

Sealoflex Prima Liquid Applied Waterproofing System



BMI

Sealoflex

Systems for roofs,
balconies, walkways and
other applications

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Sealoflex Prima

Based on polyurethane resin technology, the Sealoflex Prima Systems provide quality materials with a proven track record. Sealoflex Prima is designed for application within the commercial refurbishment and new build sectors. It can be applied as a complete roof overlay solution or as part of a new warm roof build up.

FEATURES & BENEFITS

- Safe to install – solvent and VOC free
- Service life in excess of 25 years – highly durable
- Accelerated curing times and fast installation
- Very low to no odour and no impact on members of the public
- Versatile – suitable for a wide range of substrates, including bitumen membranes, weathered asphalt, synthetic membranes, concrete, metals and plywood /OSB

PRODUCT TESTING

BMI Sealoflex Prima has been independently site and laboratory tested by the British Board of Agrément and awarded BBA certificate number 13/5028.



APPLICATION CONDITIONS

Apply when atmospheric and substrate temperatures are greater than 5 °C. The surface of the substrate should be clean and dry and must be 3 °C above the dew point. If the surface is at or below the dew point temperature, moisture can form at the surface, which might affect adhesion and curing.

Do not apply if rain is imminent.

Before applying Sealoflex Prima make sure the substrate has been properly prepared and primed.



International Departure Lounge, Heathrow Airport, UK

MIXING INSTRUCTIONS

Stir Component A thoroughly. Add Component B to Component A and mix again thoroughly until no streaks are visible. To avoid mixing errors, ensure the mixture is changed to another container and stirred again.

Once mixed, there is a 30 minute workability period (23°C; 50% relative humidity). This period will vary depending on the ambient conditions.

Sealoflex Prima Speedshot accelerates the curing time of the Sealoflex Prima LAW System at surface and ambient temperatures of between +5 °C and +10 °C.

Remove the blue cap and squeeze the bottle several times until the liquid reaches the 25 ml (1 shot) line in the dosage chamber. Add the appropriate number of single shots to the Prima Waterproof Coating as required.

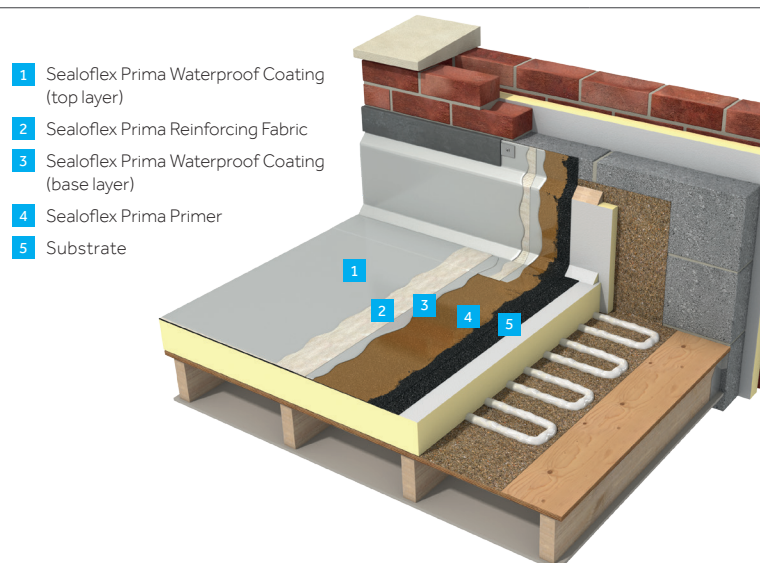
SEALOFLEX PRIMA SYSTEM COMPONENTS

SYSTEM COMPONENT	DESCRIPTION	COMPONENT SIZE	CONSUMPTION
Surface Preparation			
Sealoflex Prima MEK Cleaner	Solvent cleaner for cleaning and preparing surfaces prior to coating	9 kg	N/A
Substrate Primers			
Sealoflex Prima 2-Part Primer	Two part solvent free primer for bituminous, asphalt, metal, timber and PVC surfaces	5 kg (2 x 2.5 kg)	0.33 kg/m ²
Sealoflex Prima HP Primer	Two part high penetration primer for concrete surfaces	10 kg (A: 7 kg; B: 3 kg)	0.3 - 0.4 kg/m ²
Sealoflex Prima HP5 Primer	Two part high penetration primer for concrete surfaces	10 kg (A: 7 kg; B: 3 kg)	0.3 - 0.4 kg/m ²
Sealoflex Prima TPO Primer	Single-component solvented primer for TPO membranes	4 kg	0.1 kg/m ²
Waterproof Coating			
Sealoflex Prima Waterproof Coating	Two component, solvent free polyurethane coating	12.5 kg (A: 10 kg; B: 2.5 kg)	2.7 - 3.6 kg/m ² *
Reinforcing Membrane			
Sealoflex Prima Reinforcing Fabric - 10, 15 and 20	120 g/m ² , 165 g/m ² and 200 g/m ² polyester reinforcing fleece	1.05 m x 50 m; 0.7 m x 50 m; 0.262 m x 50 m;	N/A
Surface Finish			
Sealoflex Prima Walkway Compound	Two component, solvent free resin, used to receive and locate Prima Quartz for anti-skid walkways	10 kg (A: 7.5 kg; B: 2.5 kg)	0.5 kg/m ²
Sealoflex Prima Coloured Quartz	0.4 - 0.8 mm quartz sand in natural and black / grey colour particles	25 kg	3 - 5 kg/m ²
Sealoflex Prima Bulking Sand	Fine silica sand mixed with Walkway Compound to create a levelling slurry	25 kg	See Product Data Sheet for mixing ratios
Sealoflex Prima UV Clear	Single-component, low solvent coating used as final encapsulation and protection layer above Sealoflex Prima Quartz	10 kg	0.25 kg/m ²
Accessories			
Sealoflex Prima Speedshot	Used to speed up the curing time of the Sealoflex Prima System in colder weather	900 ml	See Product Data Sheet for mixing ratios

* See Coverage Rates on Sealoflex Prima Waterproof Coating Product Data Sheet.

APPLICATION METHODOLOGY

- 1 Apply a base coat of Sealoflex Prima Waterproof Coating to the substrate.
- 2 Place the Sealoflex Prima Reinforcing Fabric into the base coat making sure there are no creases in the fabric and that no air is trapped beneath it.
- 3 Roof details should be double reinforced with Sealoflex Prima Reinforcing Fabric.
- 4 Apply a top coat of Sealoflex Prima Waterproof Coating to the saturated fabric.
- 5 Allow to cure.



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BMI UK & Ireland is part of the world's largest roofing and waterproofing manufacturer. A global business specialising in building materials for today's and tomorrow's needs. BMI is a new name, backed-up with over 180 years experience and knowledge. Bringing together the roofing expertise of industry leading Icopal and Redland and their experience in the specification, manufacture and supply of pitched and flat roofing solutions. United to deliver excellence for our customers.

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