, and free from release layers.

SUBSTRATE PREPARATION:

Remove soiling with suitable cleaning agents if necessary.

APPLICATION

Select the correct type as appropriate for the joint. Work directly from the roll, it can expand fully after initial opening. The joint sealing tape is bonded to the designated substrate (e.g. doors, windows, etc.) by pulling off the protective film. The outer impregnated sides of the joint sealing tape must be aligned with the outer surfaces of the insulation boards. Complete expansion of the tape prior to installation of the insulation boards will not have a detrimental effect on its sealing effect. When installing insulation boards, press them onto the sealing tape until the tape is restored almost to its original thickness. For internal corners, about the joint sealing tape closely; do not lay around corners or overlap.

Do not allow the effect of the sealing tape to be impaired by adhesive or reinforcing compound, or by plaster/render. The joint sealing tape should also be used for large-area reinforcement. For application along the length of the surface of a building element, to avoid tearing, a separating cut should be made in the reinforcing compound immediately after its application. The same applies for the final layer of plaster/render.

APPLICATION TEMPERATURE:

Lowest substrate and air temperature:

+5°C

Highest substrate and air temperature:

+25°C

Maximum rel. ambient humidity 65 %

APPLICATION NOTES:

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.

SPECIAL INFORMATION

The expansion of the tape is independent of the ambient temperature and cannot be affected by it.

STORAGE

Store dry, protected against moisture.
Store closed to avoid swelling.

DISPOSAL

Ensure compliance with applicable local directives.

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 dust when sanding. 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

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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