

## Firestone Giscolene™ F EPDM

### EPDM facade sealing system

Firestone Giscolene™ F EPDM is an ideal, high performing sealing system for facade waterproofing, air tightening and moisture protection. It can be applied under cladding or around window frames. It also offers protection against the damp that might rise from the building's foundations.

The Giscolene F EPDM system consists of strips made of an EPDM synthetic rubber compound and a range of specific accessories designed to ensure a complete facade sealing solution.

### Features & benefits

#### ✔ Over 300% elasticity

Giscolene F EPDM strips accommodate to the support's structural or thermal movements.

#### ✔ Good UV resistance

Giscolene F EPDM strips can be exposed for an extended period of time before the window frame or cladding is installed.

#### ✔ Wide range of vapor permeability

The strips are available in standard and a special low permeability compound to ensure a closer membrane where needed.

#### ✔ Compatible with most building materials

Giscolene F EPDM is clean and talc-free, and can be easily adhered to most surfaces.

#### ✔ Outstanding life expectancy

Depending on the facade build-up and membrane thickness, the system's durability is expected to last several decades.

#### ✔ High resistance to extreme temperatures (-45°C to 130°C)

Giscolene F EPDM can be used in all types of climates.

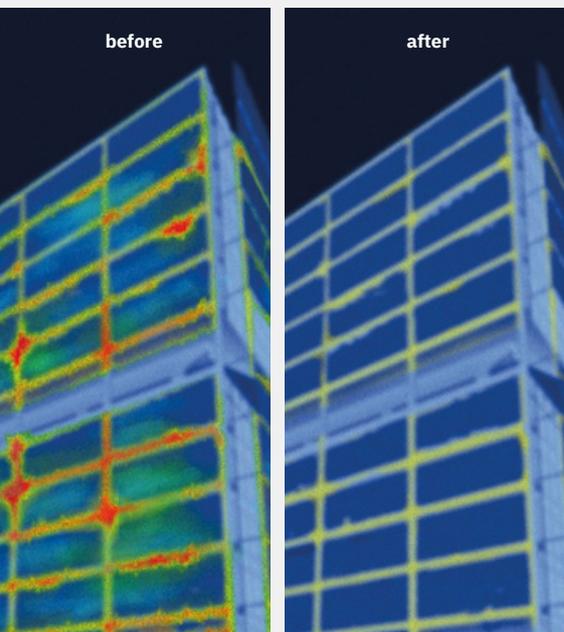
#### ✔ Suitable for long-term contact with water or damp

#### ✔ Environmental-friendly

EPDM can achieve a life expectancy of at least 50 years, thus contributing to extending the service life of buildings.

#### ✔ Quick and easy installation

Due to the strips' flexibility, limited weight and available width ranging from 10 cm to 150 cm, installation is simple, fast and efficient.



Heat loss image of a building before and after proper window sealing.



## Product data

Thickness*	Width*	Length*
0.5 mm - 0.75 mm - 1 mm	Ranging from 10 cm to 150 cm	20 m
Property	Test Method	Declared value**
Elongation	EN 12311-2	≥ 300%
Water vapor permeability	EN 1931	50,000
Tear resistance	EN 12310-2	≥10 N
Tensile strength	EN 12311-2	≥ 7 MPa
Reaction to fire	EN 13501-1	E
Watertightness (2 kPa)	EN 1928	Pass
Durability (2 kPa)	EN 1296/ EN 1928	Pass
Durability against ageing	EN 1296/ EN 1931	Pass

\* Other thicknesses and dimensions are available on request.

\*\* Typical physical properties for the 0.75 mm Gisolene F EPDM. Testing results for above mentioned membranes are available upon request.

## A tradition of quality and excellence

Firestone has been a trusted name in rubber products for over a century. Thanks to Firestone Building Products this heritage of innovation and quality is extended to the construction industry. Today, over a billion square meters of Firestone membranes have been successfully installed worldwide.

Firestone Gisolene F EPDM is manufactured in an ISO 9001 certified facility in Terrassa (Spain). This state-of-the-art manufacturing plant follows stringent quality control guidelines

throughout the entire production process.

Firestone Gisolene F EPDM is CE-certified in accordance to EN 13984 and EN 14909.

## Fully engineered system from a single supplier

Firestone Building Products has developed a complete range of accessories for its Gisolene F EPDM strips to meet the requirements of various installation details and provide a complete watertight solution.

**Giscosa FS-011 Facade Sealant** is a high viscosity adhesive for facade application of Gisolene F EPDM strips on both vertical and horizontal surfaces.

**Giscosa SA-008 Splice Adhesive** is a rubber-based contact adhesive designed for splicing

and

bonding Gisolene F EPDM strips.

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