

Sealoflex Endura Detail Coating - Summer and Winter Grades

PRODUCT DATA

Container size (drum)	10 kg base resin
Form	Liquid
Application rate	Min. 3 kg per m ²
Rainproof	Approx. 30 minutes*
Walkable / recoated	Approx. 45 minutes*
Pot life	Approx. 15 minutes*
Colour	Blue / Grey (RAL 7031)

* Values attained at 20 °C.

INTENDED USE

Sealoflex Endura Detail Coating is used for details on flat roofs, balconies, terraces and covered walks as well as parking decks.

DESCRIPTION

Sealoflex Endura Detail Coating is a 2-component, pigmented waterproofing resin with a polymethyl methacrylate (PMMA) base. Sealoflex Endura Detail Coating is reinforced with Sealoflex Endura Reinforcing Fabric 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
- Root-resistant according to FLL test methods
- Resistant to media generally present in air and rainwater
- Resistant to sparks and radiant heat in compliance with DIN EN 13501-5: BROOF(t1), BROOF(t2), BROOF(t3), BROOF(t4)
- Fire classification in compliance with DIN EN 13501-1: Class E
- European Technical Approval according to ETAG 005 with CE mark
- A hard roofing product in accordance with the German regional building regulations

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 Liquid Waterproof Coating can be applied at substrate temperatures of between -5 °C and +50 °C and ambient temperatures of between -5 °C and +40 °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. Stir for at least 2 minutes. Once mixed, transfer to another receptacle and mix again. Small amounts can be mixed with a stick.

MIXING RATIO

Temperature range of:

- -5 °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 +40 °C 10 kg base resin + 0.20 kg catalyst (2%)

COVERAGE RATES

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

CHEMICAL RESISTANCE

Acetic acid up to 10%	●	Liquid ammonia	●
Ammonia up to 10%	●	Lubricant	●
Ammonium chloride	●	Mineral oil	●
Ammonium sulphate	●	Nitric acid up to 10%	●
Animal fats	●	Olive oil	●
Apple juice	●	Orange juice	●
Calcium chloride	●	Oxalic acid 10%	●
Castor oil	●	Paraffin oil	●
Caustic potash solution up to 50%	●	Petroleum	●
Cellulose thinner	●	Phosphoric acid up to 30%	●
Chlorinated lime	●	Potassium chloride	●
Citric acid up to 30%	●	Regular petrol	○
Crude oil	●	Sea water	●
Detergent	●	Sodium carbonate	●
Dettol up to 5%	○	Sodium chloride	●
Diesel oil	●	Sodium hydroxide solution up to 50%	●
Formic acid 10%	○	Sodium sulphate	●
Hydraulic oils	●	Sulphuric acid up to 30%	●
Hydrochloric acid up to 30%	●	Turpentine substitute	○
Hydrogen peroxide up to 10%	●	Vegetable fats	●
Kerosene	○	Vegetable juice	●
Lactic acid up to 30%	●	Washing-up liquid	●
Lemon juice	●	Wine	○
Linseed oil	●		

- Resistant
- Conditionally resistant (approx. 1 to 2 hours)

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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.

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.