

# iStik AL

## ALUMINIUM SURFACED BITUMEN MODIFIED SELF-ADHESIVE FLASH BAND

### DESCRIPTION

iStik AL is aluminium surfaced self-adhesive bitumen modified Flash band and sealing strip. iStik AL is used as a fast and economical method of flashing, sealing and repair for long lasting protection.

### USES

iStik AL is used for flashing, sealing and repair against ingress of water in various applications like valley gutters, lead flashing, leaking pipes and gutters, roof felt repair on flat roofs. It can also be used as a flashing on up-stands.

### PRODUCT FEATURES

- UV Resistant
- Efficient and cost effective.
- Lasting protection in all climates.
- Good Adhesion to most building material substrates
- Easily applied by hand pressure only
- Can be applied in low temperatures.
- Available in wide range of widths
- Provides an instant seal and exhibits good resistance to ingress of water and vapor

### TECHNICAL PARAMETER

Physical Properties	Test Method	Typical Value
Top surfacing	-	Aluminum Film
Thickness, (mm)	DIN EN 1849-1	1.0/1.2/1.5
Softening point(R&B), (°C)	ASTM D 36	>105
Adhesion strength, (N/mm) Primed substrate Self	ASTM D 1000	1.8 2.2
Reflectance, (%)	EN 410	> 60
Low temperature flexibility, (°C)	ASTM D 1970	<-15
Crack bridging ability, (mm)	ASTM C 836	>1

*All Values are subjected to 5 to 10% variation*

### APPLICATION INSTRUCTION

The application temperature should be between 10°C to 45°C. Application procedures may vary slightly depending upon site conditions. The general recommended guidelines for the application of the self-adhesive waterproofing system are as follows:

### SURFACE PREPARATION

The surface shall be cleaned thoroughly of all contaminants all surface imperfections, protrusions, structurally unsound and friable concrete must be removed and repaired with a suitable iCrete concrete repair mortar.

### PRIMING

For improved adhesion, it is recommended to prime the surface with iKote SB41 . Application of the primer can be done by a brush or roller. Commence further activities only after the primed surface becomes touch dry. If the primed area is left open for more than 24hours, repriming might be required depending on the dust accumulation on the surface.



## APPLICATION

Unroll only the required length and cut the pieces to the desired shapes and size. Place the pieces of membrane on the area to be covered and check whether they match with the profile of the marked substrate. Peel off the release film from the self-adhesive side and start unrolling the membrane and press it to the surface. While pressing, care should be taken to press the center area and then push towards the sides. This method helps to avoid air entrapment and ensure better adhesion with the substrate. Adjacent rolls are laid with an overlap of 25mm to ensure a watertight seal. The overlaps should be pressed firmly either with a roller or cloth press for proper sealing.

## PACKAGING

iStik AL	50mm x 10m x 1.0mm
	75mm x 10m x 1.0mm
	100mm x 10m x 1.0mm
	150mm x 10m x 1.0mm
	200mm x 10m x 1.0mm
	300mm x 10m x 1.0mm
	1m x 10m x 1.5mm
iKote SB41	20 lt. pail & 200 lt. drum

## STORAGE AND SHELF LIFE

Store under cover, out of direct sunlight and protect from extreme temperature. In tropical climates the product must be stored in an air-conditioned environment. Shelf life is up to 12 months when stored as per recommended storage condition.

## HEALTH AND SAFETY

As with all bitumen products caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the product be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

**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 datasheet 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 48 hours after casting specimen at 25°C and 50% RH.

**INNOBIT**

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