

# SOPRAGUARD ONE

Sopraguard One membrane is a vulcanized synthetic EPDM rubber membrane with a **smooth finish**, designed for waterproofing all types of roofs, whether flat or sloped, industrial or commercial.

## ADVANTAGES

- Elastic and flexible from  $-45^{\circ}\text{C}$  to  $130^{\circ}\text{C}$ .
- Excellent resistance to ozone, UV radiation and very high / very low temperature.
- Excellent thermal and dimensional stability.
- Quick and easy to install.
- Prefabricated in wide panels.
- Environmentally friendly



## DESCRIPTION

- Its high mechanical performance and excellent weather resistance make it a versatile waterproofing solution for roof design.
- It is suitable for exposed applications, as a self-protected membrane, or ballasted in inverted systems for accessible or walkable finishes.
- The prefabrication of large modules makes Sopraguard One a waterproofing solution aligned with industrialized and modular construction.

## CERTIFICATES

- In compliance with EN 13956 and EN 13967 standards. Certified with CE marking No. (2286/CPR/124/22).
- ISO 9001 Quality Management (Bureau Veritas No. ES142274-1)
- ISO 14001 Environmental Management (Bureau Veritas No. ES142275-1)
- Installation system certified DIT (Technical Suitability Document No. 694/24)
- Wind suction (section 2.9 of document EAD 090062-00-0404, Tecnalia No. 107390)

## INSTALLATION

- The installation of Sopraguard One membranes must be carried out by experienced personnel.
- The surface to be waterproofed must be dry, clean, and free from sharp objects. In most cases, a separating layer is required (e.g., geotextile, cover board, or polyethylene film).
- The membrane should rest for approximately 30 minutes before performing the joints and securing it permanently.
- For the joint between membranes, ensure that the minimum overlap of 10 cm is clean and dry. Make a



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The values reflected in the technical data sheet correspond to the average values of the tests conducted in our laboratory.  
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mark 1.5 cm outside the edge of the overlap.

- Apply Sopraguard Primer on both sides of the membrane and wait for the tacking point; check by pressing with your fingertip to ensure no strings form when lifting it.
- Apply the Sopraguard Tape self-adhesive strip following the marks. Press firmly with the system hand roller. Close the overlap, ensuring that the Sopraguard Tape strip extends between 5 and 15 mm beyond the overlap. Remove the protective film and roll over the entire joint again with the pressure roller.
- For additional information, please consult our technical team.

## PRESENTATION, STORAGE AND SHELF LIFE

	ROLLS	WIDE PANELS	STRIPS
Width	1,5 m	3 / 4,5 / 6 / 7,5 m / 9 m / 12 m / 15 m	From 5 to 145 cm
Length	20 m	30 m	20 m
Storage	Keep protected against mechanical aggressions. Store away from sources of ignition and flames.		
Shelf Life	Unlimited shelf life		

## TECHNICAL SPECIFICATIONS

PROPERTY	TEST METHOD	DECLARED VALUE					UNIT
Thickness (-5% / +10%)	EN 1849-2	1.0	1.1	1.2	1.5	2.0	mm
Mass per unit area (-5% / +10%)	EN 1848-2	1,2	1.3	1.4	1.8	2.4	Kg/m <sup>2</sup>
Tensile strength (L/T)	EN 12311-2	≥ 10					Mpa
Elongation (L/T)	EN 12311-2	≥ 400					%
Resistance to impact	EN 12691 (A Method)	≥ 200				≥ 400	mm
Tear resistance (L/T)	EN 12310-2	≥ 30					N
Watertightness (60 kPa)	EN 1928 (B Method)	Pass					-
Joint peel resistance <sup>1</sup>	EN 12316-2	≥ 40					N/50 mm
Joint shear resistance <sup>1</sup>	EN 12317-2	≥ 210					N/50 mm
Foldability at low temperature	EN 495-5	≤ -45					°C
Dimensional stability	EN 1107-2	≤ 0,5					%
Resistance to static loading	EN 12730	≥ 20					Kg
External fire performance <sup>2</sup>	EN 13501-5	B ROOF (t1)					-
Reaction to fire	EN 13501-1	E					-
Durability UV (1000 h.)	EN 1297	Class 0					-
Watertightness durability 12 weeks 70 °C	EN 1296 / EN 1928	Pass					-
Durability to chemical agents	EN 1847	Pass					-
Resistance to root penetration	UNE CEN/TS 14416	Pass					-

<sup>1</sup> Overlap with Tape and Primer system

<sup>2</sup> Only for special systems as per technical report available at the Soprema Iberia Technical Department

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## **TECHNICAL DATA SHEET**

TDS\_WPSES0024

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