

Sikalastic®-488 (au)

Single-Pack Waterproofing membrane

Product Description Sikalastic®-488 is a high performance, hand-applied, low VOC, moisture-curing single-pack elastomeric polyurethane waterproofing membrane. Sikalastic®-488 is directly foot-trafficable.

Uses It is designed for waterproofing diverse parts of a building including...

- Balconies
- Terraces
- Podium decks
- Bathrooms and wet areas
- Plant room floors
- Inverted roofs
- Undertile beds
- As base layer for Sika Car Park Deck waterproofing system

Characteristics / Advantages

- UV resistance
- Seamless membrane
- High resistance to puncture and standing water
- Quick tack-free surface
- Low VOC
- High elongation, class III membrane according to AS/NZS 4858
- Crack bridging capability, no reinforcement needed
- Elastomeric behaviour
- Single pack, ready to use
- Available in grey colour

Product Data

Form

Appearance / Colours Light Grey (~ RAL 7004)

Packaging 15 Litres

Grades also Available **Self-levelling grade (on request, lead time applies):**

High flow and low thixotropy. Ideal for horizontal surfaces when aesthetic finish is required. Easy application by brush or roller.

Construction



Storage

Storage Conditions / Shelf Life	9 months 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.
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Mechanical / Physical Properties

Composition	Single-Pack moisture curing Polyurethane
Specific Gravity	1.30-1.35 (g/cm ³)
Service Temperature	-20 to +80 °C
Curing Time	Cured overnight
VOC Content	130g/L
Odour	Low smell
Tensile Strength	6 MPa
Elongation	300%
Hardness	70 Shore A
Angle Tear Strength	20 kg/cm
UV Resistance	Excellent
Re-coating interval	Maximum 48 hours after application
Recommended substrate temperature	+5 to +35 °C
Recommended substrate moisture	Up to 5%
Recommended relative humidity	Between 20 and 90%

Application Details

Preparation	Surface must be clean, sound, smooth and dust-free as well as oil-free. A layer of diluted Sikalastic®-488 membrane (with 10% thinner 15) 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. Sikafloor®-160 epoxy primer in accordance to the current product datasheet.
Application	Ready-to-use Sikalastic®-488 can be applied with a brush or a roller to the desired thickness. 2 coats of 0.5 - 0.6 litres /m ² are required to achieve a dry film thickness of 1 mm. Sikalastic®-488 can be subject to light traffic after 24 hours. Sikalastic®-488 can be directly trafficable due to its high resistance to puncture and hardness. Vehicle traffic is not permitted on Sikalastic®-488 without the application of Sikalastic 489 as a top coat. <i>Notse: See Product Data Sheet - Sikalastic 489 for Car Park Deck Waterproofing systems. Sikalastic 488 performance is not compromised when exposed to UV light, however it may discolour and some chalking of the surface may occur. Sikalastic 489 is recommended where these affects are to be prevented.</i>
Recoating Instructions	In normal conditions, Sikalastic®-488 can be recoated with another layer of Sikalastic®-488 after one night and within 2 days. In case of rain or if the recoating interval was exceeded, light abrasion and reactivate this with Sika Colma cleaner, come back to the substrate by grinding.
Diluting	Sikalastic®-488 should only be diluted with thinner 15. Other solvents are not permitted
Coverage	2 coats of a minimum of 0.5 - 0.6 litres /m ² each are required to achieve a 1 mm dry film thickness.

Clean-up	Reusable tools should be cleaned carefully with thinner 15 or Colma Clenaer before curing.
Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.
Important Notification	<p>The information, and, in particular, the recommendations relating to the application and end-use of Sika's 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 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 proprietary rights of third parties must be observed. All orders are accepted subject of our terms and conditions of sale. Users should always refer to the most recent issue of the Australian version of the Product Data Sheet for the product concerned, copies of which will be supplied on request.</p> <p>PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.</p>



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