

LeakSeal® Waterstop Expansion Tape

Thermoplastic expansion tape for waterproofing joints

LeakSeal® Waterstop Expansion Tape is a thermoplastic expansion tape used for waterproofing joints with excellent swelling capabilities.

Dimensionally stable; swelling process is infinitely often repeatable, often reversible; suitable for freshwater.

Intended Uses

LeakSeal® Waterstop Expansion Tape is used for inside waterproofing of working joints in concrete, which are exposed to permanent or temporary loads of ground water, run-off water and/or surface water

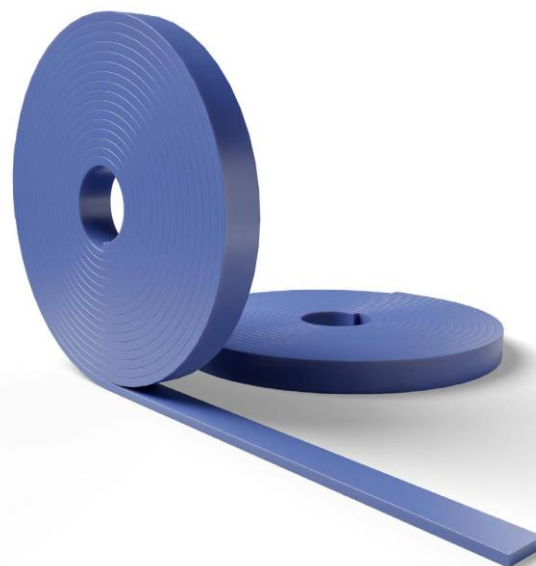
Technical Data

Colour	Blue	
Format	Square profile	
Dimensions	5 x 20mm	
Material Composition	Modified thermoplastic elastomers	
	DIN / Test Condition	Value
Density	-	approx 1,22 g/cm ³
Swelling Capacity	7 d stored in distilled water	500 %
	42 d stored under alkaline conditions	333 %
	21 d stored under acidic conditions	243 %
Swelling Pressure	-	approx. 1,30 N/mm ²
Fire Classification	according to DIN 4102-1	B 2
Water Impermeability After Installation: Joint Width: 0,25 mm	-	2,0 bar
Toxicity	-	None

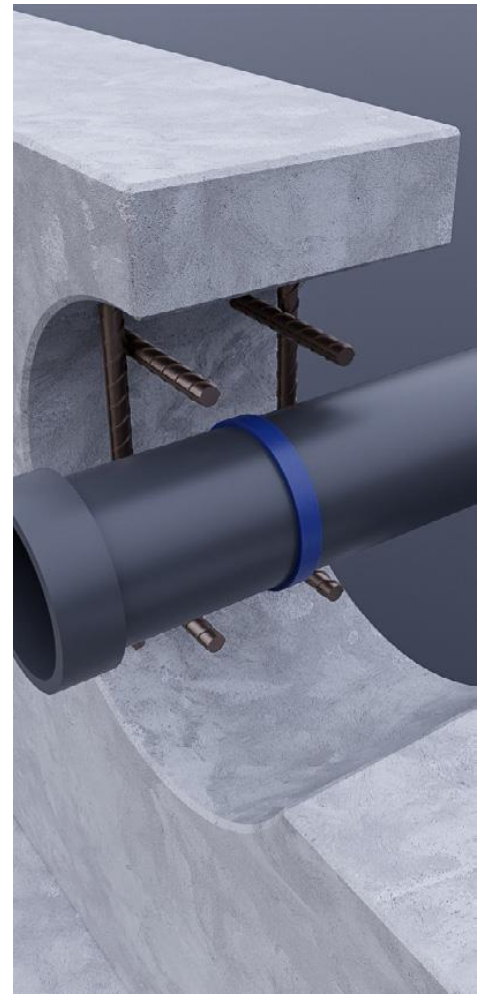
Chemical Properties	Resistance against several chemicals, but we advise to be careful with aromatic oils and fuels, with vegetal oils and strong aromatic solvents.
Certified according to	DIN EN ISO 9001: 2015 Made in Europe
Warranty	5 years warranty for the guaranteed product qualities
Storage	Maximum of 24 months – it is essential that goods are kept in the original packaging, keep frost free and dry, protect against sunlight and weathering.
Advice	The expansion tape must be stored dry. Make sure that the tape lies flat and planar on the concrete, without any contamination beneath the expansion tape. Before concreting, protect the expansion tape from moisture and inspect the expansion tape visually. Very swollen expansion tapes are not suitable and must be removed. Expansion tapes are unsuitable for movement joints. The expansion tape must be covered by 10,0 cm concrete.

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.



Application Information



The substrate must be sustainable, mostly flat and a closed surface texture. It is essential that it is free from gravel pockets, cavities, gaping cracks, dust and be free from adhesion inhibiting substances.

Sintering layers are to be removed by mechanical abrasion if necessary. During the application of LeakSeal® Waterstop Expansion Tape, the substrate may be matt damp, but puddles of water must be avoided.

Mechanical fixation is recommended with fixing glue.

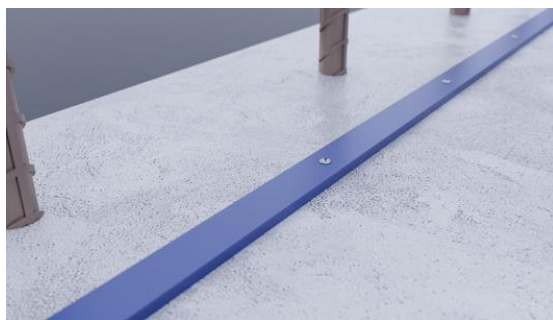
The product can be adhered to concrete, steel and PVC pipe penetrations with glue.



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Alternatively, LeakSeal® Waterstop Expansion Tape is fixed by nailing at approx. 150 mm apart from each other.



Material transfers are done with an overlap area of at least 50 mm.



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