

PRODUCT DATA SHEET

Sikalastic® M 860

(formerly MSeal M 860)

2C-PU/PUA waterproofing membrane, highly elastic, for hand applications

PRODUCT DESCRIPTION

Sikalastic® M 860 is a two-component, hand applied, self-levelling, elastomeric polyurethane-polyurea hybrid membrane.

USES

Sikalastic® M 860 is used in a variety of concrete water-proofing applications including balconies, terraces, podium decks and car park decks. It's also used in roofing applications where there is no requirement for a fire retardant coating.

CHARACTERISTICS / ADVANTAGES

- Monolithic – no laps, welds or seams
- Fully bonded
- Excellent mechanical properties
- Excellent crack bridging capability
- Resistant to puncture
- Resistant to standing water
- Thermoset – do not soften at high temperature
- Remain elastic at low temperatures
- (Tg approx – 45 °C)
- Can be re-coated after only a few hours

APPROVALS / STANDARDS

- CE Marking and Declaration of Performance to EN 1504-2 - Surface protection product for concrete - Coating

PRODUCT INFORMATION

Chemical Base	PU/PUA hybrid	
Packaging	30kg KIT	
	Part A	10.7 kg drums
	Part B	19.3 kg drums
	12kg KIT	
	Part A	4.28 kg drums
	Part B	7.72 kg drums
	Refer to current price list for packaging variations.	
Colour	grey	
Shelf Life	Part A & Part B: 12 months from date of production	
Storage Conditions	The product must be stored in original, unopened and undamaged packaging in dry conditions at temperatures between +15 °C and +25 °C. Do not expose to direct sunlight. Always refer to packaging.	

Density	1.24 g/cm ³	
Viscosity	Mix	5200 mPas
	Value at +20°C	

TECHNICAL INFORMATION

Shore A Hardness	75 (after 28 days)	
Tensile Strength	15 N/mm ²	(DIN 53504)
Elongation at Break	700 %	(DIN 53504)
Tear Strength	21 N/mm ²	

APPLICATION INFORMATION

Mixing Ratio	Part A : Part B = 100 : 180 (by weight)	
Consumption	1.24 kg/m ² /mm	
Ambient Air Temperature	+5 °C min. / +30 °C max.	
Relative Air Humidity	max. 80 %	
Substrate Temperature	+5 °C min. / +30 °C max.	
Open Time	at +10°C	35 min
	at +20°C	25 min
	at +30°C	15 min
	Values for 30 kg KIT	
Curing Time	at +10°C	5 days
	at +20°C	4 days
Waiting Time / Overcoating	at +10°C	min. 8 h
	at +20°C	min. 5 h

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

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.

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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March 2025, Version 02.01
02070600000002063

SikalasticM860-en-IE-(03-2025)-2-1.pdf

