

GISCOTHERM

1. Description:

The Giscotherm membrane is a waterproofing vulcanised EPDM rubber sheet, for all kinds of waterproofing applications, in which a 0.15 mm thick and 3.5 or 6.5 cm wide thermoplastic film has been laminated on both edges and sides to facilitate the joint on site, by applying heat.

2. Properties

- Easy and fast to join, with heat.
- Reduces containers and VOCs.
- Excellent cold and heat resistance.
- Ozone and UV radiation resistance.
- Excellent thermal and dimensional stability.

3. Application

The waterproofing system with Giscotherm sheets should be installed by experienced personnel and approved installers, in accordance with the Giscosa Technical Manual, and using the system's accessories.

The area to be waterproofed must be in the normal conditions to carry out a waterproofing job. The surface must be clean, dry and free of sharp objects. In some cases, a suitable geotextile must be placed.

The membrane should be left for about 30 minutes before carrying out the joints.

Carry out the joint by fitting together the films of two adjoining sheets. With a source of heat (Leister or similar, set at about 600°C), heat up the thermoplastic films until they are fluid enough for the joint. Press the joint with a roller over the membrane first across and then lengthways.

The speed will depend on the environmental conditions, but with a manual machine the usual speed is 1 metre/minute, while with an automatic machine it is up to 4 times faster.

Please contact the Giscosa Technical Department if you would like any additional information.

4. Performance

The dimensions of the Giscotherm membrane will be calculated to cover the surface, including the exposed edges of joints and elevated objects.

5. Characteristics

Tensile strength (MPa)	≥9
Elongation (%)	≥400
Durability (UV)	Pass
Ozone resistance	Pass
Shear resistance	200 N/50 mm
Peeling strength	25 N/50 mm

The Giscotherm range has the CE Marking in accordance with standards EN 13956 and EN 13967.

Giscotherm sheets comply with different national and international standards. Please contact the Giscosa Technical Department if you would like any additional information.

6. Presentation/Storage/Expiry

Rolls: 1.5 metres wide x 20 metres long.

Other lengths are available upon request.

Keep away from mechanical aggressions. Store away from combustion sources and open flames.

Unlimited expiry.

7. Precautions

For more information read the product safety data sheet.