

PRODUCT DATA SHEET

Sikalastic®-487

High performance, moisture-curing hand applied elastomeric polyurethane membrane

DESCRIPTION

Sikalastic®-487 is a high performance, hand-applied, low VOC, moisture-curing single component elastomeric polyurethane

USES

Sikalastic®-487 is designed for the following waterproofing applications:

- Under-screed in wet areas
- Under-screed on balconies
- Non-UV applications
- Podiums and decks

CHARACTERISTICS / ADVANTAGES

- Low VOC, complies with Green Star requirements
- Quick tack-free surface
- High resistance to stagnant water
- High resistance to puncture
- Excellent crack bridging capability
- High elongation, Class III membrane >300% according to AS/NZ4858
- Single component, ready to use

PRODUCT INFORMATION

Composition	Single-pack moisture curing polyurethane
Packaging	15 Litres
Colour	Grey
Shelf life	9 months
Storage conditions	From date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +30°C.
Density	1.35-1.40 (g/cm ³)
Volatile organic compound (VOC) content	180g/L
Viscosity	8,000 - 14,000 cP @30RPM
Shore A hardness	50 Shore A
Tensile strength	> 2 MPa
Tensile strain at break	> 300%
Tear strength	12 kN/m
Service temperature	-20 to +80°C

Dry film thickness	2 coats of a minimum of 680 microns (WFT) are required to achieve a 1.2mm dry film thickness.
Relative air humidity	Between 20 and 90%
Substrate temperature	+5 to +35°C
Substrate moisture content	Up to 5%
Waiting time to overcoating	In normal conditions, Sikalastic®-487 can be recoated with another layer of Sikalastic®-487 after one night and within 2 days. In case of rain or if the recoating interval was exceeded, light abrasion and reactivate Sikalastic®-487 with Sika Thinner C or for the best results remove the existing coating back to substrate and re-apply.
Drying time	24 hours for full cure.

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.

IMPORTANT CONSIDERATIONS

Do not install Sikalastic®-487 without the use of a primer. Do not under apply Sikalastic®-487 as this will impact the products performance and cause premature degradation.

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.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Surface must be clean, sound, smooth and dust-free as well as oil-free. A layer of diluted Sikalastic®-487 membrane (with 10% Thinner C) can be used as a primer for dry and contaminants-free concrete. In the case of high porosity, it is recommended to use an epoxy primer. Please see 'priming' section below for further information.

APPLICATION

PRIMER:	CONSUMPTION RATE:
Sikalastic® PU Primer	4m2 per Litre
Sikalastic® Moisture Seal	Up to 10m2 per Litre (refer to pds)
Sikalastic®-487 (10% diluted Thinner C)	4m2 per Litre

NOTES:

-The above consumption rates are indicative only and can fluctuate depending on porosity of surface being primed.

MEMBRANE APPLICATION:

Sikalastic®-487 can be applied with a brush or a roller to the desired thickness.

2 coats of 680 micron (WFT) are required to achieve a dry film thickness of 1.2mm.

Sikalastic®-487 can be subject to light foot traffic and screed applications after 24 hours.

CLEANING OF EQUIPMENT

Reusable tools should be cleaned carefully with Sika Thinner C before curing.

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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