



Jointseal Tape LT

Hydro-expansive waterstop joint based on sodium bentonite and special polymer binders with delayed expansion

Drykos® **Jointseal Tape LT** is a preformed hydro-expansive waterstop joint with delayed expansion, specifically designed for sealing construction joints in concrete structures, masonry, and foundations where a permanent airtight seal against water infiltration and a delayed activation of the expansion process are required.

The product consists of a high-performance mixture of natural sodium bentonite, hydro-expansive rubber, and special aggregating polymers, coated with a special temporary protective film. This coating controls the onset of expansion, delaying it for approximately 6–7 days after casting, which is the time necessary for the concrete to fully develop its initial strength. This “Long Time” technology of the Drykos® **Jointseal Tape LT** waterstop avoids any interference with the setting and curing phases of fresh concrete, eliminating the risk of premature pressure on the unhardened conglomerate.

During the initial stages following the pour, the surface protective film prevents immediate hydration of the hydro-expansive component, keeping the strip dimensionally stable. Once the protection period has passed, the coating progressively dissolves, allowing the swelling process to activate. Expansion therefore occurs when the concrete has already developed adequate mechanical characteristics, allowing Drykos® **Jointseal Tape LT** to perform its sealing action under conditions of full confinement and structural safety.

It is supplied with a rectangular cross-section of 25 × 20 mm in 5 m rolls.

TECHNICAL PERFORMANCE

Characteristic	Test method	Standard requirements	Performance
Density	EN ISO 1183		1.53 kg/dm ³
Expansion in deionized water	EAD 320008-01-0605		~ 340%
Expansion in alkaline solution	EAD 320008-01-0605		~ 290%
Expansion in aqueous solution with pH 4.5	EAD 320008-01-0605		~ 150%
Hydrostatic pressure resistance			5 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



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Last update 27/02/2026