

Sealflex N

High-performance, single-component, elastic polyurethane adhesive sealant



Drykos® **Sealflex-N** is a single-component, moisture-curing polyurethane adhesive sealant with a medium/high elastic modulus, designed for elastic bonding and sealing applications in civil, industrial, and infrastructural sectors. The product cures by reacting with atmospheric moisture to form a permanently elastic material, characterized by high adhesion to major construction materials, excellent mechanical strength, and long-term durability. Thanks to its high thixotropy and ability to compensate for substrate irregularities, it allows for flexible structural bonding and waterproof sealing, while ensuring resistance to weathering, UV rays, and aging.

TECHNICAL PERFORMANCE

Characteristic	Test method	Standard requirements	Performance
Specific gravity			1.3 kg/L
Operating temperature			-20°C / +80°C
Movement capacity			~ 25%
Curing speed			3.4 mm / 24h
Skin formation time			~ 45 minutes
Shore A hardness	ISO 868		30-40
Tensile strength	ASTM D412		2.2 MPa
Breaking strength	ISO 8339		0.75 MPa
Sag resistance at +23°C	ISO 7390		≤ 3 mm
Sag resistance at +50°C	ISO 7390		≤ 3 mm
100% Modulus	ISO 8339		0.55-0.65 MPa
Elongation at break	ISO 8339		> 200%
Elongation at break	ASTM D412		600%
Elastic recovery	ISO 7389		> 70%
Shrinkage	ISO 10563		≤ 10%

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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