

## EFFISUS SEALEXPAND XTRA450 TAPE

### DESCRIPTION

The Effisus Sealexexpand XTRA450 Tape is a joint sealing tape consisting of impregnated foam. It is utilized in the interior and exterior sealing of joints and connections against driving rain tested up to even 450 pa in window construction, as well as the entire sector of building construction. Due to its special properties, it is particularly useful for the coupling in window frames. The simple installation enables a fast and efficient sealing, even with complicated connections

### 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	
Driving rain resistance	DIN EN 1027	DIN 18542 BG2 up to 450Pa
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	B2 (normal flammability) ABP-No. P-NDS04-850
Water vapour permeability, sd-value	EN ISO 12572	< 0.5m
Storage time		2 years at room temperature <20°C in original packaging

### OTHERS

#### Applications

Window and interior construction  
Façade engineering, wood and metal construction  
Concrete and dry-walling  
Pre-fabricated housing, container and roof construction etc.

#### Colour / Delivery forms

Grey, black  
Pre-compressed onto a roll

#### Characteristics\*

Reaction to fire according to DIN 4102-1 B2, ABP-Nr. P-NDS04-1045  
Open to water vapour diffusion acc. to DIN 18542 BG2

## Effisus Sealexexpand XTRA450 Tape

### Product advantages\*

Seals against driving rain, wind, dust and water spray  
Heat and sound absorbing  
Controlled expanding behaviour

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

### Processing

The joint edges need to run parallel. Measure the width of the joints and choose the appropriate tape size in compliance with the joint tolerance determined and any joint movement (if necessary use several tape sizes). As far as the joint depth is concerned, please note that the tape has to be laid inwards by 2 mm from the front edge of the joint for safety reasons. If installed in joints underlying particularly high strains (parking decks, sewage plants, bridge construction, etc) please provide us with the appropriate details, so that we may provide you with the corresponding technical support.

Dimension joint depth x width	Recommended joint width*	(metres) carton
10/2-3	2-3	864
15/2-3		576
10/3-5	3-5	864
15/3-5		576
10/3-6	3-6	768
15/3-6		512
15/4-8	4-8	384
20/4-8		288
15/5-10	5-10	384
20/5-10		288
15/7-12	7-12	320
20/7-12		240
25/9-15	9-15	152
30/9-15		128
25/10-18	10-18	-
30/10-18		-
30/14-24	14-24	-
40/14-24		-

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

### Version

V 1.1 – AP – 01/09/2016