

## PRODUCT DATA SHEET

# Sikalastic®-888 Hybrid

Two component solvent free 100% solids Polyurethane/Polyurea Hybrid membrane

### DESCRIPTION

Sikalastic®-888 Hybrid is a two component, elastic, 100% solids, very fast curing polyurethane/polyurea hybrid liquid applied membrane with moderate chemical resistance.

Sikalastic®-888 Hybrid is suitable for use in hot and tropical climatic conditions.

### USES

Sikalastic®-888 Hybrid is ideal for the following applications:

On Concrete:

- Waterproofing on concrete bridge decks, membrane underneath hot rolled asphalt
- Waterproofing for submersed structures
- Waterproofing for cut and cover structures
- Waterproofing on walkways and balconies
- Waterproofing on floors and car park decks
- Water retaining structures in power plants Tank, bund and pit lining in fresh water areas of sewage and waste water treatment plants

On Steel:

- Truck bed lining

### PRODUCT INFORMATION

<b>Composition</b>	Polyurethane/ Polyurea Hybrid
<b>Packaging</b>	Part A: 228kg Part B: 206kg (434kg kit) Part A: 23kg Part B: 20kg (43kg kit) **Grey only**
<b>Shelf life</b>	12 months from date of production

### CHARACTERISTICS / ADVANTAGES

- Very fast reactivity and curing time
- Almost immediate return-to-service time
- Applicable in temperatures from -10 °C to +50 °C
- Performs in constant dry temperatures from -30 °C to +100 °C
- Excellent crack bridging properties
- Moderate chemical resistance
- Good abrasion resistance
- Not UV resistant

### APPROVALS / CERTIFICATES

AS/ NZS 4020:2018 Potable water approved (Natural colour only)

AS4654.1- 2012 Waterproofing membranes for external above-ground use

<b>Storage conditions</b>	The packaging must be stored properly in original, unopened and undamaged sealed packaging, in dry and cool conditions protected from direct sunlight.
<b>Colour</b>	Grey White (MTO) Blue (MTO) Natural (MTO)- For potable water applications
<b>Density</b>	Part A: 1.10kg @ 25°C Part B: 1.02kg @ 25°C
<b>Viscosity</b>	Part A: 800 (cps @ 25°C) Part B: 170 (cps @ 25°C)
<b>Shore A hardness</b>	90 (AS1683.15)
<b>Tensile strength</b>	14 (AS1683.11)
<b>Tensile strain at break</b>	255% Elongation at break Class II membrane (AS4654.1-2012 Appendix A)
<b>Tear strength</b>	42 kN/m (AS1683.12- Angle tear strength)
<b>Service temperature</b>	-30°C to +100°C

## SYSTEM INFORMATION

<b>System structure</b>	<b>CONCRETE SUBSTRATE APPLICATIONS:</b>		
	<b>Coating System</b>	<b>Product</b>	<b>Consumption</b>
	Primer Coat	Sikalastic 100 EP Primer/ Sikafloor 160 (epoxy primer)	0.2-0.4kg/m <sup>2</sup> (depending on substrate porosity)
	Primer Broadcast	0.3-0.8mm kiln dried quartz sand	1.0-1.5kg/m <sup>2</sup>
	Membrane Coat	Sikalastic®-888 Hybrid	approx. 1.02kg/m <sup>2</sup> /mm
	<ul style="list-style-type: none"> <li>▪ Sikalastic 100 EP Primer must be used as the primer for potable water applications.</li> <li>▪ If Sikalastic 100 EP Primer/Sikafloor 160 is being overcoated with Sikalastic®-888 Hybrid within 24 hours of application, sand broadcasting is not required.</li> <li>▪ Please note for substrates containing moisture (up to 6%) we suggest substituting primer for Sikalastic Moisture Seal.</li> <li>▪ For adhesion to other substrates than concrete please contact Sika Technical for advice.</li> </ul>		
<b>Mixing ratio</b>	Part A : Part B = 1:1 volume		
<b>Consumption</b>	approx. 1.02kg/m <sup>2</sup> /mm		
<b>Layer thickness</b>	>2mm :Typical waterproofing applications- Podiums,balconies,roof tops etc >3mm: Tanking/immersed applications Please consult Sika Technical for film thickness of all other applications		
<b>Ambient air temperature</b>	-20°C ~ +50°C		
<b>Relative air humidity</b>	< 85%		
<b>Substrate temperature</b>	+1°C ~ +50°C ≥ 3°C above dew point, beware of condensation		
<b>Curing time</b>	6 days at 25°C		
<b>Waiting time to overcoating</b>	2-6min depending on temperature. Note: Do not exceed 2 hour overcoat window		

## 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.

## 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.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product 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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### Product Data Sheet

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