

## BTS

### 1. Description

BTS is a vulcanised EPDM strip, 10 cm wide and 1.2 or 1.5 mm thick, which has been laminated with a thermoplastic film to join Gisolene membranes or for transverse joints with Giscotherm sheets.

There is also a 15 cm-wide version to cover fastening bars on mechanically anchored systems.

### 2. Characteristics

- Easy and fast to join, with heat.
- Reduces containers and VOCs.

### 3. Installation

The BTS strips should be placed by experienced personnel and approved installers, in accordance with the Giscosa Technical Manual, and using the system's accessories.

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

Unroll the BTS and leave it to settle.

Place both EPDM sheets that are going to be joined and join them exactly by the selvedge. Place the BTS on top (butt joint), right in the middle of the area to be joined.

With a source of heat (Leister or similar, set at about 600°C), heat up the thermoplastic film until it is 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.

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

### 4. Coverage

According to the length of the joint.

### 5. Technical characteristics

Shear	≥ 200 N/50 mm
-------	---------------

## 6. Presentation/Storage/Expiry

Rolls: 10 cm wide per 50 metres long.

15 cm wide per 50 metres long.

Use within: Unlimited period of time.

## 7. Precautions

For more information see the safety data sheet.