

Sealoflex Endura BT System

PRODUCT DATA

Container sizes	Resin: 10 kg (drum) Filler: 23 kg (bag)
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Form	Liquid
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Consumption	Min. 4 kg per m ²
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Rainproof	Approx. 30 minutes
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Walkable	Approx. 1 hour
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Overcoating	Approx. 1 hour
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Withstand stress	Approx. 2 hours
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Pot life	Approx. 15 minutes*
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Shelf life	Min. 6 months**
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Colour	Buff
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* Times given are reduced with higher (and increased with lower) surrounding and work surface temperatures. Values attained at 20 °C.

** If stored in original container.

INTENDED USE

Sealoflex Endura BT System is a self levelling compound used to receive surface layers in balcony and roof terrace waterproofing.

DESCRIPTION

Sealoflex Endura BT System is an exceptionally fast curing, cold liquid applied surfacing layer comprising resin, filler and catalyst.

- Self-levelling
- Waterproof
- Flexible
- Chemical and UV resistant
- Mechanically resistant
- 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.

Personal Protective Equipment (PPE) should be worn.

INITIAL RESIN MIXING

- Thoroughly mix the Sealoflex Endura BT System 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.

Ratio is 1 part resin (10 kg), 2.3 parts filler (23 kg) with catalyst dependent on temperature range, as below.

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 10 kg resin + 0.20 kg catalyst (2%)

CONSUMPTION

The approximate consumption for Sealoflex Endura BT System is 4 kg/m²/2 mm based on a smooth, even, non-absorbent substrate.

APPLICATION METHOD

Pour the mixed Sealoflex Endura BT System onto the prepared substrate and level using a trowel, notched blade or stub roller.

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 but do not apply Sealoflex Endura Cleaner.

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.

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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.