

BITUTAPE 2

**Prefabricated, Self-Adhesive,
Cold Applied, Bitumen-Polymer Tape**



Sealing of road cracks prevents the infiltration of water and any consequential localized subsidence, loss of sub grade, swelling, lifting or deformation due to ice and thaw, mud pumping and other undesirable phenomena.

BITUTAPE 2 provides that extra quantity of bitumen which, when localized at connection points, seals and prevents the formation of deterioration.

The Product

BITUTAPE 2 is an elasto-plastic jointing made of bitumen modified with "SBR" type thermoplastic elastomers, extruded, preformed and industrially precast, self-adhesive, cold applied, ready for use.

Uses

BITUTAPE 2 can be used for:

- sealing and closing joints or cracks to prevent water from infiltrating into the subgrade;
- connecting and sealing joints to prevent the damaging of the bituminous mix and the appearance of cracks;
- connecting and sealing coplanar road surfaces following repair and/or maintenance jobs such as joint repair between new and old surfaces;
- jointing and connecting various parts, the edges of which form discontinuity on the road surface, between the bituminous mix and tram lines, concrete elements (such as kerbs and gutters), the outlines of functional elements such as manholes and drain covers.

Description

BITUTAPE 2 is a modified bituminous tape, industrially preformed, conceived and developed for the effective closing and sealing of road cracks, and for preventing water penetrating down to the road subgrade.

BITUTAPE 2 adheres and bonds in a stable and definitive way onto asphalt and all other building materials.

It has excellent dimensional stability, doesn't melt at high temperatures and does not adhere to tires.

It is modelled and pushed deep down into cracks by traffic movement, thereby forming a total seal.

Preparation of surface

The surfaces involved must be smooth, dry, devoid of grease and free from dust or impurities and humidity.

BITUTAPE 2 is simply placed on the crack or joints using the stratos application machine and is firmly pressed into place by subsequent traffic movement.

BITUTAPE 2 is suitable for cracks greater than 12 mm and less than 20 mm; cracks should first be filled with mastic or a bituminous emulsion and sand, prior to the BITUTAPE 2 being applied.

Laying instructions

BITUTAPE 2 must be applied horizontally along the crack so that it is evenly divided between the edges of the crack.

To ease the laying operations is available a trolley, manual applicator, which allows to further simplify the application.

The product will be rolled by the traffic.

Storage and shelf life

The quality and the characteristics of materials remain unaltered for a very long time.

It is however best to use the product within 12 months.

For correct storage, a dry, covered place is best at a temperature between +5°C and +40°C.

The product is not affected by frost.

Dimensions and packaging

Standard length: 20 m

Standard thickness: 4 mm

Standard width: 50 / 100 mm

The tapes are packed in shrink-wrap, placed in boxes and loaded on pallets.

Technical data

Characteristics	Value	TEST
Thickness	4 mm	-
Softening Point	> 130°C	EN 1427
Density at 25°C	1.2 ± 5% Kg/dm ³	EN 13880-1
Cone Penetration at 25°C	22 ± 2 0.1 mm	EN 13880-2
Resilience at 25°C	6 ± 2 0.1 mm	EN 13880-3
Flow Resistance at 60°C	0 mm	EN 13880-5
Skid Resistance Value	> 60 BPN	CNR A. XIX n°105
Plasticity/Impact Stength	75 % ± 5 %	DIN 1996-19
Hardness (shore A)	70	ASTM D 2240

For further information refer to the Safety Data Sheet. The figures shown on this product leaflet can vary within a tolerance of +/-5%. The manufacturer reserves the right to change product characteristics at any time without prior notice.