

LEYCO®-POX 127

EPOXY RESIN FLEXIBLE FLOOR COATING

Product Description

LEYCO®-POX127 is an elasticised, solvent-free, pigmented, two-component epoxy resin system with formulated hardener.

Uses

LEYCO®-POX127 is an elastic coating system for cement-bound substrates. The main fields of application are floor coatings in areas with high mechanical loads and possible formation of cracks, e.g. storage and fabrication halls, workshops, textile factories, shopping areas, garages, as well as in the chemical and food industry.

Advantages

- Simple application
- High mechanical strength
- Crack-bridging up to 0.5 mm
- Decorative coatings possible
- High chemical resistance

Technical Data

Mixing ratio: A:B = 3 : 1 (by weight)

Pot life: Rili-DAS_t Tt 40 °C
 at 10 °C 90 min.
 at 23 °C 35 min.
 at 30 °C 15 min.

Min. temp. for application: 12 °C

Max. time between coats: 8-24 hrs (at 23 °C)

Light traffic use after: 24 hrs (at 23 °C)

Full traffic use after: 7 days (at 23 °C)

Water absorption: DIN 53 495 -3L - 23 °C - 21d 0,9 %

Linear shrinkage: Rili-DAS_t 1,88 mm/m

Shore-hardness: DIN 53 505 46 D

Tensile strength: DIN 53 455 3,0 Mpa

Flexural strength: DIN 53 455 43,0 Mpa

E- Modulus: DIN 53 457 < 50 Mpa

Tensile strength: DIN 53 452 n.mess.

Compress. Strength: DIN 1 048 n.mess

Product Data Sheet

Product No: 30.127

Storage / Shelf life

The ideal condition is a cool and dry store.

Application

Examples for use

- 1.0 Coating smooth 0.5 - 2 mm
- 1.1 Prime with LEYCO®-POX101 - 250 g/m²
- 1.2 Apply LEYCO®-POX127 - 1.5 kg/m²
- 2.0 Coating smooth 2 - 4 mm
- 2.1 Prime with LEYCO®-POX101 - 250 g/m²
- 2.2 Apply LEYCO®-POX127 mixed with quartz sand 0.1 - 0.3 mm; mixing ratio 1:0.8.
Consumption 1.7 kg/m²/mm.
- 3.0 Coating anti-skid 2 - 4 mm
- 3.1 Prime with LEYCO®-POX101 - 250 g/m²
- 3.2 Apply LEYCO®-POX127 mixed with quartz sand 0.1 - 0.3 mm; ratio 1:0.8
- 3.3 Sprinkle fresh coating with quartz sand 0.7 - 1.2 mm.
Consumption 3-4 kg/m²
- 3.4 Apply sealing coat of LEYCO®-POX127.
Consumption 0.6 - 1 kg/m², depending on required roughness.

Surface preparation

The substrate must be firm, clean, dry and free from all contamination. All loose particles and excess laitance should be removed by mechanical or chemical methods.

Mixing

Pour the entire contents of the hardener (B) into the resin (A) and mix. Reduce wastage by not making up more material than can comfortably be applied within the pot life.

Method of application

By roller, rake or smoothing trowel. Air blisters or bubbles should be removed with a spike roller.

Cleaning

Tools and equipment should be cleaned with LEYCO®-CLEANER immediately after use

Important Note

LEYCO®-POX127 can be applied on concrete after 28 days and with a moisture content of 3 %.

Safety Instructions

Safety precautions

Gloves, barrier cream or protective clothing should be used. Prolonged skin contact may cause irritation. If accidentally splashed into eyes, flush with plenty of water and seek medical attention immediately.

Legal notes

Whilst information and/or specification contained herein is to the best of our knowledge true and accurate, and is based on many years experience, we cannot accept any liability either directly or indirectly arising from the use of our products, whether or not in accordance with any advice, specification or recommendation given by us, as we have no direct or continuous control over how or where our products are applied.

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