

Sealoflex Prima HP5 Primer

Sealoflex Prima HP5 Primer is used to prepare concrete or cementitious surfaces, enhancing the adhesion of the Sealoflex Prima System. Sealoflex Prima HP5 Primer can also be used as an alkaline protection layer.

PRODUCT DATA

Container size	10 kg (7 kg Comp A, 3 kg Comp B)
Form	Liquid
Application rate	0.5 kg per m ² (as primer) 0.4 - 0.6 kg per m ² (as alkaline barrier)
Coverage per pack	Approx. 20 m ²
Workability period	25 minutes*
Rainproof	Approx. 3 hours*
Walkable	Approx. 4 hours*
Overcoating period	After approx. 4 hours*
Shelf life	12 months
Colours	Blue (Component A) Transparent (Component B)

* Dependent on environmental conditions. Values attained at 23 °C and 50% relative humidity. Times given are reduced with higher (and increased with lower) surrounding and work surface temperatures.

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.



DESCRIPTION

Sealoflex Prima HP5 Primer is a solvent-free two-component primer based on epoxy resin. Component 'A' is blue; Component 'B' is transparent. It is supplied as a 10 kg (7+3 kg) pack in metal containers.

SURFACE PREPARATION

Ensure the substrate is sound, clean, dry and free of frost, dust and debris, and any material which would hinder adhesion.

APPLICATION CONDITIONS

Apply only 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 below or at dew point temperature then moisture can form at the surface and affect coating adhesion and curing.

APPLICATION METHOD

Pour Component B into Component A mixing slowly with a stirring stick or paddle mixer on slow setting. The mixture should be a consistent colour and free from streaks. Mixing time is 2 minutes. To avoid mixing errors, the mixture should be poured into another container and stirred thoroughly. Apply within 25 minutes.

Once ready, apply the mixed primer onto the prepared substrate with a perlon roller, avoiding unnecessary accumulation of product. The specified Sealoflex Prima system can be applied above the primed surface when it is tack-free and dry. Depending upon atmospheric conditions, a minimum 4 hours will be required before overcoating.

Once applied, Sealoflex Prima HP5 Primer must be overcoated within 8 days of application, otherwise separation effects can occur. If any delays in overcoating are anticipated, Sealoflex Prima Natural Quartz may be broadcast over the wet primer to aid adhesion.

When using Sealoflex Prima HP5 Primer as an alkali protection barrier, apply to the cured Elastoflex membrane and immediately broadcast Sealoflex Prima Natural Quartz at a rate of approximately 500 to 1000 g/m² ensuring full coverage.

Personal Protective Equipment (PPE) should be worn.

CLEANING

Clean tools immediately after use using Sealoflex MEK Cleaner.
Wash hands thoroughly after use.

TYPICAL SPECIFICATION

Primer to be Sealoflex Prima HP5 Primer, as supplied by BMI UK & Ireland, BMI House, 2 Pitfield, Kiln Farm, Milton Keynes MK11 3LW.
Primer to be applied at an approximate rate of 500 g/m² depending on the porosity of the substrate.

Where used as an alkaline barrier an approximate application rate of 400 - 600 g/m² is anticipated.

NBS SPECIFICATION

Sealoflex Prima HP5 Primer can be specified using the following clause:

Clause: J31/305

Product: Sealoflex Prima HP5 Primer.

Manufacturer: BMI UK & Ireland, BMI House, 2 Pitfield, Kiln Farm, Milton Keynes MK11 3LW.
Telephone: +44 (0) 1908 015760.



QUALITY ASSURANCE

Sealoflex Prima products are supplied under a Quality Management System approved to EN ISO 9001: 2015 by TÜV NORD CERT GmbH



STORAGE

Containers should be stored in a cool, dry, and frost-free environment on a flat, level, and clean surface away from sources of ignition, including pilot lights and sparks. In original unopened containers the shelf life is 12 months. Protect the product against moisture, direct sunlight and extremes of temperature.

Keep containers tightly closed when not in use. At temperatures below 5 °C crystallisation may occur.

DISPOSAL

Components A + B (Liquid)	EWC	08 04 09
Components A + B (Cured)	EWC	08 04 10

HEALTH & SAFETY

Health & Safety information supplied by manufacturer must be observed. Do not allow into the sewer system or ground.

TECHNICAL SERVICES

Specialist advice and design guidance on all matters relating to Sealoflex Prima systems is freely available from our Technical Services Team.

BMI UK & Ireland

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We are committed to continuously enhancing and improving our product range. We reserve the right to change our product specifications. We reserve the right to correct any typographical or clerical error or omission. For the latest information contact customer service.