



TECHNICAL DATA SHEET

30077

WDVSMART

ANSCHLUSSPROFIL PLUS

AREA OF APPLICATION

WDVSmart Anschlussprofil Plus is used for the sealing of connection joints on e.g. windows and doors in the WDVSmart insulation system.

PROPERTIES

- Expanding profile made of TPE
- Class A in accordance with VDPM data sheet
- Self-adhesive
- Highly resistant to driving rain
- Insulant thickness up to 300 mm possible
- Three-dimensional movement capability
- With break-off protective strip

COLOUR SHADE: white

CONTAINER:

profile 2.60 m – 65 m/box
Profile 1.55 m – 38.75 m/box

COVERAGE:

version	Consumption
2.60 m	1 m/m
1.55 m	1 m/m

TECHNICAL DATA:

Resistant to driving rain up to	600 Pa
Elongation	Up to +5.0 mm
Compression	Up to -2.2 mm
Transverse/longitudinal shear	Up to +-3.2 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.

SUBSTRATE

Window and door frames, fixed installation and static roller shutter rails.

SUBSTRATE PREPARATION:

Load-bearing, even, stable substrate. Free from release agents and dry. Substrates must be cleaned with a suitable cleaning agent. Pre-coated substrates must be checked and then primed if necessary. Prior to fitting the profile, joints, grooves, and corner areas like those on windows and doors, for example, must be closed to create a flat surface. Carry out an adhesion test with the profile. Fit a profile piece 10 cm in length. Wait at least 10 minutes then knock off or remove. The substrate has passed the adhesion test if:

- Adhesive surfaces are continuous and seamless
- Adhesive surfaces > 80 % of the contact surface

- Tearing occurs in the foam tape of the profile and not on the adhesive surface

APPLICATION

Fit the insulation boards immediately prior to installation to avoid damage or adhesion problems affecting the profile. Fit the vertical profiles before the horizontal ones. Do not remove the protective strips until immediately before installing the profile. Press down firmly on the profile to establish an adhesive bond with the adhesive. Do not notch insulation boards more than is necessary. Overlap the strips of mesh from the profile with the mesh angle bead or the large-area reinforcement by at least 10 cm. The reinforcement and external render must not cover the protective flap and/or flexible membrane made of TPE. Wait for the finishing coat to dry completely before breaking off the protective flap, otherwise the coating might spall.

APPLICATION TEMPERATURE:

Do not fit the profile at an ambient or substrate temperature of less than +5°C or more than +40°C.

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. Beyond the EWIS, the corresponding BFS data sheet applies.

SPECIAL INFORMATION

Windows and doors must be fixed in accordance with the state of the art in order to prevent undue movement. Once fitted, there is a narrow joint between the profile and the window, door, etc.; this joint may vary due to the high movement capability of the profile. The profile has a lip seal and a flexible membrane made of TPE, do not paint over them. Use suitable sealants to seal corner areas, insofar as is necessary.

STORAGE

Store dry, protected against moisture.

DISPOSAL

Ensure compliance with applicable legal directives governing normal construction waste.

COMPOSITION

Plastic profile with integrated strips of mesh.

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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