Sealflex S

High-modulus epoxy-polyurethane sealant with high chemical and mechanical resistance, for sealing expansion and contraction joints

Drykos® **Sealflex S** is a two-component thixotropic elastomeric sealant based on epoxy-polyurethane, developed for high-performance sealing of joints in concrete structures subject to mechanical stress, traffic, and chemical aggression. Once mixed and hardened, the product forms an elastic material with high mechanical and chemical resistance, characterized by excellent adhesion to substrates, high durability, and dimensional stability over time. Thanks to the combination of elasticity and resistance, Drykos® **Sealflex S** is particularly suitable for industrial and infrastructural applications where reliable sealing is required even under severe conditions, including exposure to oils, hydrocarbons, detergents, and dynamic load cycles.

TECHNICAL PERFORMANCE

Characteristic	Test method	Standard requirements	Performance
Catalysis ratio			100 : 50
Density			1.37 ± 0.05 kg/L
Dry residue			99 ± 1% by volume
Touch dry			~ 2 hours
Dust free			~ 12 hours
Workability time at 20°C			~ 60 minutes
Fully cured			~ 7 days
Viscosity	ASTM D2196		45,000 ± 1,000 mPa·s
Shore A hardness	EN ISO 868		
Working elongation	EN ISO 11600		25%
Elastic recovery			> 80%
Elongation at break			> 90%
Water resistance			Excellent
Aging resistance			Excellent
Weather resistance			Excellent
Resistance to chemicals, acids, hydrocarbons			Good

Characteristic	Test method	Standard requirements	Performance
Resistance to soaps and detergents			Excellent
Solvent resistance			Limited

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