



Rollgum

EPDM Waterproofing
Systems

LINING

What is EPDM?



EPDM (ethylene propylene diene monomer) is a synthetic rubber widely used in various industrial applications due to its excellent physical and chemical properties.

For decades, EPDM has been used for waterproofing all types of roofs and reservoirs, for lining gutters, and other applications such as seals, sealing strips, pipes, cables, windows, and door profiles, among others.

EPDM is the most resistant waterproofing membrane to degradation caused by exposure to UV radiation from the sunlight and ozone. This weather resistance ensures a long service life and optimal performance.



Why choose Rollgum EPDM membrane?



Elastic and Flexible

Its elastic elongation over 400% **allows it to adapt to the shapes and figures** of the reservoir or pond.



Very Durable

With a **life expectancy of over 50 years**, Rollgum EPDM retains its total watertightness properties even when exposed to UV rays, ozone, or extreme weather conditions.



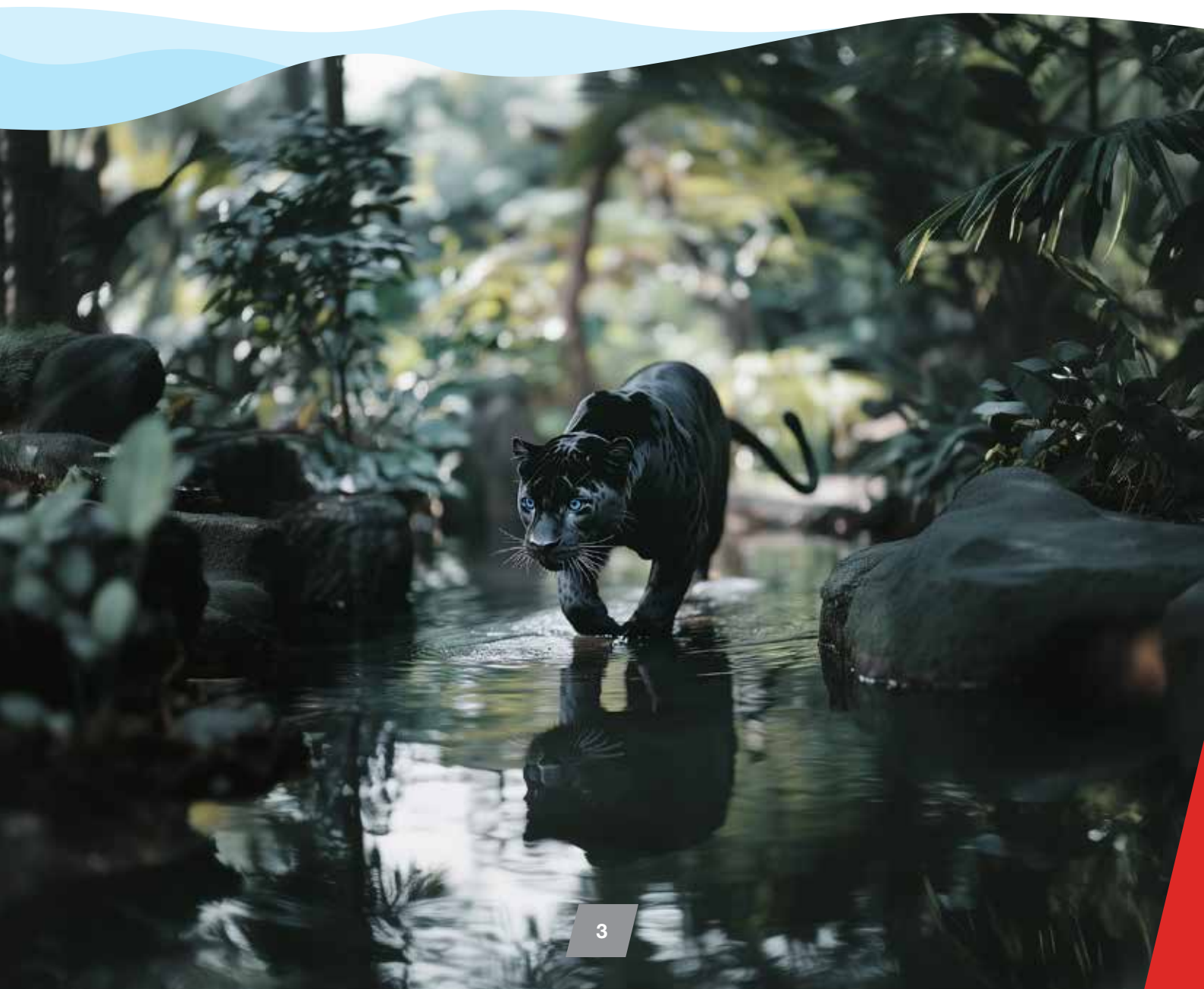
Large Formats

Prefabricated in large modules up to 30 m wide and 60 m long in one piece, ideal to waterproof with **minimum overlap joints on-site**.



Sustainable

Rollgum EPDM membrane does not release pollutants, making it safe for the environment. Its long lifespan and **low carbon footprint** makes it ideal for those who care about the planet.



Our EPDM Membranes

Rollgum Geo



Big
Reservoirs



Smooth
Finish

Our **Rollgum Geo** waterproofing membrane is the **latest generation of EPDM geomembranes**, manufactured with advanced calendaring and vulcanization technology of synthetic rubber.

Designed to meet high expectations in hydraulic and irrigation projects, its **exceptional durability** provides resistance to UV rays, ozone, microorganisms, and extreme weather conditions.

Additionally, **the great flexibility and resistance of Rollgum Geo to pressure and puncture**, even at very low temperatures, allow for easy adaptation to the irregular shapes of the terrain, achieving a simple, quick, and effective installation while maintaining its integrity for decades.



Sales measures

Standard Wide Panels

Thickness	1,14 mm	1,2 mm	1,5 mm	2,0 mm
Width	3 / 4,5 / 6 / 7,5 / 9 / 10,5 / 12 / 13,5 / 15 m			
Length	30 m			

Other thicknesses available under request

Tailor-Made Wide Panels

Thickness	1,14 mm	1,2 mm	1,5 mm	2,0 mm
Width	1,5 m multiples up to 30 m			
Length	Up to 60 m			

Other thicknesses available under request
Maximum weight 2,000 Kg. See weight per m² and thickness in the price list. The width must be shorter than the length.

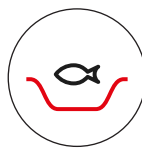


ISO 9001
ISO 14001
BUREAU VERITAS
Certification



Our EPDM Membranes

Rollgum Life



Decorative
Ponds



Embossed
Finish

Rollgum Life is an EPDM membrane without migrations, suitable for aquatic life, making it the ideal solution for decorative ponds. Designed with the most demanding professionals in mind, it offers high-performance protection, guaranteeing environmental safety.

With standard thicknesses of 0.8 and 1.0 mm, **Rollgum Life** offers outstanding elasticity and flexibility, **allowing it to easily adapt to all types of terrain** without compromising its resistance.

Its unmatched durability, the wide range of available sizes, and the option of custom manufacturing make it an ideal choice for any project.



Sales measures

Standard Wide Panels

Thickness	0,8 mm	1,0 mm
Width	3 / 4,5 / 6 / 7,5 / 9 / 10,5 / 12 / 13,5 / 15 m	
Length	30 m	

Other thicknesses available under request



Tailor-Made Wide Panels

Thickness	0,8 mm	1,0 mm
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Length	Up to 60 m	

Other thicknesses available under request
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ISO 9001
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Certification



EPDM Waterproofing Systems for Reservoirs and Ponds

Buried Perimeter



- 5 Decorative Rocks
- 4 Water
- 3 **Rollgum Geo / Life**
- 2 Geotextile
- 1 Terrain



Advantages

- ✚ No migrations. Suitable for aquatic life.
- ✚ Adapts to the organic shapes of the terrain.
- ✚ Large-format modules allow covering different lake dimensions in a single piece.
- ✚ Fast and safe installation.
- ✚ No need for welding machines, hot air, or torches; cold system.
- ✚ Easy repair.

A Complete Lining System



Rollgum offers a complete family of cold welding accessories designed to address the specific needs of any reservoir or pond.

Main accesories



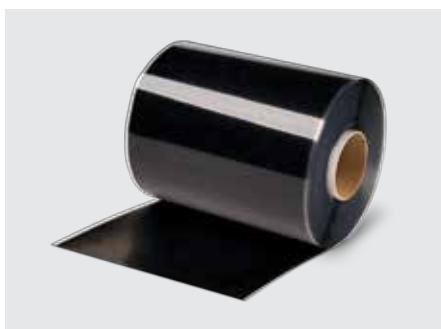
Rollgum Primer



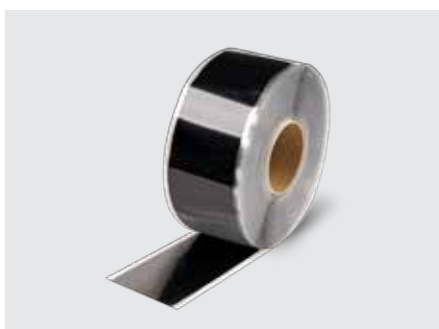
Rollgum BOND007



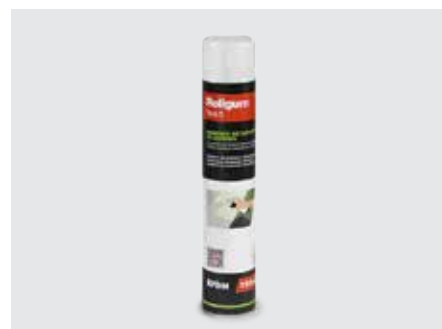
Rollgum Tack



Rollgum Form



Rollgum Tape



Rollgum Tack S 750 ml



About Rollgum



Over 50 years of Waterproofing Experience

Mr. Joan Palou i Díaz founded Giscosa in 1971, located near Barcelona, Spain, specializing in the manufacture and distribution of synthetic waterproofing membranes.

Today at Rollgum, **with over five decades of experience**, we understand the importance of trust in the construction sector. Our long trajectory has allowed us to improve our processes and products, ensuring effective and long-lasting solutions.

The membrane you love, loves the planet

The most sustainable material is the one that lasts the longest and uses fewer resources.

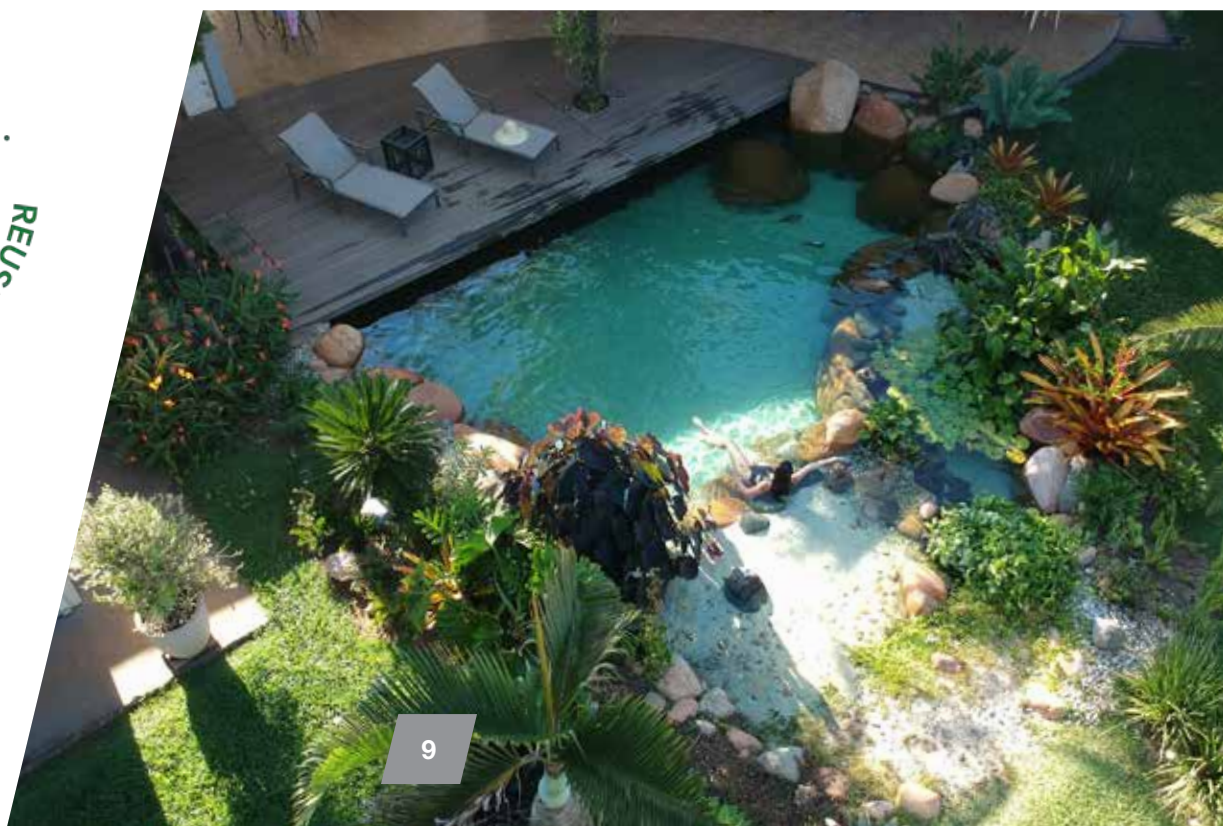
The initial impact in the production of a construction product represents the majority of the ecological footprint compared to those that will occur throughout its useful life. Near the end of its lifespan, the carbon footprint increases again as the product is removed and disposed of. That is why **the exceptional durability offered by EPDM reduces its environmental impact.**

Additionally, thanks to its safe and easy cold repair, its useful life cycle is further extended, diluting its environmental impact over a greater number of years.

The Rollgum EPDM manufacturing process is certified with **ISO 9001** (Quality Management System) and **ISO 14001** (Environmental Management System), ensuring resource and waste management optimization while reducing negative environmental impacts.

The installation of EPDM is done cold, being a technique free from smoke or energy consumption as no flame or hot air is required.

Lightweight compared to other roofing systems. EPDM can be re-used, re-cycled, a perfect advocate of the circular economy.





EPDM

Waterproofing
Systems

Can we help you? Contact us



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