

Sealoflex Endura Concrete Primer

PRODUCT DATA

Container size	10 kg base resin
Form	Liquid
Application rate	Min. 0.4 kg per m ²
Rainproof	Approx. 25 minutes*
Walkable	Approx. 45 minutes*
Withstand stress	Approx. 2 hours*
Pot life	Approx. 15 minutes* (at 20 °C)
Shelf life	Min. 6 months**
Colour	Transparent

* Times given are reduced with higher (and increased with lower) surrounding and work surface temperatures.

** If stored in original container.

INTENDED USE

Sealoflex Endura Concrete Primer is used to prepare concrete or cementitious surfaces, enhancing the adhesion of the Sealoflex Endura Liquid Applied Waterproofing System.

DESCRIPTION

Sealoflex Endura Concrete Primer is an exceptionally fast curing, cold-applied 2-component primer comprising resin and catalyst. It is both solvent and isocyanate free.

SURFACE PREPARATION

Ensure that the substrate is clean, dry and free from dust, laitance, grease, oil and any other contaminants and assess / pre-treat / prepare substrate in accordance with Sealoflex Endura specification.

APPLICATION CONDITIONS

Apply only when atmospheric and substrate temperatures are 0 °C to 35 °C, with up to 95% RH. 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.

Personal Protective Equipment (PPE) should be worn.

INITIAL RESIN MIXING

- Thoroughly mix the Sealoflex Endura Concrete Primer resin in the drum with a slow speed mixer until the resin achieves a uniform consistency.
- If required, decant a measured weight of resin into a suitable container.

MIXING RATIO

Measure the appropriate weight of catalyst for the weight of resin and the temperature. Add the catalyst to the pre-mixed / decanted resin and thoroughly mix using a slow speed mixer for a minimum 2 minutes until the catalyst has been evenly distributed. Leave for a minimum of 1 minute to allow the catalyst to fully dissolve. Re-mix and use the mixed material within the pot life.

Temperature range of:

- 0 °C to +5 °C 10 kg resin + 0.60 kg catalyst (6%)
- +5 °C to +15 °C 10 kg resin + 0.40 kg catalyst (4%)
- +15 °C to +35 °C 20 kg resin + 0.20 kg catalyst (2%)

COVERAGE RATES

The minimum application rate for the Sealoflex Endura Concrete Primer is 0.4 kg/m² on a smooth, even, non-absorbent substrate.

APPLICATION METHOD

Apply the mixed primer onto the prepared substrate with a roller, or squeegee followed by a roller, avoiding unnecessary accumulation of product.

Interruptions During Works

Unless the surface is fully aggregate filled, if work is interrupted for more than 12 hours or if soiled by rain etc., use Sealoflex Endura Cleaner to clean and reactivate the transition area. Overlay after Sealoflex Endura Cleaner has evaporated and a minimum 20 minutes / maximum 60 minutes after application. If the surface is aggregate filled ensure that the surface is clean, dry and free from dust, grease, oil and any other contaminants prior to overlay.

CLEANING

Clean tools immediately after use with Sealoflex Endura Cleaner. Wash hands thoroughly after use.

STORAGE

Can be stored unopened and unmixed for approximately 6 months in a cool, dry place above freezing. Keep container away from direct sunlight when in storage and on the construction site.

HEALTH & SAFETY

Information regarding transportation, handling, storage and disposal can be found on the Safety Data Sheet and on the label of the container. All recommendations and warnings must be observed.

TECHNICAL SERVICES

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

BMI UK & Ireland

BMI House
2 Pitfield
Kiln Farm
Milton Keynes
MK11 3LW
+44 (0) 1908 015760

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