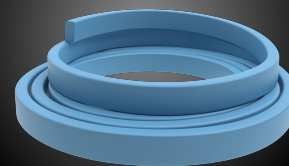


Jointseal Tape SW

Hydro-expansive waterstop joint based on polyethylene, butyl rubber, and polymeric binders for applications in contact with seawater or organic leachates



Drykos® **Jointseal Tape SW** is a preformed hydro-expansive waterstop joint designed for sealing construction joints in concrete structures, masonry, and foundations, even under particularly aggressive conditions or high hydrostatic pressures. The product is formulated with polyethylene, butyl rubber, resins, and elastomeric binders. Its specific chemical composition provides the material with high stability and durability over time, ensuring consistent performance even after repeated hydration and dehydration cycles.

Due to its technical and mechanical characteristics, Drykos® **Jointseal Tape SW** exhibits high strength, elasticity, and dimensional stability, making it suitable for applications under severe conditions.

Upon contact with water, Drykos® **Jointseal Tape SW** initiates a gradual and controlled expansion process. The swelling kinetics are designed to allow fresh concrete to complete the setting and curing phase without undergoing unwanted deformations or stresses. Once confined within the joint, the material expands to adapt to the available volume, compensating for voids and surface irregularities and ensuring continuous, hermetic sealing. The elastomeric structure enables the product to maintain its expansion capacity unchanged even after numerous alternating hydration and dehydration cycles, ensuring long-term reliability.

The high hydraulic seal, certified up to a hydrostatic pressure of approximately 12 bar, makes Drykos® **Jointseal Tape SW** particularly suitable for structures subject to high water pressures.

It is supplied with a rectangular cross-section of 10 × 20 mm in 10 m rolls.

TECHNICAL PERFORMANCE

Characteristic	Test method	Standard requirements	Performance
Density	EN ISO 1183		1.2 kg/dm ³
Shore A hardness	EN ISO 868		40
Elongation at break	EN ISO 527		≥ 600%
Tensile strength	EN ISO 527		≥ 3.5 N/mm ²
Expansion in deionized water	EAD 320008-01-0605		≥ 3000%
Expansion in salt water	EAD 320008-01-0605		≥ 200%
Water penetration depth under pressure	EN 12390-8		0 mm after 72 h at 12 bar
Hydrostatic pressure resistance			12 bar

NOTES

This "light" version of the technical data sheet provides a selection of the product's main descriptive and performance characteristics. While the data contained herein corresponds to our current scientific and technical knowledge, it is indicative and not exhaustive. For complete specifications, detailed technical information, conditions of use, and official updates, please refer exclusively to the full technical data sheet, available in its latest revision at www.drykos.com.

Full technical datasheet



DRYKOS S.r.l.

Piazza Marconi n. 7 12100 - Tarantasca (CN) - Italia

Tel. + 39 0171 1874992 | E-mail info@drykos.com | Web www.drykos.com

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