

Sikalastic®-488/488SL

Single-Pack Waterproofing membrane

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

Form

Appearance / Colours	RAL 7004 – Signal Grey
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Packaging	15 Litres
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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®-488/488SL 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. Sikafloor®-160 epoxy primer in accordance to the current product datasheet.
Application	Sikalastic®-488/488SL 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®-488/488SL can be subject to light traffic after 24 hours. Sikalastic®-488/488SL can be directly trafficable due to its high resistance to puncture and hardness. Vehicle traffic is not permitted on Sikalastic®-488/488SL. <i>Note: Sikalastic 488/488SL performance is not compromised when exposed to UV light, however it may discolour and some chalking of the surface may occur. Sikalastic ExcelTop is recommended as a top coat where these affects are to be prevented.</i>
Mixing	Ready-to-use pails. Mix until homogenous.
Recoating Instructions	In normal conditions, Sikalastic®-488/488SL can be recoated with another layer of Sikalastic®-488/488SL 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 Thinner C, come back to the substrate by grinding.
Diluting	Sikalastic®-488/488SL should only be diluted with Thinner C. 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 Sika Thinner C 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 Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.
Important Notes	Direct application of tile adhesive is not recommended.
Legal Notes	<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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