

# Bitac<sup>®</sup>

## Bitumen Impregnated Geotextile

### Technical Data Sheet



QUALITY - SUPPORT - EXPERTISE

 **GEOFABRICS<sup>®</sup>**

## DESCRIPTION

**Bitac**® is a composite membrane of nonwoven geotextile and a self-adhesive rubberised bitumen with high strength and high elongation properties.

**Bitac**® is designed as a joint sealant and reflective crack inhibitor, providing stress relief and waterproofing in concrete and asphalt pavements.

**Bitac**® is also used to seal the joints of concrete culverts and bridge decks.



\*NOTE: **Bitac**® primer is recommended when the **Bitac**® strip is applied on extremely coarse or uneven surfaces, such as milled roads and concrete joints. **Bitac**® primer is also recommended when cold temperatures are encountered (less than 18 °C).

## INSTALLATION GUIDELINES

### STEP 1. SURFACE PREPARATION

- Remove all dirt, water, grease and loose material from the surface.
- Cracks larger than 10 mm wide should be cleaned and filled with an approved filler.
- Larger cracks or holes should be patched with a suitable slurry or hot or cold mix.

### STEP 2. APPLICATION OF **Bitac**® PRIMER (if required\*)

- Prime the surface, using **Bitac**® primer, by brush or roller at an application rate of 4m<sup>2</sup>/litre (minimum).
- Coverage width should exceed the **Bitac**® strip by 50 mm each side.
- Allow the primer to touch dry.
- Any primed areas not covered by **Bitac**® in 24 hours must be reprimed.

### STEP 3. PLACEMENT OF **Bitac**® STRIP

- Remove the release paper at start of the roll and place the **Bitac**® strip in position.
- Unroll by removing the release paper at the same time.
- Compress the **Bitac**® strips to form the shape of the surface and remove any air bubbles.
- Roll all strips firmly into place to ensure a positive bond.

## TECHNICAL DATA

Thickness @ 2 kPa Pressure	1.8 mm	AS 3706.1
Wide Strip Tensile Strength	7.5 kN/m	AS 3706.2
Wide Strip Tensile Elongation	50%	AS 3706.2
Puncture Strength (8 mm diameter rod)	300 N	ASTM D4833

## PRODUCT CODES AND ROLL DIMENSIONS

Product Code	Width	Length	Rolls Per Box	Metres Per Box
BIT15	150 mm	12 m	6	72 m
BIT25	250 mm	12 m	3	36 m
BIT30	300 mm	12 m	3	36 m
BIT50	500 mm	12 m	2	24 m
BIT90	900 mm	12 m	1	12 m
<b>BTP PRIMER</b>	20 litre buckets			

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