TECHNICAL INFORMATION SHEET
ROLLGUM® ONE G EPDM

1. DESCRIPTION

Rollgum One G is a vulcanized EPDM synthetic rubber membrane with **embossed finish**, used for all types of waterproofing applications (roofs, ponds, canals, buried structures, façades...).

2. TECHNICAL SPECIFICATIONS

PROPERTY	TEST METHOD	DECLARED VALUE				
Thickness (-5% / +10%)	EN 1849-2	1.0 mm	1.1 mm	1.2 mm	1.5 mm	2.0 mm
Mass per unit area (-5% / +10%)	EN 1848-2	1,08 Kg/m²	1.17 Kg/m²	1.26 Kg/m²	1.62 Kg/m²	2.16 Kg/m²
Tensile strength (L/T)	EN 12311-2	≥ 8 Mpa			≥ 9 Mpa	
Elongation (L/T)	EN 12311-2	≥ 400 %				
Resistance to impact	EN 12691 (A)	≥ 200 mm				≥ 400 mm
Tear resistance (L/T)	EN 12310-2	≥ 30 N				
Watertightness	EN 1928 (B)	Pass				
Joint peel resistance	EN 12316-2	≥ 40 N/50 mm				
Joint shear resistance	EN 12317-2	≥ 210 N/50 mm				
Foldability at low temperature	EN 495-5	≤ -45º C				
Dimensional stability	EN 1107-2	≤ 0,5 %				
Resistance to static loading	EN 12730	≥ 25 Kg	≥ 35 Kg			
External fire performance	EN 13501-5	B ROOF (t1)				
Reaction to fire	EN 13501-1	E				
Resistance to static puncture	Resistance EN12236	≥ 530 N	≥ 530 N	≥ 530 N	≥ 700 N	≥ 1250 N
	Displacement EN12236	≥ 120 mm	≥ 120 mm	≥ 120 mm	≥ 110 mm	≥ 120 mm
Liquid tightness	EN 14150	≤ 10-6 m³/m²/day				
Durability: Weathering 350 h.	EN 12224	Pass				
Durability: Oxidation 90 days 85 ºC	EN 14575	Pass				
Durability UV (1000 h.)	EN 1297	Class 0				
Watertightness durability 12 weeks 70 ºC	EN 1296 / EN 1928	Pass				
Durability to chemical agents	EN 1847	Pass				

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2. PROPERTIES

- Elastic and flexible from –45ºC to 130ºC.
- 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

4. APPLICATION INSTRUCTIONS

Rollgum One G sheets must be installed by experienced staff. The surface to be waterproofed must be dry, clean and free of sharp objects. Under certain circumstances, a separating layer (e.g., geotextile, cover panel or polyethylene film) may be necessary.
The membrane must be left open for about 30 minutes before splicing and finally fixed. Contact our technical staff if you require more information.

5. CERTIFICATES

The Rollgum One G EPDM membranes meet different national and international standards.
Contact our technical team if you require more information

6. PRESENTATION, STORAGE AND SHELF LIFE

Formats

	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

Other formats or measures available on request

- Keep protected against mechanical aggressions.
- Store away from sources of ignition and flames.
- Unlimited shelf life

Our instructions are based on serious laboratory studies and our experience; however, they do not exempt the applicator from performing their own tests, since the diversity of materials on the market and the different application modes, that are beyond our control, make their application their sole responsibility.

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