

EFFISUS SEALEXPAND TAPE

DESCRIPTION

Effisus Sealexand Tape is a polymer dispersion impregnated PUR sealing tape. In its compressed state, it is ideal for use against driving rain, dust and drafts.

With the appropriate compression, it offers reliable protection against driving rain up to 300 Pa (this is equivalent to strong gale force 9). Effisus Sealexand Tape can also be used as sound insulation. It meets the high qualification requirements for the BG2 classification in accordance with DIN 18542:2020.

TECHNICAL DATA

Technical data	Standard	Classification
Material description		Impregnated PUR flexible foam
Impregnant		Fire resistant polymeric dispersion
Colour		Grey, Black
Classification, according to	DIN 18542	BG 2
Air permeability coefficient	DIN EN 12114	$a \leq 0.1 \text{ m}^3/[\text{h.m.}(\text{daPa})^{-1}]$
Impermeable to driving rain, single joint	DIN EN 1027	$\geq 300 \text{ Pa}$
Temperature stability range	DIN 18542	-30°C to +90°C
UV light and weather stability	DIN 18542	Requirements fulfilled
Compatibility with adjacent building materials	DIN 18542	Requirements fulfilled
Dimension tolerance	DIN 7715 T5 P3	Requirements fulfilled
Thermal conductivity	DIN EN 12667	$\lambda = 0.052 \text{ W/m.K}$
Building material class	DIN 4102	B1 (fire resistant)
Water vapour diffusion resistance	DIN EN 12572	$\mu \leq 100$
Sd - value	DIN EN 12572	≤ 0.5 for 50mm width (vapour dispersion permeability)
Shelf life		1 year, dry and in original packing
Storage temperature		+1°C to +20°C

OTHERS

Product advantages

Complies with DIN 18542 BG 2 and UK Building Regulations.

Seals against driving rain, wind and dust.

Permanently elastic with life long movement capacity.

Vapour diffusion permeable – breathable.

Thermal and acoustic insulating properties.

Self-adhesive to aid installation/location.

Can be painted with standard emulsion paints.

Compatible with all known building materials/areas.

Constant quality control to DIN standards.

Applications

Effisus Sealexand Tape is suitable for sealing joints and connections in building constructions and facades. It is particularly suitable for applications involving windows, metal, masonry, wood and drywall constructions. Effisus Sealexand Tape can also be used as a thermal barrier tape.

Packing

Pre-compressed rolls with one side self adhesive (to aid installation) in cardboard cartons.

Dimension joint depth x width	Recommended joint width*	(metres) carton
8 / 1 - 2	1-2 mm	740,0
10 / 1 - 2		600,0
15 / 1 - 2		400,0
10 / 1 - 4	1-4 mm	390,0
15 / 1 - 4		260,0
20 / 1 - 4		195,0
15 / 2 - 6	2-6 mm	240,0
20 / 2 - 6		180,0
30 / 2 - 6		120,0
15 / 4 - 9	4-9 mm	160,0
20 / 4 - 9		120,0
30 / 4 - 9		80,0
15 / 5 - 12	5-12 mm	112,0
20 / 5 - 12		84,0
30 / 5 - 12		56,0
15 / 6 - 15	6-15 mm	86,0
20 / 6 - 15		64,5
30 / 6 - 15		43,0
20 / 9 - 20	9-20 mm	49,5
25 / 9 - 20		39,6
30 / 9 - 20		33,0
25 / 11 - 25	11-25 mm	31,2
30 / 11 - 25		26,0
40 / 11 - 25		18,2

Alternative dimensions available on request

* Movement in the structure and temporary longitude changes are to be taken into account when determining the max. joint width.

Version

V 1.3 – MD – 14/07/2020