iSTIK™ TS

TWIN-SIDED ADHESIVE BITUMEN MEMBRANE

DESCRIPTION

iStik TS is a twin sided adhesive SBS modified bitumen membrane where the polymerized bitumen is sandwiched between the silicone release films on either side.

FEATURES & BENEFITS

- Cold applied, self-adhesive. Easy to apply.
- Bitumen to bitumen adhesion on the laps provides a seamless layer.
- Excellent adhesion to vertical and horizontal surfaces.
- Improved heat resistance.
- Water and vapor proof.

TECHNICAL PARAMETERS

PHYSICAL PROPERTIES	TEST METHOD	VALUE
Thickness, [mm]	EN 1849-1	1.5
Softening Point, [°C]	ASTM D 36	>105
Elongation, [%]	ASTM D 412	>1200
Hydrostatic pressure @ 5 bar	BS EN 12390	No leakage
Adhesion strength, [N/mm]	ASTM D 1000	1.8
Crack Bridging ability, [mm]	EN 52123	>1.5

All Values are subjected to 5 to 10% variation

APPLICATION INSTRUCTIONS

The substrate to which iStik TS will be applied should be free of oil, water, and dust. The presence of any loose particles or contaminants will affect the adhesion of the membrane with the substrate. Cut the membrane into the desired length and stick it on to the surface. Press the membrane surface with a wooden float or cloth to remove any entrapped air. Leave the release film on the top surface intact which shall be removed at the time of application of the top membrane.

HANDLING

iStik TS membranes are supplied in rolls of various widths. The rolls are packed in loose corrugated boxes to avoid any damage during transit or storage at sites. Care should be taken when storing the membranes in sites and should not be kept within proximity of any sharp or protruding edges to avoid puncturing or damaging the membrane

STORAGE & SHELF LIFE

Store all materials in a covered, cool and dry place.The storage temperatures should always be between 5°C-30°C. The shelf life of the product is 12 months from the date of manufacture and if stored as per manufacturer's recommendations.

SUPPLY

iStik TS	
Length	10m
Width	50mm, 100mm, 100mm, 150mm, 200mm, 250mm, 1000mm

DISPOSAL

iStik TS is a non-hazardous, non-flammable material and therefore can be disposed of in any regular disposal areas. iStik TS should be disposed on after wrapping with paper, plastic or clothe as the modified material has tendency to soften under heat and pressure, which would make further handling very tough.

HEALTH & SAFETY

iStik TS contains a tacky bitumen compound and during application can adhere to human skin. Bitumen stains can be removed by using a cloth dipped in a solvent. In critical situations seek medical assistance.

Disclaimer: All technical data of this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control. Please note that because of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields. Information on this data sheet is subject to change without notice and should not be used for writing specification. For additional information on specific applications, please contact INNOBIT. The information contained herein, provides recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted based on the contents of this data sheet, or any verbal advice given, unless there is a case of willful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product. Innobit reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned copies of which will be supplied on request. All values given are subject to 5 – 10% tolerance. #Values achieved within 7 days after casting specimen at 25°C and 50% RH.

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