

PRODUCT DATA SHEET

Sikalastic®-827 LT

MODIFIED HOT- MELT ADHESIVE



DESCRIPTION

Sikalastic®-827 LT is a modified hot-melt adhesive used as part of the bridge deck waterproofing system underneath mastic asphalt, stone mastic asphalt and asphalt concrete.

USES

Sikalastic®-827 LT may only be used by experienced professionals.

- As pellets broadcast into wet Sikalastic®-8901 or Sika®Concrete Primer on spray applied waterproofing membranes
- As pellets broadcast into wet SikaCor®-HM Mastic
- In cold climate countries and while autumn/ spring season applications

CHARACTERISTICS / ADVANTAGES

- Allows bond between waterproofing membrane and asphalt overlay
- Hot-melt reaction triggered at $T > +80^{\circ}\text{C}$
- Provides mechanical key due to expansion when in contact with hot asphalt
- Development of excellent bond and shear strength

APPROVALS / CERTIFICATES

- Certificate 15/H237 of BBA/ HAPAS as a part of the Sikalastic®-851 Bridge Deck Waterproofing System for the use on concrete decks
- European Technical Approval (ETA) according ETAG 033, as a part of a liquid applied bridge deck waterproofing kit on concrete decks
- Part of the BAST listed system according ZTV-ING, part 7, section 4, as a liquid applied bridge deck waterproofing kit on steel decks

PRODUCT INFORMATION

Chemical base	Modified Ethyl-Vinyl-Acetate-Copolymer	
Packaging	25 kg bags 750kg boxes on request	
Appearance / Colour	white / yellowish	
Shelf life	24 month from date of production	
Storage conditions	The packaging must be stored properly in original, unopened and undamaged sealed packaging, in dry conditions at temperatures between $+5^{\circ}\text{C}$ and $+30^{\circ}\text{C}$. Protected from direct sunlight.	
Density	approx. 1.20 kg/l, bulk density Density values determined at $+23^{\circ}\text{C}$	(EN ISO 2811-1)
Solid content	~ 100%	

TECHNICAL INFORMATION

Chemical Resistance

Resistant to water, bitumen and de-icing salts

APPLICATION INFORMATION

Consumption

approx. 0.70 kg/m²

Ambient Air Temperature

See related product sheet of approved tack coat system

APPLICATION INSTRUCTIONS

APPLICATION

Uniformly broadcast Sikalastic®-827 LT by hand, by low pressure blast equipment or by Sika pellet distribution kart.

LIMITATIONS

This product may only be used by experienced professionals.

Sikalastic®-827 LT shall not be broadcasted into the tack coat if pot life of tack coat is exceeded in order to develop a proper bond and shear strength

The asphalt supply temperature shall not be below +140°C on concrete decks. On steel decks the supply temperature of the asphalt shall not be less than +160°C.

BASIS OF PRODUCT DATA

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

LOCAL RESTRICTIONS

Please note that as a result 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.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

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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