

PRODUCT DATA SHEET

Sikalastic®-8902

POLYURETHANE TACK COAT FOR SIKALASTIC®-827 HT HOT MELT PELLETS

DESCRIPTION

Sikalastic®-8902 is a 2-part, polyurethane, transparent tack coat for Sikalastic®-827 HT hot melt pellets. Suitable for use in hot and tropical climatic conditions.

USES

Sikalastic®-8902 may only be used by experienced professionals.

- Bonding Sikalastic®-827 HT hot melt pellets on Sikalastic®-851 and Sikalastic®-8800 waterproofing membranes.

CHARACTERISTICS / ADVANTAGES

- Easy to apply
- Applied by brush, roller or airless spray
- Heat resistant to mastic asphalt application

APPROVALS / CERTIFICATES

- HAPAS Certificate, Sikalastic®-851-8902-827, BBA, Certificate No.15/H237

PRODUCT INFORMATION

Composition	Polyurethane	
Packaging	Part A	20.25 kg
	Part B	4.75 kg
	Refer to current price list for packaging variations	
Appearance / Colour	transparent	
Shelf life	12 months from date of production	
Storage conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging.	
Density	~1.39 kg/l (mixed resin at +23 °C)	
Solid content	~99 %	

TECHNICAL INFORMATION

Tensile Strength	>10 N/mm ²	(DIN 53504)
Temperature Resistance	Exposure	Dry heat
	Short term	up to +240 °C max.

APPLICATION INFORMATION

Mixing Ratio	81:19 by weight												
Consumption	~0.75 kg/m ² This figure is theoretical and does not include for any additional material required due to surface porosity, surface profile, variations in level and wastage etc..												
Layer Thickness	~0.5 mm												
Ambient Air Temperature	+5 °C min. / +40 °C max.												
Relative Air Humidity	< 80 %												
Dew Point	Substrate temperature must be min +3 °C above dew point, beware of condensation												
Substrate Temperature	+5 °C min. / +50 °C max.												
Pot Life	~25 minutes at +23 °C												
Waiting Time / Overcoating	Minimum waiting time before paving asphalt overlay												
	<table border="1"><thead><tr><th>Temperature</th><th>Minimum</th><th>Maximum</th></tr></thead><tbody><tr><td>+10 °C</td><td>24 hours</td><td>1 week</td></tr><tr><td>+20 °C</td><td>16 hours</td><td>1 week</td></tr><tr><td>+30 °C</td><td>12 hours</td><td>1 week</td></tr></tbody></table>	Temperature	Minimum	Maximum	+10 °C	24 hours	1 week	+20 °C	16 hours	1 week	+30 °C	12 hours	1 week
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APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

Refer to Sikalastic®-851 or Sikalastic®-8800 Product Data Sheets

SUBSTRATE PREPARATION

Apply Sikalastic®-8902 within the indicated overcoating time of the applied waterproofing membrane. No further substrate preparation is necessary. If the overcoating time of the applied waterproofing membrane is exceeded, the surface must be prepared mechanically by a light grinding and application of the Sikalastic®-810 adhesion promoter.

MIXING

Stir part A for 3 minutes using a low speed single paddle electric stirrer (300–400 r/min). Add all of part B to part A and mix continuously until a uniform consistency has been achieved. To ensure thorough mixing pour materials into a clean container and mix again for at least 1 minute. Over mixing must be avoided to minimise air entrainment. During the final mixing stage, scrape down the sides and bottom of the mixing container with a flat or straight edge trowel at least once to ensure complete mixing. Mix full units only. Mixing time for A+B = 4 minutes.

APPLICATION

Apply Sikalastic®-8902 within the indicated overcoating time of the applied waterproofing membrane by brush, roller or airless spray. Ensure a continuous coat covers the substrate.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with Thinner C immediately after use. Hardened/cured material can only be mechanically removed.

IMPORTANT CONSIDERATIONS

- Sikalastic®-8902 is not UV resistant and changes colour under UV exposure. This has no influence on the function and performance of the coating if the exposure is a maximum of 4 weeks.
- If the paving asphalt cannot take place within 3 days, the entire surface must be covered using suitable protective measures to prevent dirt and moisture contamination in addition to preventing mechanical damage of the pellets due to construction traffic.
- Sikalastic®-8902 is not a trafficable surface, asphalt supply trucks and asphalt pavers must be the only vehicles to pass over the applied unprotected surface.
- Exceeding the recommended thickness of the tack coat may lead to higher consumption.
- Exceeding the recommended thickness may lead to limited performance of the broadcast Sikalastic®-827 HT pellets.

BASIS OF PRODUCT DATA

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

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) 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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ISO 9001: Sika UAE LLC,
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ISO 14001: Sika UAE LLC,
Sika Gulf B.S.C. (c),
Sika Saudi Arabia Co. Ltd
OHSAS: Sika UAE LLC,
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All products are supplied
under a management
system certified to conform
to the requirements of the
quality, environmental and
occupational health &
safety standards ISO 9001,
ISO 14001 and OHSAS
18001.

Product Data Sheet

Sikalastic®-8902

December 2018, Version 01.01

020702020010000008

Sikalastic-8902-en-AE-(12-2018)-1-1.pdf

