

PRODUCT DATA SHEET

Sika® Flexitape Heavy

POLYAMIDE KNITTED LOCALISED REINFORCEMENT FOR LIQUID APPLIED MEMBRANE SYSTEMS

PRODUCT DESCRIPTION

Sika® Flexitape Heavy is a flexible knitted polyamide used as localised reinforcement with Liquid Applied Membrane systems. Unlike conventional scrim, it is readily capable of stretching within the membrane to accommodate a high degree of thermal and structural movement.

USES

- Localised reinforcement for systems used over joints or cracks liable to movement and for bridging gaps between substrates
- Localised reinforcement used in the construction of expansion joints
- For new construction and refurbishment projects

CHARACTERISTICS / ADVANTAGES

- Easy and quick application
- Follows surface contours and is easy to adjust to complicated details
- Enhance the crack-bridging properties of the system
- Enhance mechanical properties of the system

PRODUCT INFORMATION

Chemical Base	Knitted Polyamide	
Packaging	Roll width	Roll length
	75 mm	50 m
	150 mm	50 m
Appearance / Colour	White	
Shelf Life	Product does not expire if correctly stored	
Storage Conditions	The product must be stored properly in original, unopened and undamaged sealed packaging, flat and wrinkle free, in dry conditions at temperatures between +5 °C and +35 °C.	

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

The surface must be sound, of sufficient strength, clean, dry and free of dirt, oil, grease and other contamination. Depending on the material the substrate must be primed or mechanically cleaned. Grinding may be necessary to level the surface. Suitable substrates are such as: concrete, bituminous felts and coatings, metal, brickwork, asbestos cement, ceramic tiles, wooden substrates.

For detailed information regarding substrate preparation and primer chart please refer to the Application Guide of the corresponding Liquid Applied Membrane system.

APPLICATION

Prior the application of the membrane the priming coat if used must have cured tack-free. For the Waiting Time / Overcoating please refer to the PDS of the appropriate primer. Damageable areas (handrails etc.) have to be protected with tape or plastic wrapping. Sika® Flexitape Heavy is applied in combination with Liquid Applied Membrane systems.

1. Apply first coat of of the Liquid Applied Membrane approximately 33 % wider than the tape with a consumption rate according to the PDS of the Liquid Applied Membrane. Work only so far in advance that the material stays liquid.
2. Roll out the Sika® Flexitape Heavy and ensure that there are no bubbles or creases. Overlapping of Sika® Flexitape Heavy must be minimum 5 cm and ensure overlaps are sufficiently wet to bond. The roller may require only a little extra material to remain wet but no further significant material needs to be added at this stage.
3. After the coat is dry, apply a second coat of the Liquid Applied Membrane with a consumption rate according to the PDS of the Liquid Applied Membrane.

Please note, lay the tape as naturally as possible, direct from the roll, inner face upwards in order to avoid edge curl.

For detailed application information please refer to the Application Guide of the corresponding Liquid Applied Membrane system.

LIMITATIONS

Limitations will be dictated by the individual Sikalastic® liquid being used – Please consult relevant PDS.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

REGULATION (EC) NO 1907/2006 - REACH: This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0.1 % (w/w).

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika 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.

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