

LEAKSEAL® TPE Flexible Tape

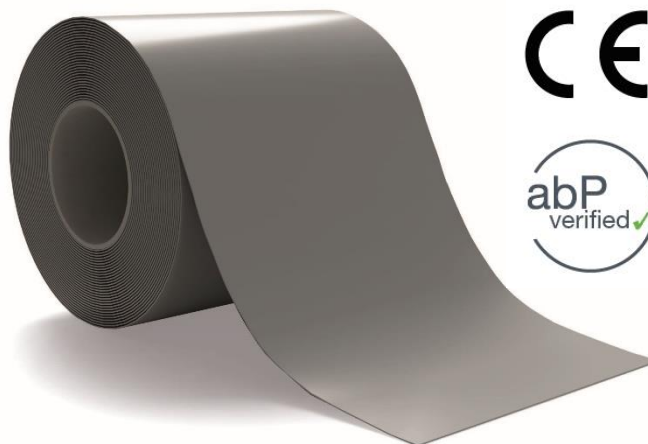
High performance polyolefine waterproofing tape

LEAKSEAL® TPE Flexible Tape is a flexible polyolefine high performance waterproofing tape.

Intended Uses

Designed for the waterproofing of exterior expansion and construction joints, and is installed using suitable adhesives and sealants on various building substrates in critical areas with high / or frequent movements.

Inside & outside corner components also available.



Technical Data

Colour	Grey		
Resistance to Temperature: min. / max.	- 30°C / + 90°C		
Chemical Resistance	To Hydrochloric acid, Sulphuric acid, Citric acid, Lactic acid, Potassium hydroxide, Sodium hypochlorite, Salt water and further substances.		
Physical Properties (approx.)	DIN	Value	Tolerance
Available Sizes	Internal	1m x 20m 200mm x 20m 250mm x 20m 300mm x 20m	+/- 2 mm
Thickness	Internal	2,0 mm	+/- 0,1 mm
Total Weight	Internal	1830 g/m ²	+/- 100 g/m ²
Tear Resistance – Lengthwise	DIN EN 12311-2 (Version B)	10 N / mm ²	≥ 8 N / mm ²
Tear Resistance – Across	DIN EN 12311-2 (Version B)	10 N / mm ²	≥ 8 N / mm ²
Elongation at Break – Lengthwise	DIN EN 12311-2 (Version B)	680 %	≥ 500%
Elongation at Break – Across	DIN EN 12311-2 (Version B)	710 %	≥ 500%
Tear Resistance (Nail Shank) – Lengthwise	DIN EN 12310-1	540 N	≥ 400 N
Tear Resistance (Nail Shank) – Across	DIN EN 12310-1	530 N	≥ 400 N
Water Vapour Permeability	DIN EN 1931 (Version B)	125 m	≥ 80 m
UV Resistance	DIN EN ISO 4892-3	≥ 6500 h	
Shore A Hardness	Internal	Approx. 87	
Bonding Strength	DIN EN 1348	≥ 4,0 N / mm ² *	

Waterproofing

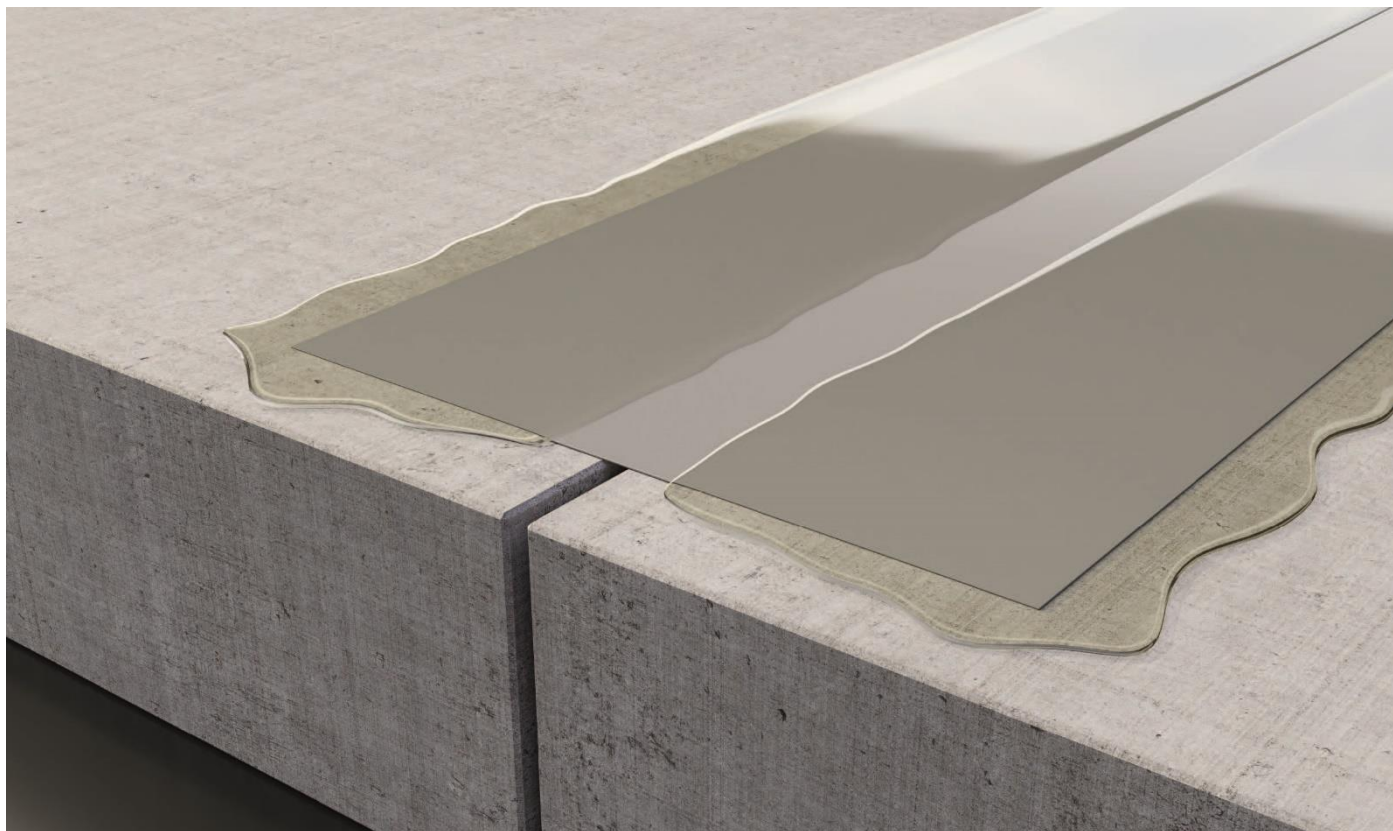
Page 1 of 4

Peel Test On Wood Carrier	Internal	≥ 100 N *	
Water Tightness	DIN EN 1928-A (60 kPa/24 Std.)	Watertight	
	DIN EN 1928-B (400 kPa/72 Std.)	Watertight	
Burst Pressure	Internal	≥ 5,0 bar	
Reaction to Fire	DIN ISO 11925-2 EN 13501-1	Class E	

* In dependence of the used adhesive

Certified According To	Certified according to DIN EN ISO 9001: 2015 Made in Europe
Approval	CE Marking according to DIN EN 13967, Certificate No. 0761-CPR-0514
Warranty	10 years warranty for the guaranteed product qualities
Storage	Maximum of 12 months – it is essential that goods are kept in the original packaging, keep cool and dry, protect against sunlight. If packaging film has been opened apply the material within 2 months.
Fusibility	The product is fusible with standard hot-air-dryers (recommendation ≥1500 watt / 340°C). It is important to select a low temperature setting so that only the surface of the tape melts in order not to affect the tightness of the product. Parts to be welded must be roughened or sanded. Please follow our processing instructions

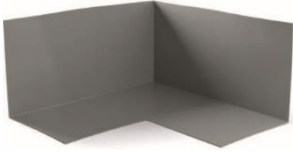
Application Information



Waterproofing

A technical data sheet is a quality document whose values and tolerances were determined using one or more representative pilot productions. This sheet has a minimum validity of 12 months and will then be revised based on the insights gained in the meantime. The technical information and application instructions are based on our experience and present knowledge. However, it is each users own responsibility to make trials with the original substrates in order to verify the suitability of our products for the intended purpose, taking into consideration all application related parameters. Please contact us if you have any further questions. Made in Europe.

System Components:



Inside Corner



Outside Corner

Step 1:

Brush or roll on a suitable adhesive (depending on the application) on the substrate.

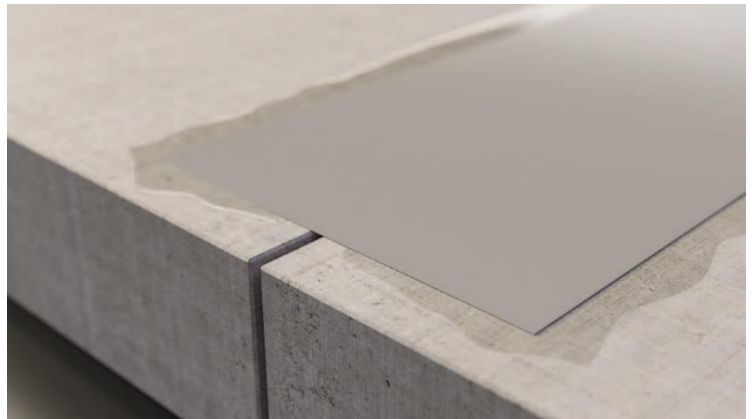
The stretch zone must not be closed or filled with adhesive.



Step 2:

Insert **LEAKSEAL® TPE Flexible Tape** into the adhesive according to the manufacturer's instructions and press it in. Wrinkling is to be avoided.

Push the adhesive outward from the middle of the joint.

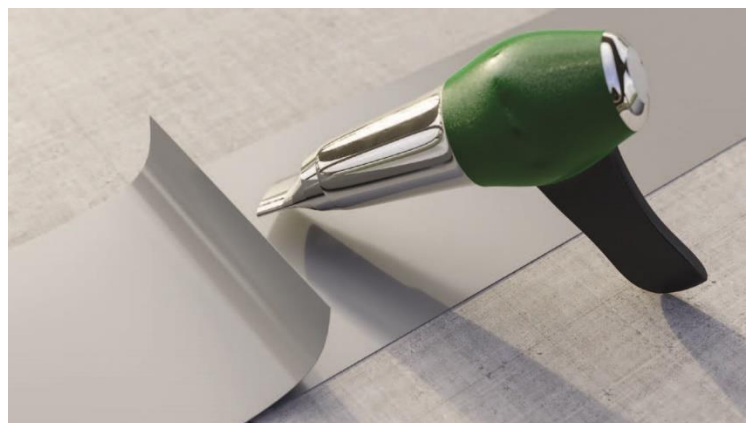


Step 3:

Roughen overlaps with sandpaper (80 grit).

In the area of the overlaps (10 cm), use a suitable hot-air blower to carefully weld the two strips together. Ensure no holes are created during the process.

Apply firm pressure and press the welded tapes together. Avoid air pockets and wrinkles.



Waterproofing

A technical data sheet is a quality document whose values and tolerances were determined using one or more representative pilot productions. This sheet has a minimum validity of 12 months and will then be revised based on the insights gained in the meantime. The technical information and application instructions are based on our experience and present knowledge. However, it is each user's own responsibility to make trials with the original substrates in order to verify the suitability of our products for the intended purpose, taking into consideration all application related parameters. Please contact us if you have any further questions. Made in Europe.

Step 4:

Apply a suitable product over tape or enclose the tape with adhesive to protect it from external influences.

Above the expansion zone (joint), leave an area of about 20 - 30 mm free.



Waterproofing

A technical data sheet is a quality document whose values and tolerances were determined using one or more representative pilot productions. This sheet has a minimum validity of 12 months and will then be revised based on the insights gained in the meantime. The technical information and application instructions are based on our experience and present knowledge. However, it is each users own responsibility to make trials with the original substrates in order to verify the suitability of our products for the intended purpose, taking into consideration all application related parameters. Please contact us if you have any further questions. Made in Europe.