

# TECHNICAL DATA SHEET

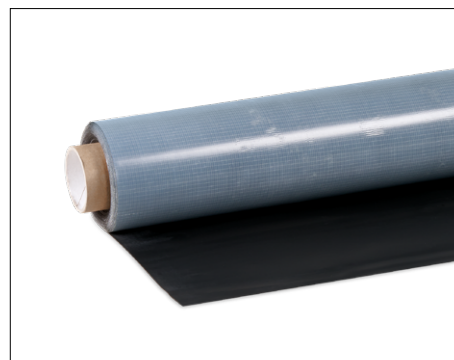
## Rollgum® Stick EPDM



### 1. DESCRIPTION

Rollgum Stick is a **self-adhesive waterproofing membrane** made of vulcanized synthetic EPDM rubber with a factory applied dispersion adhesive to its surface.

The self-adhesive side is protected by a white release film. Applications include new construction or renovation of: roofs, rain gutters, walls, parapet connections, facades and window frames.



### 2. 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	1,5	1.6	1.74	1.21	2.73	Kg/m²
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	≥ 160					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	≥ 25	≥ 35				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	Grade 0					-
Watertightness durability 12 weeks 70 °C	EN 1296 / EN 1928	Pass					-
Durability to chemical agents	EN 1847	Pass					-

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

<sup>2</sup> System consisting of adhered membrane to PIR panel and mechanically fastened to the steel deck.

#### Technical data of the EPDM adhesive layer

Dispersion-based polyacrylate adhesive  
Intermediate adhesive carrier mesh layer

PROPERTY	VALUE
Adhesive weight	190 g/m <sup>2</sup>
Total adhesive thickness	0,19 mm
Peel resistance	≥ 16 N/25 mm
Thermal stability	-40 °C to 130 °C

### 3. PROPERTIES

- Excellent resistance to ozone, UV radiation, and weather conditions.
- Elasticity from -45 °C to 130 °C.
- Quick and easy installation.
- High initial adhesive strength, fully consolidated after 48 hours.
- Uniform adhesion across the entire surface.
- Eliminates the need for manual adhesive application.
- No waiting time for drying and/or solvent evaporation.
- Excellent moisture and weather resistance after adhesion.
- Environmentally friendly system, reducing the use of consumables like brushes, rollers, cans, etc.

### 4. APPLICATION

Substrates must be inherently solid, stable, and free of loose particles. Before application, they should be clean, dry, and free from dust or grease. For substrates prone to dust or granule formation, porous, or fragile surfaces, it is recommended to apply a consolidating primer to ensure proper adhesion. **Application temperature should be between 5 °C and 35 °C.**

Unroll and position the EPDM membrane, make sure it is free from wrinkles or tension, let it rest for about 30 minutes to release roll tensions. Remove the white silicone protective film by pulling horizontally at a 45° angle without displacing the membrane. To initiate adhesion, use a broom or stiff (non-metallic) brush from the center to the edges, then apply pressure using the system roller to ensure full contact with the surface.

Membrane overlaps should be at least 10 cm. Apply Rollgum Primer to the upper EPDM surface; once dry, close the overlap, press with a silicone roller, and finally apply a sealing bead all along the edge with BOND007 sealant. Finish by smoothing with a spatula to maintain a minimum thickness of 2 mm.

For complex 3D details where the membrane shift to three-dimensional planes, the system includes the Rollgum Form flexible strip, to be applied after priming with Rollgum Primer, following the same substrate preparation instructions.

### 5. 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 up-lift pressure (section 2.9 of document EAD 090062-00-0404, Tecnalia No. 107390)
- Root penetration resistance according to UNE-CEN/TS 14416\* standard (Laborcontrol No. 23-032).

## 6. PRESENTATION, STORAGE AND SHELF LIFE

### Formats

	<b>Rolls</b>	<b>Strips</b>
Width	1,5 m	From 5 to 145 cm
Length	10 m	10 m

Other formats or measures available on request

- Keep protected against mechanical aggressions.
- Store at 15 °C to 25 °C with 40% to 60% relative humidity. Keep away from ignition sources and avoid direct sunlight exposure.
- Rollgum Stick EPDM membrane has no expiration date. However, the self-adhesive backing must be used within 12 months of production, provided it remains in its original, sealed packaging and is stored correctly.

## 7. RECOMMENDED TOOLS

- White marker Supermark Crayon.
- Silicone roller for applying pressure over the surface.
- 12 kg heavy steel roller for large surface areas.
- First-layer cutter to cut the film in sections without damaging the EPDM.
- Scissors for cutting Rollgum Stick pieces (do not use a cutter).
- Broom or long-bristle non-metallic brush to initiate adhesion.

The above information is based on current knowledge of this technology, which does not guarantee flawless processing on all surfaces or conditions. The information provided is based on test results but is not binding.

It does not constitute a legally binding guarantee of specific properties or suitability for a particular purpose.

Due to the various possible applications of our products, we recommend conducting a comprehensive suitability test on original materials under actual usage conditions before large-scale use on-site.

For this reason, we accept no liability for improper application based on the presented information.