

## EFFISUS SEALEXPAND XTRA600 TAPE

### DESCRIPTION

The Effisus SealExpand XTRA600 Tape, according to DIN standard 18542 BG1, is a sealing tape consisting of impregnated foam. It serves for the primary sealing of seams and junctions directly exposed to weather. It is sound and heat absorbing, in addition to sealing against wind, dust and spray water, thereby reducing energy costs immediately and maintaining the value of the building structure.

### TECHNICAL DATA

Technical data	Standard	Classification
Material description		Polyurethane flexible foam
Impregnant		Special flame-resistant acrylate
Colour		Grey, Black
Joint permeability (a-value)	DIN EN 12114	$a \leq 0.1 \text{ m}^3 / (\text{h.m.}(\text{daPa})\text{n})$
Air tightness	DIN EN 12114	$a \leq 0.1 \text{ m}^3 / (\text{h.m.}(\text{daPa})\text{n})$
Driving rain resistance	DIN EN 1027	DIN 18542 BG1 $\geq 600 \text{ Pa}$
Temperature-change resistance	DIN 18542 BG1	-30°C to +90°C
Compatibility with other building materials	DIN 18542 BG1	Requirements fulfilled
Construction material class / reaction to fire	DIN 4102-1	B1 (low flammability) ABP-No. P-NDS04-850
Water vapour permeability, sd-value	EN ISO 12572	< 0.5m
Joint sound absorption, ift regulations	SC-01/2 2002-09	RST,w,max = 59 dB
Thermal conductivity	DIN 52612	$\Lambda_{10,\text{tr}} = 0,0540 \text{ W}/(\text{m.K})$
Resistance against salt solutions and alkaline liquids	BRL-K407 / D2	Requirements fulfilled according to regulations
Storage time		2 years at room temperature <20°C in original packaging

### OTHERS

#### Applications

Window construction, interior construction  
 Façade engineering (including natural stone)  
 Thermo insulation composite system, latticework, wood and metal construction  
 Pre-fabricated housing, container and roof construction (e.g. wind-tight bonding of foil), noise protection, etc.

#### Colour / Delivery forms

grey, black  
 pre-compressed onto a roll  
 not pre-compressed in strips of 2,00 m

## OTHERS

### Characteristics\*

Compatible with adjoining building materials according to DIN 18542 BG1  
 Driving rain resistant <sup>3</sup> 600 Pa, open to vapour diffusion according to DIN 18542 BG1  
 Temperature-change resistance tested according to DIN 18542 BG1  
 Resistant to the effects of light and moisture acc. DIN 18542 BG1  
 Reaction to fire according to DIN 4102-1 B1, ABP-Nr. P-NDS04-850  
 Consistent quality guaranteed through regular third-party- and self-monitoring (MPA Bau Hannover, ift Rosenheim)

### Product advantages\*

Sound and heat absorbing  
 Seals against wind, dust and driving rain controlled expanding behavior

\* The characteristics are partially dependent on the amount of pressure applied. See separate handling and laying instructions.

Dimension joint depth x width	Recommended joint width*	(metres) carton
8 / 1 - 2	1-2 mm	1800
10 / 1 - 2		1440
15 / 1 - 2		960
10 / 1 - 4	1-4 mm	864
15 / 1 - 4		576
20 / 1 - 4		432
15 / 2 - 6	2-6 mm	512
20 / 2 - 6		384
30 / 2 - 6		256
15 / 4 - 9	4-9 mm	384
20 / 4 - 9		288
30 / 4 - 9		192
15 / 5 - 12	5-12 mm	256
20 / 5 - 12		192
30 / 5 - 12		128
15 / 6 - 15	6-15 mm	256
20 / 6 - 15		192
30 / 6 - 15		128
20 / 9 - 20	9-20 mm	96
30 / 9 - 20		64
25 / 11 - 25	11-25 mm	38
30 / 11 - 25		32

Alternative dimensions available on request. Dimensional tolerance according to DIN 7715 P3.

### Version

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