

PRODUCT DATA SHEET

Sikalastic® M 860

(formerly MSeal M 860)

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

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.

FEATURES

- 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

CERTIFICATES AND TEST REPORTS

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

PRODUCT INFORMATION

Composition	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)
Tensile strain 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 to overcoating	at +10°C	min. 8 h
	at +20°C	min. 5 h

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

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