



# BITUSTICK R 250

## DESCRIPTION

Bitustick-R250 is a SBS modified self adhesive bitumen membrane with a tough polyester surface which has a high chemical, puncture and ultra violet resistance. The self adhesive side is protected with a silicon coated film, which must be removed before application. A selvedge is provided on one side of the membrane to give a bitumen to bitumen contact on overlaps, thus restricting any water penetration through the lap joints. The polyester surface is provided to enhance the puncture resistance of the membrane.

## USES

Bitustick-R250 is the best solution for protecting bituminous membranes and tapes, applied on vertical surface, pipes and other complicated profiles, from puncture and exposure to weather. Due to its flexibility and the presence of a tough and durable top surface, Bitustick R250 is been looked upon as a direct substitute for protection boards. Bitustick R250 has a layer of modified bitumen which helps it to adhere to any surface and at the same time provide an efficient waterproofing layer. This property enables Bitustick R250 to be put to use as a damp proof membrane.

## ADVANTAGES

- Cold applied, self adhesive and easy to apply
- Excellent puncture resistance and UV resistance.
- Excellent adhesion to vertical and horizontal surfaces.
- Excellent resistance to aggressive soil conditions and contaminated water .
- Excellent resistance to chlorides, sulphates, alkalis and acids.
- Completely non biodegradable .
- Most suitable to protect Bitutape and Bitustick membranes on pipes and complicated profiles .
- No need for additional protective layer during backfilling.

## APPLICATION INSTRUCTIONS

### Surface preparation

A smooth, regular and dry surface is always a must for good application. The substrate should be completely free of any protrusions or cavities. The presence of oily substances, frost or other moisture should be completely avoided. Apply Polyprime SB at a rate of 4 #6 sq.m. per litre as a primer coat. The primer coat should be touch dry before the application of the membrane.

### Application

The application temperature should be between 40C to 450C. The installation procedures are to be as follows :

1. Unroll only the required length, and cut the piece to the desired shape and size.
2. Place the pieces of membrane on the area to be covered, and check whether they match with the profile of the marked substrate.
3. Peel off the release film and carefully place the membrane so as to ensure a 150 mm overlap on the selvedges alone.
4. Smoothen the membrane from the center to the edges in order to drive out entrapped air.

## HANDLING

Bitustick-R250 membranes come in rolls with widths of 1m and lengths of 10m/15m. The rolls are packed in loose corrugated boxes to avoid any damage during transit or on site. The membranes can be unloaded by hand or any other convenient means, but ensure the absence of any sharp or protruding edges within close proximity to avoid puncturing the membrane.

Our technical advice for use, whether oral, written, or in tests, is given with our best knowledge. It is an indication only and does not involve our responsibility. Values are given as examples and may not be regarded as specifications. As we are not able to monitor product use and given the numerous materials and possible uses, users must perform the necessary tests to verify that the product is suitable for the intended use. Users are responsible for complying with the local legislation and for obtaining any required approvals or authorizations. Users of our products are invited to contact our departments to obtain current versions of technical data sheets and safety data sheets.



## STORAGE

Bitustick-R250 range of membranes must be stored in a shaded area on wooden pallets neatly covered by a thick fabric and tied securely in a manner that will minimize exposure to sunlight.

## DISPOSAL

Bitustick-R250 is a non ! hazardous, non flammable material and therefore can be disposed of in any regular disposal area. Bitustick should be disposed of only after wrapping with paper, plastic or cloth as the modified material has tendency to soften under heat and pressure, which would make further handling very difficult.

## HEALTH AND SAFETY

Bitustick-R250 contains a very tacky bitumen compound and during application can adhere to human skin. Bitumen stains can be removed by using a cloth dipped in a very light solvent. In case the affected area is sensitive, like the eye, please contact the company physician for advice.

## BITUSTICK R 250

### BITUMINOUS SELF ADHESIVE PROTECTION MEMBRANE

#### TECHNICAL DATA

PROPERTIES	VALUES	TEST METHOD
ROLL LENGTH	10m	UEAtc
ROLL WIDTH	1m	UEAtc
THICKNESS	2.5mm	UEAtc
COATING MIXTURE		
SOFTENING POINT (R&B)	1100C	ASTM D 36
ELONGATION (Compound)	1500 %	ASTM D 412
TENSILE STRENGTH	1080 N / 50mm	ASTM D 1000
ADHESION STRENGTH		
Primed Substrate	2.2 N/mm	ASTM D 1000
PUNCTURE RESISTANCE (Membrane)	1173 N	ASTM E 154
CHEMICAL RESISTANCE	EXCELLENT	ASTM D 543
ULTRA VIOLET RESISTANCE	EXCELLENT	ASTM G 53

\*All values given are subject to 5-10% variation

The technical parameters are designed to be in compliance with British standard code of practice BSCP102 and BS8102. The tensile and tear strength values reported are the higher values of either longitudinal or transverse direction.

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