

PRODUCT DATA SHEET

Sikalastic®-8902

TWO PART, TOUGH ELASTIC, 100 % SOLIDS, TRANSPARENT POLYURETHANE TACK COAT

DESCRIPTION

Sikalastic®-8902 is a two part, tough elastic, 100 % solids, transparent polyurethane tack coat system.

USES

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

Sikalastic®-8902 is used to bond Sikalastic®-827 HT hot melt pellets on the spray applied waterproofing membranes Sikalastic®-851 and Sikalastic®-8800.

CHARACTERISTICS / ADVANTAGES

- Tough elastic
- Solvent free
- Easy to apply
- Heat resistant to the pavement of mastic asphalt

ENVIRONMENTAL INFORMATION

According USGBC LEED Rating Sikalastic®-8902 conforms to the requirements of LEED EQ Credit 4.2: Low – Emitting Materials: Paints & Coatings SCAQMD Method 304-91 VOC Content < 100g/l.

APPROVALS / STANDARDS

- BBA/ HAPAS guideline of UK road authorities, British Board of Agreement, certificate No. 15/H237

PRODUCT INFORMATION

Composition	Polyurethane
Packaging	Comp. A: 20,25kg Comp. B: 4.75kg
Appearance / Colour	Transparent
Shelf Life	12 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 °C and +30 °C. Protected from direct sunlight and frost.
Density	Mixed resin approx. 1.39 kg/l Density values determined at +23 °C
Solid Content	~99 %
Tensile Strength	> 10 N/mm ² (DIN 53504)

Chemical Resistance Sikalastic®-8902 is resistant to de-icing salt, hydro carbons, hydraulic oils, bitumen and alkalies.

Temperature Resistance	Exposure	Dry heat
	Short term	up to max. 240 °C

APPLICATION INFORMATION

Mixing Ratio	81:19 by weight		
Consumption	~0.75 kg/m ²		
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		
	Temperature	Minimum	Maximum
	+10 °C	24 hours	1 week
	+20 °C	16 hours	1 week
	+30 °C	12 hours	1 week

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

Substrate must be properly applied Sikalastic®-851 or Sikalastic®-8800

SUBSTRATE PREPARATION

- In case overcoating takes place within the indicated overcoating time of the spray applied membrane no further substrate preparation is necessary
- In case the overcoating time of the properly spray applied membrane is exceeded, the surface must be prepared mechanically by a light grinding and application of the adhesion promoter Sikalastic®-810

MIXING

Add all of part B to part A and mix continuously for 3 minutes until an uniform mixed has been achieved. To ensure proper mixing pour mixed material into a clean container and mix again. Use a low speed electrical stirrer (300–400 rpm) to avoid air entrapment.

APPLICATION

Sikalastic®-8902 can be applied by brush, roller or air-less spray

CLEANING OF TOOLS

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. However, the performance and technical properties are not affected if the exposure is max. 4 weeks
- If the pavement of the asphalt can not take place within 3 days the entire surface shall be covered and protected
 - to prevent the pick up of dirt and moisture
 - to prevent mechanical damage of the pellets due to traffic on construction site
- Sikalastic®-8902 is not trafficable, only asphalt supply trucks and asphalt paver shall pass over the ready applied 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 broadcasted Sikalastic®-827 HT pellets

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 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.

Sika Kimia Sdn. Bhd.

Lot 689, Nilai Industrial Estate, 71800 Nilai
Negeri Sembilan D.K., Malaysia
Phone: +606-7991762
Fax: +606-7991980
e-mail: info@my.sika.com
Website: www.sika.com.my



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