

Sealoflex Endura Fibre Fill

PRODUCT DATA

Container size (drum)	10 kg base resin
Form	Liquid + Fibres
Application rate	Min. 3 kg per m ²
Rainproof	Approx. 30 minutes*
Walkable / recoated	Approx. 45 minutes*
Pot life	Approx. 20 minutes*
Colour	Blue / Grey (RAL 7031)

* Values attained at 20 °C.

INTENDED USE

Sealoflex Endura Fibre Fill is used for structurally hard-to-reach details, where it is impossible to use a fleece-reinforced waterproofing system. It cannot be applied according to the Flat Roof Guidelines.

DESCRIPTION

Sealoflex Endura Fibre Fill is a 2-component, pigmented waterproofing resin with a polymethyl methacrylate (PMMA) base. Sealoflex Endura Fibre Fill is fibre-reinforced waterproofing resin without fleece reinforcement and offers the following features:

- Seamless
- Flexible in low temperatures
- Vapour-permeable
- Solvent-free and fast-curing
- Extremely weather-resistant (UV, IR, etc.)
- Excellent adhesion properties on a multitude of substrates
- Elastic and crack-bridging
- Mechanically strong and wear-resistant
- Resistant to media generally present in air and rainwater
- Resistant to sparks and radiant heat in compliance with DIN EN 13501-5: BROOF(t1)
- Fire classification in compliance with DIN EN 13501-1: Class E

SURFACE PREPARATION

The substrate must be sound, dry and free of loose or adhesion-reducing particles. Ensure that structural measures are taken to prevent moisture penetration of the coating from underneath. Substrate adhesion must be tested on a case-by-case basis.

During application, the surface temperature must be at least 3 °C above dew point. Below that, a separating film of moisture can form on the surface to be worked on. See Dew Point Calculation Table in Sealoflex Endura Installation Manual.

APPLICATION CONDITIONS

Sealoflex Endura Fibre Fill can be applied in surface and ambient temperatures of a minimum of 0 °C and a maximum of 35 °C. In enclosed spaces, always ensure forced ventilation with a minimum 7-fold air exchange per hour.

Personal Protective Equipment (PPE) should be worn.

MIXING INSTRUCTIONS

After thoroughly mixing the base resin, the corresponding catalyst quantity is added to and mixed with a slow-running mixing machine until there are no more lumps. Stirring time at least 2 minutes. Transfer to another receptacle and mix again. Small amounts can be mixed with a stick.

MIXING RATIO

Temperature range of:

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

COVERAGE RATES

The minimum application rate for the Sealoflex Endura Fibre Fill is 3 kg/m² on a smooth, even surface.

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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