

# LEYCO<sup>®</sup>-POX 107

## HIGH- BUILD CHEMICAL-RESISTANT EPOXY- RESIN COATING

### Product Description

LEYCO<sup>®</sup>-POX107 is a solvent-containing, pigmented 2-component epoxy resin system with amine-adduct hardener.

### Uses

LEYCO<sup>®</sup>-POX107 is used as heavy-duty abrasion-resistant coating to give ultimate protection against corrosion, weathering and chemical attack. LEYCO<sup>®</sup>-POX107 is used for the protection of concrete and steel surfaces such as tanks, silos, walls, floors, steel structures, sewage works, sewage containers, dye works, petrochemical plants and installations, food industry, swimming pools and for anti-acid coatings in chemical stores and plants.

### Advantages

- Slightly thixotropic for high-build, one-coat application
- Very high resistance to chemicals.
- High mechanical strength.
- Non shrink curing.
- Simple application
- For crack bridging application in combination with glassfiber to produce protective membrane.

### Technical Data

Mixing ratio: (by weight)	A:B =100:15
Density:	1.25 g/cm <sup>3</sup>
Solid content:	73 %
Pot life:	8 hours (at 20°C)
Flash point:	> 21 ° C
Storage/Shelf life:	6 months in a cool and dry store.

### Application

#### Method of application

The substrate must be firm, clean, dry and free from all contamination. All loose particles should be removed by mechanical or chemical methods. When applying on new concrete or plaster, allow to cure for a min. of 6 weeks before EYCO<sup>®</sup>-POX107 is applied, and ensure any curing compounds are removed before application.

#### LeycoChem LEYDE-Iraq

Tel.: 0750-4344200, Tel.:0770-8748222, Tel.:0781-3802151  
Email: sales.leycochem.iraq@leyde.com  
[www.leyde.com](http://www.leyde.com)

#### LeycoChem LEYDE GmbH Germany

Industriestrasse 155 Tel.:+49(0)2236-96600-0  
P.O. Box 501627 Fax:+49(0)2236-96600-10  
D-50999 Köln/Cologne Email: leycochem@leyde.com

## Product Data Sheet

Product No: 30.107

### Mixing

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

#### 1.0 Applied on cement plaster, concrete, masonry

1.1 **1st coat:** LEYCO®-POX102, 150-200g/m<sup>2</sup>

1.2 **2nd coat:** LEYCO®-POX102 : LEYCO®-POX107 1 part by wt : 1 part by wt, 200 g/m<sup>2</sup>

1.3 **Final coat:** LEYCO®-POX107, 200g/m<sup>2</sup>

#### 2.0 Application on concrete

2.1 **1st coat:** LEYCO®-POX101, 200-300 g/m<sup>2</sup>

2.2 **2nd coat:** LEYCO®-POX107 One or more coats; each coat 200 g/m<sup>2</sup> with intervals of 24 hours.

#### 3.0 Application on steel

3.1 **1st coat:** LEYCO®-POX111 or LEYCO®-POX107 silver

3.2 **2nd coat:** LEYCO®-POX107 One or more coats of 200 g/m<sup>2</sup> each, with intervals of 24 hours.

### Cleaning

Tools and equipment should be cleaned with LEYCO®-POX-CLEANER direct after use.

## Safety Instructions

### Safety precautions

**Flammable.** 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.

### Legal notes

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