



Drytop

Highly elastic silicone waterproofing membrane, resistant to standing water, for the protection and waterproofing of multiple substrates

Drykos® **Drytop** is a continuous, highly elastic silicone waterproofing membrane designed for the creation of highly flexible and durable waterproofing systems. After application, the product forms a continuous elastic membrane capable of effectively bridging cracks and joints, ensuring water tightness even in the presence of substrate movement.

Characterized by high solar reflectance, Drykos® **Drytop** contributes to reducing thermal absorption of exposed surfaces. The system provides excellent resistance to weathering, abrasion, and foot traffic, maintaining its elastic and protective performance over time.

Drykos® **Drytop** is applicable as a waterproofing and protective coating on a wide range of properly prepared substrates, including concrete, screeds, tiled surfaces, natural stone, old bituminous membranes, and metal roofing. It is particularly suitable for waterproofing roofs, even in the presence of standing water.

TECHNICAL PERFORMANCE

Characteristic	Test method	Standard requirements	Performance
Density			1.32 kg/L
Viscosity			4,100 ± 1,000 cP
Shore A Hardness	ASTM D2240		40
Initial tensile strength at +23°C	ASTM D2370/D6694/D6694M	≥ 200 psi (~ 1.38 MPa)	288 psi - 1.98 N/mm2
Initial tensile strength at -18°C	ASTM D2370/D6694/D6694M	≥ 200 psi (~ 1.38 MPa)	376 psi - 2.59 N/mm2
Initial elongation percentage at +23°C	ASTM D2230/D6694/D6694M	≥ 150%	282%
Initial elongation percentage at -18°C	ASTM D2230/D6694/D6694M	≥ 150%	330%
Tear resistance	ASTM D624 - Die B		22 lbf/in ~ 3.85 kN/m
Adhesion to SPF	ASTM D903/D6694/D6694M	2.0 pli (~ 0.35 N/mm)	3.55 pli ~ 0.62 N/mm
Low temperature flexibility -26°C	ASTM D533/D6694/D6694M		Pass (on 1/2" mandrel)
Permeance	ASTM E96/E96M		4.44 perms (Procedure B)
Solar reflectance (SRI) on smooth substrate	ASTM D7897-18		Initial 0.85 Aged 0.72

Characteristic	Test method	Standard requirements	Performance
Solar reflectance (SRI) on rough substrate	ASTM D7897-18		Initial 0.72 Aged 0.69
Thermal emissivity on smooth substrate	ASTM D7897-18		Initial 0.89 Aged 0.89
Thermal emissivity on rough substrate	ASTM D7897-18		Initial 0.90 Aged 0.91
Thermal stability			-60°C to +200°C
CO2 permeability	EN 1062-6	sD > 50 m	53
Water vapor permeability	EN ISO 7783-1 / EN ISO 7783-2	Class I: sD 5 m	0.75 m
Capillary absorption and water permeability	EN 1062-3	w 0.1 kg/m2 · h0.5	0.002 kg/m2 · h0.5
Pull-off adhesion	EN 1542	≥ 0.8 N/mm2	1.2 N/mm2
Hazardous substances	EN 1504-3		Compliant with point 5.4

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

