

# PRODUCT DATA SHEET

## Sikalastic®-827 HT

### MODIFIED HOT- MELT ADHESIVE

#### PRODUCT DESCRIPTION

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

#### USES

- Sikalastic®-827 HT may only be used by experienced professionals.
- As pellets broadcast into wet Sika® Concrete Primer on spray applied waterproofing membranes
  - As pellets broadcast into wet SikaCor®-HM Mastic
  - In hot climate countries and while summer time 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 / STANDARDS

- European Technical Approval (ETA) 13/0653 according ETAG 033, as a part of a liquid applied bridge deck waterproofing kit on concrete decks
- BBA/ HAPAS certificate 13/H204 as tack coat system to Sikalastic-841 ST
- BBA/ HAPAS certificate 15/H237 as tack coat system to Sikalastic-851
- 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

<b>Chemical Base</b>	Modified Ethyl-Vinyl-Acetate-Copolymer
<b>Packaging</b>	25 kg bags 750 kg boxes on request
<b>Appearance / Colour</b>	whitish / yellowish
<b>Shelf Life</b>	24 month from date of production
<b>Storage Conditions</b>	The packaging must be stored properly in original, unopened and undamaged sealed packaging, in dry conditions at temperatures between $+5^{\circ}\text{C}$ and $+30^{\circ}\text{C}$ . Protect from direct sunlight.

Density	approx. 1.20 kg/l, bulk density Density values determined at +23°C	(EN ISO 2811-1)
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Solid Content	~ 100%
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## TECHNICAL INFORMATION

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Chemical Resistance	Resistant to water, bitumen and de-icing salts
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## APPLICATION INFORMATION

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Consumption	approx. 0.70 kg/m <sup>2</sup>
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Ambient Air Temperature	See related product data sheet of approved tack coat system
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## APPLICATION INSTRUCTIONS

Broadcast uniformly Sikalastic®-827 HT by hand, low pressure blast equipment or Sika Pellet Distribution Kart.

### APPLICATION

Uniformly broadcast Sikalastic®-827 HT 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 HT 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.

### VALUE BASE

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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