

# LEYCO®-POX127

## 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<sub>t</sub> 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<sub>t</sub> 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

### LEYCOCHEM-IRAQ Baghdad

Tel.: 0750-4344200, Tel.:0770-8748222, Tel.:0781-3802151

Email: sales.leycochem.iraq@leyde.com

Email: admin.leycochem.iraq@leyde.com

[www.leyde.com](http://www.leyde.com)

### LeycoChem LEYDE GmbH Germany

Industriestrasse 155

P.O. Box 501627

D-50999 Köln/Cologne

Tel.:+49(0)2236-96600-0

Fax:+49(0)2236-96600-10

Email: leycochem@leyde.com

## 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/m<sup>2</sup>
- 1.2 Apply LEYCO®-POX127 - 1.5 kg/m<sup>2</sup>
- 2.0 Coating smooth 2 - 4 mm
- 2.1 Prime with LEYCO®-POX101 - 250 g/m<sup>2</sup>
- 2.2 Apply LEYCO®-POX127 mixed with quartz sand 0.1 - 0.3 mm; mixing ratio 1:0.8.  
Consumption 1.7 kg/m<sup>2</sup>/mm.
- 3.0 Coating anti-skid 2 - 4 mm
- 3.1 Prime with LEYCO®-POX101 - 250 g/m<sup>2</sup>
- 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/m<sup>2</sup>
- 3.4 Apply sealing coat of LEYCO®-POX127.  
Consumption 0.6 - 1 kg/m<sup>2</sup>, 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.

**LEYDE-PRODUCTS** are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale. 01.09.2009