

# PRODUCT DATA SHEET

## Sikalastic®-827 HT

Modified hot-melt adhesive

### DESCRIPTION

Sikalastic®-827 HT is a modified, expanding copolymer, hot-melt pellet adhesive. It bonds mastic asphalt, stone mastic asphalt and asphalt concrete to Sika bridge deck waterproofing systems.

### USES

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

The pellets are used for:

- Broadcasting onto wet Sikalastic®-8902
- Broadcasting onto wet SikaCor® HM Mastic

### CHARACTERISTICS / ADVANTAGES

- Provides a bond between Sika spray applied waterproofing membrane and asphalt overlay
- Provides a mechanical key due to expansion when in contact with hot asphalt
- Develops good bond and shear strength performance

### APPROVALS / STANDARDS

- Adhesive Layer in Waterproofing System ZTV-IN Part 7 Section 4, Sikalastic®-827 HT, kiwa, Test report No. P 8332-1-E
- Bridge Waterproofing System Sikalastic®-851, BBA, Certificate No. 15/H237, according BBA HAPAS guideline
- CE Marking and Declaration of Performance to ETA-18/1105, based on ETAG 033 Liquid applied bridge deck waterproofing kits

### PRODUCT INFORMATION

<b>Chemical base</b>	Modified Ethyl-Vinyl-Acetate-Copolymer	
<b>Packaging</b>	25 kg bags	
<b>Shelf life</b>	24 months from date of production	
<b>Storage conditions</b>	Product must be stored in original, unopened and undamaged packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging.	
<b>Appearance / Colour</b>	Pellets / light amber	
<b>Density</b>	~20 kg/L, bulk density Values at +23 °C	(EN ISO 2811-1)

### TECHNICAL INFORMATION

<b>Chemical resistance</b>	Resistant to water, bitumen and de-icing salts
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## APPLICATION INFORMATION

Consumption	~0.70 kg/m <sup>2</sup>
Ambient air temperature	Refer to the individual Product Data Sheet of the tack coat system

### 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.

### IMPORTANT CONSIDERATIONS

- Do not broadcast Sikalastic®-827 HT onto the tack coat if the pot life is exceeded.
- The asphalt paving temperature must be a minimum +140 °C on concrete deck surfaces.
- The asphalt paving temperature must be a minimum +160 °C on steel deck surfaces.

### ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

### APPLICATION INSTRUCTIONS

#### APPLICATION

Uniformly broadcast the Sikalastic®-827 HT pellets using any of these methods:

- Manually by hand
- Low pressure blasting equipment
- Sika pellet distribution kart

### 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 exact product data and uses.

### 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.

**Sika India Pvt. Ltd.**  
620, Diamond Harbour Road  
Commercial Complex II  
Kolkata - 700 034  
West Bengal, India

**Contact:**  
Phone: +91 33 2447 2448  
Fax: +91 33 2397 8688  
info.india@in.sika.com  
www.sika.in



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