



# MAXFLEX® BT

## SELF ADHESIVE, COLD APPLIED WATERPROOF TAPE WITH ALUMINIUM SHEET FOR SEALING OF JOINTS

### DESCRIPTION

**MAXFLEX® BT** is a flexible, self adhesive, cold applied waterproof tape of 1,5 mm thick, composed of SBS-modified bitumen, a protective aluminium sheet on exterior side and a thick self-adhesive compound provided with a release film.

### APPLICATION FIELDS

- Watertight sealing, maintaining the mobility for the treated elements such as joints for both exposed and non-exposed applications: roof penetrations, passing pipes, porches, exposed flashing on roofs, gutters, roof skylights, chimney stacks, etc.
- Repair, sealing and waterproofing of joints at corners, connections and junctions.
- Repair and strengthening of bitumen-based waterproofing systems for roofs.
- Waterproofing of joints on walls, pre-cast elements at roofs, balconies and foundations.
- Sealing and repair of wide and irregular joints and cracks.

### ADVANTAGES

- High flexibility: accommodates minor settlement and shrinkage movements and fits to any shape.
- Good resistance to weathering: low and high temperatures, rain, environmental pollution, ozone and UV radiation.
- Excellent adhesion on the most common building substrates (concrete, masonry, fibre-cement, timber, metal surfaces, tiles, etc.). Good performance at both low and high temperatures.

- Easy and quickly to use: no hot air or flame sources are required. It can be cut and bent to shape on site

### APPLICATION INSTRUCTIONS

#### Surface preparation

Substrate must be clean, sound and free from any dust, rust, oil, greases or other materials, which could affect the adhesion of the waterproofing tape. Remove laitance, casting skins, loose or cracked parts using brushes, grinders or sandblasting methods. Before the placement of **MAXFLEX® BT**, all surface damages, such as defects, cavities, honeycombs, peelings, and gravel pockets should be patched and filled with a repair mortar such as **MAXREST®** (Technical Bulletin n°2). Also deteriorated joint faces should be repaired.

#### Strip preparation

Using a scissor cut **MAXFLEX® BT** pieces to the specified length according to the work plan. Pre-assemble all strip joints, mitres, crossing or corners before the placement.

#### Placement of the pieces

**MAXFLEX® BT** shall be laid by peeling back the protective release paper and applying the adhesive face onto the prepared surface. Press firmly the tape and roll it with a hard roller in order to allow the adhesive face to be in direct contact with the surface and to ensure complete adhesion without crease or voids, avoiding damaging the aluminium sheet. Surface to be covered must be completely dry in order to provide a perfect adhesion of the waterproofing tape.

#### Overlapping pieces

When coinciding two different **MAXFLEX® BT** pieces, an overlapping of at least 5 cm length is recommended. Surface of these lap areas

must be clean, dry and free from grease or dust. If cleaning agents are used, allow drying out for 30 minutes.

### **Application conditions**

Optimum temperature range for application is from 5 to 25 °C. Do not apply neither below 5 °C or when such temperatures are expected to drop within 24 hours. Do not apply if rainfall, dew, condensation or water contact is expected within the first 24 hours after application.

### **Cleaning**

All tools and equipments can be cleaned with **MAXSOLVENT**<sup>®</sup> immediately after use. Once the product cures, it can only be removed by mechanical methods.

### **PACKAGING**

**MAXFLEX**<sup>®</sup> **BT** is supplied in 15 cm wide, 1,5 mm thick and 10 m long rolls. It is available in colour of aluminium. Other special colours and widths are available by request.

### **PACKAGING**

Nine months in its original unopened packaging, in a dry and covered place, protected from frost and sunlight, with temperatures between 5 °C and 40 °C. Avoid any direct exposure to heat sources and sunlight.

### **SAFETY AND HEALTH**

**MAXFLEX**<sup>®</sup> **BT** is not a toxic or flammable product but all storage, transportation and handling precautions for this kind of material must be observed. Skin and eye contact must

be avoided, so safety goggles and protective gloves must be used during application. In case of eye contact, rinse thoroughly with clean water, but do not rub. In case of skin contact, wash affected areas with soap and water. If irritation continues, consult medical attention.

Safety Data Sheet of **MAXFLEX**<sup>®</sup> **BT** is available by request.

Disposal of the product and its empty packaging must be done by the final user and according to national regulations.

### **IMPORTANT INDICATIONS**

- Surface moisture content of substrate must not exceed 8%. Do not apply on substrates subject to rising humidity or negative water pressure.
- Allow the surface to dry completely after rain, condensation, as well as any water cleaning process.
- For metal surfaces, apply a bitumen-based primer over surface to be coated with the tape.
- Observe any chemical incompatibility between the **MAXFLEX**<sup>®</sup> **BT** self adhesive tape and other construction elements. Remove from the surface to be taped products such as: thermal insulation layers, APP-modified bitumen membranes, PVC films, tar-based sealants, etc.
- Avoid spraying any polyurethane-based foam over the **MAXFLEX**<sup>®</sup> **BT** tape without the protection of a suitable separating layer: geo-textile fabrics, cement mortar, polyethylene film, etc.).
- For any other application not specified in this technical bulletin consult our Technical Department.

## TECHNICAL DATA

Characteristics of the product	
Appearance	Self adhesive, cold applied, waterproof tape with SBS-modified bitumen and protective aluminium sheet
Length / Width (m)	10 / 0,15
Thickness (mm)	0,15
Weight superficial nominal/minimum (kg/m <sup>2</sup> )	1,5 / 1,4
Application conditions	
Application conditions, T (°C)/R.H., (%)	>5 / < 90
Characteristics for applied product	
UV ray resistance	Good

## GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO<sup>®</sup>, S.A.** reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product. The data shown on consumptions, measurement and yields are for guidance only and based on our experience. These data are subject to variation due to the specific atmospheric and jobsite conditions so reasonable variations from the data may be experienced. In order to know the real data, a test on the jobsite must be done, and it will be carried out under the client responsibility. We shall not accept responsibility exceeding the value of the purchased product. For any other doubt, consult our Technical Department. This version of bulletin replaces the previous one.



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ISO 9001  
ISO 14001

**BUREAU VERITAS**  
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