

## PRODUCT DATA SHEET

# Sikalastic®-242

A RAPID DRYING CLASS III FLEXIBLE UNDER TILE WATERPROOF MEMBRANE

### DESCRIPTION

Sikalastic®-242 Rapid is a highly flexible, pre-mixed ready to use fast drying, class III, Styrene Butadiene Rubber latex modified waterproofing membrane suitable for under tile and other overlaid wearing finishes.

### USES

- Concrete
- Cement renders
- Sand / Cement screeds
- Fibre cement sheets
- Compressed and extruded cement boards
- Structural plywood (non marine grade)
- Water resistant plasterboard
- Structural particle board sheeting

### CHARACTERISTICS / ADVANTAGES

- Rapid Drying - 2 hour recoat
- 4 Hours drying prior to finishes, ie tiling
- Class III highly flexible
- Changes colour once dry, pink to maroon
- Premixed, ready to use.
- Water-based, easy to use
- Low VOC

### PRODUCT INFORMATION

<b>Packaging</b>	15 Litre Pails - 32 per Pallet 4 Litre Pails - 96 per Pallet
<b>Colour</b>	Wet - Pink colour Dry - Maroon colour
<b>Shelf life</b>	12 months from date of manufacture.
<b>Storage conditions</b>	Store out of direct sunlight in dry cool conditions.
<b>Density</b>	1.30
<b>Solid content by weight</b>	69.25%
<b>Solid content by volume</b>	60.02%

## APPLICATION INFORMATION

<b>Layer thickness</b>	Walls: Apply a minimum of 2 coats to achieve a minimum dry film layer of 0.5mm thick. Floors: Apply a minimum of 2 coats to achieve a minimum dry film layer of 1.0mm thick.
<b>Drying time</b>	Allow a minimum of 2 hours drying between coats. Temperatures measured at 21°C & 50% relative humidity, longer times may be required dependant on climate and substrate porosity.
<b>Applied product ready for use</b>	Sikalastic®-242 Rapid dries in 4 hours at 21°C & 50% relative humidity. Longer drying times may be required due to climate, substrates etc.

## APPLICATION INSTRUCTIONS

All surfaces to be waterproofed must be firm, clean, dry, structurally sound designed to accommodate the expected loads of the system both live or dead loads. All grease, oil, wax, curing compounds, dust, loose material, laitance and other contaminants must be removed. All protrusions and rough spots should be dressed off to achieve a level surface. The substrate surface must be continuous and not pond water.

### Concrete

Allow at least 28 days for the concrete to cure. Concrete should be left with an open surface – standard wood float or broom finish. All traces of curing compounds or sealers should be removed prior to application. Old concrete must be thoroughly cleaned and washed and allowed to dry. The surface should be even unless falls are incorporated where required, imperfections to be repaired with a suitable Sika® Mono-Top repair mortar. Mechanical preparation of polished or burnished concrete is required.

### Sand / Cement Screeds and Renders

The screeds and / or renders must conform to the appropriate standard and should be left with a wood float finish and left to cure for at least cure for 7 days. Building Boards Water resistant plasterboard, fibrous cement sheeting, marine ply must be solidly fixed in accordance with the manufacturer's instructions specifically for tiling. The area must be primed with ECO SYSTEMS® Eco Prime WB, particularly where a jointing compound has been used.

### Particleboard

Particleboard must be fixed in accordance with the manufacturer's instructions specifically for tiling and free from any movement. Secure floor with additional fixings and wedges, sand any surface contamination after initial preparation.

### Non Porous Substrates

It may be necessary to mechanically prepare the area. Any existing tiles must be well bonded and be free from any sealers or coatings. Dense, low absorbent and impervious surfaces must be primed with ECO SYSTEMS® Prep 'N' Prime.

### Static Crack & Sheet Joint Treatment

For static cracks 0.5 – 3mm wide rout out and clean thoroughly before filling with Sika® Neutral Cure silicone to form a BondBreaker, For all sheet joints and seams clean thoroughly and fill with Sika® Neutral Cure silicone to form a Bond Breaker, apply a liberal coat of Sikalastic®-242 extending 100mm either side of the crack and place Aqua Blök® reinforcing bandage into the wet membrane, press down firmly to ensure good contact, apply another liberal coat of Sikalastic®-242 to the entire surface to embed the bandage. For dynamic cracks, expansion joints and control joints contact Sika® technical service for advice.

### Priming Guide\*

<b>Substrate</b>	<b>Primer</b>
Concrete	Eco Prime WB
Cement Screeds	Eco Prime WB
Cement renders	Eco Prime WB
Particle Board	Eco Prep n Prime
Fibre cement sheeting	Eco Prime WB
Compressed boards	Eco Prime WB
Non porous Substrates	Eco Prep n Prime
Early age screeds	Sikatite Moisture Seal 2K

*\*refer to primer tds for additional information.*

### BOND BREAKER

Sikalastic®-242 Rapid is a membrane with high extensibility and is designed for use with a 12mm Bond Breaker, a bead of Sika® Neutral cure silicone must be tooled off to form a 12mm wide bond breaker. A bond breaker must be installed at areas subject to movement, wall/wall junction, wall/floor junction, sheet joints and seams, penetrations and where there is a change in the direction or substrate type.

### Bond Breaker Tape

Sikalastic®-242 Rapid may be used with the Schonox ST tape should a fabric reinforcement tape be required.

### TILING

Sikalastic®-242 Rapid is compatible with a range of Sika® CTA® & Davco® polymer modified tile adhesives, Contact Sika Technical Service for further advice.

## APPLICATION METHOD / TOOLS

Sikalastic®-242 Rapid can be applied with a brush or roller to achieve the required thickness. Application shall be undertaken with a minimum of 2 coats and must be continuous, Sikalastic®-242 cannot span gaps or voids. A minimum of two coats is recommended, each coat must be applied in a perpendicular direction to the previous coat. The application must conform to Australian Standards and relevant local building codes. Ensure there are no defects or damage to the waterproofing membrane, if necessary repair and rectify by applying a third coat as required.

### Flood Testing:

Allow the membrane to dry for a minimum of 24 hours at 21°C & 50% relative humidity. Longer times may be required on dense or non porous substrates Flood the area with cool or cold water to a maximum height of 50mm.

Allow water pond for a maximum of 2 hours, then release.

Inspect membrane as required.

## CLEANING OF EQUIPMENT

Tools and equipment can be cleaned with water prior to drying. Once the membrane is dry mechanical removal is required.

## IMPORTANT CONSIDERATIONS

- Sikalastic®-242 is not suitable for negative hydrostatic head of water pressure.
- Sikalastic®-242 must not be applied over damp or wet substrates
- Sikalastic®-242 must not be applied in rain or if bad weather is imminent.
- Sikalastic®-242 must not be applied over coatings or contaminations.
- Sikalastic®-242 must be applied at the recommended coverage rate.
- Sikalastic®-242 must not be used in submerged applications.
- Sikalastic®-242 must not be used as a trafficable, exposed or UV stable coating.
- Do not apply Sikalastic®-242 when the temperature is below 5°C or greater than 35°C.
- Do not allow Sikalastic®-242 to freeze. To eliminate contamination or damage, the finished covering must be applied as soon as Sikalastic®-242 has cured.
- Timber floors must be overlaid with suitable cement sheeting prior to waterproofing.
- Contact Sika Technical Services for advice if further information is required or for applications not mentioned in this document.

**Sika Australia Pty Limited**

ABN 12 001 342 329

aus.sika.com

Tel: 1300 22 33 48



**Product Data Sheet**

**Sikalastic®-242**

August 2020, Version 01.01

02179020200000017

## 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.

## 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.

## 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.

## 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.

Sikalastic-242-en-AU-(08-2020)-1-1.pdf