



EUCO SWELLING TAPE

THERMOPLASTIC EXPANSION TAPE FOR WATERPROOFING JOINTS
WITH EXCELLENT SWELLING CAPABILITIES

EUCLID CHEMICAL

DESCRIPTION

EUCO SWELLING TAPE is used for internal waterproofing of working joints in concrete, which are exposed to permanent or temporary loads to ground water, run-off water and/or surface water. EUCO SWELLING TAPE is dimensionally stable; the swelling process is infinitely repeatable, reversible; and suitable for fresh water.

TECHNICAL INFORMATION

The following are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions.

Property	Values at 25 °C
Colour	Blue
Format	Square profile
Dimensions	5 x 20mm
Packaging	40m roll

	DIN / Test Condition	Value
Density	-	± 1.22 g/cm ³
Swelling Capability	7 d stored in distilled water	500%
	42 d stored under alkaline conditions	333%
	21 d stored under acidic conditions	243%
Swelling Pressure	-	± 1.30 N/mm ²
Fire Classification	According to DIN 4102-1	B2
Water impermeability after installation: Joint width: 0.25mm	-	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
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 100mm concrete.

DIRECTIONS FOR USE

Application: 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 expansion tape the substrate may be matt damp, but puddles of water must be avoided.

Mechanical fixation is recommended with adhesive.

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

Alternatively, the swelling tape is fixed by nailing at approximately 150mm centres.

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

