

# LEYCO®-POX 113

## HIGH-BUILD EPOXY COATING

### Product Description

High-build, airless spray applied final coating; when mixed with filler to be used for sealing and surfacing irregular cement based surfaces. Very good resistance to chemicals, solvents and fats. Resistant to UV-radiation; does not change colour by aging.

### Uses

Heavy duty protection of structural steel and concrete in chemical environments and in contact with food products. An excellent lining system for tanks in chemical and petrochemical plants, oilfields, food and bottling plants, sewage plants. High gloss finish and easy cleaning; successfully used in computer rooms, kitchens, industrial warehouses, showrooms, laboratories and hospitals.

### Advantages

- Simple application
- Good resistance to chemicals, solvents and fats and UV-radiation
- Resistant to changing temperatures - can withstand temperatures of up to 150 °C when dry

### Technical Data

Mixing ratio:	By Weight	A:B = 4:1
Viscosity DIN 4mm sec.		~25
Density at 23 °C:	g/cm <sup>3</sup>	1,55
Solid contents	%	83.5
Pot life at 23 °C	hours	4
Min. curing temp.	°C	10
Curing times at 23 °C		
Tack free	hours	4
Over coating	hours	12-48
Exposed to foot traffic	hours	12
Fully cured	days	7

### Storage/Shelf life

cool and dry

### Application

#### Surface Preparations

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

#### Mixing

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

### LeycoChem LEYDE-Iraq

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

Email: sales.leycoschem.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: leycoschem@leyde.com

## Product Data Sheet

Product No: 30.113

### Method of application

- 1.0 Coating of porous horizontal. cement floors
- 1.1 Levelling and smoothing with 1 p/wt. LEYCO-POX 122 and 0.6 p/wt. quartz sand 0.1-0.3 mm, 800-1000g/m<sup>2</sup>
- 1.2 Coating with LEYCO-POX 113 after 24 hours, 2 coats of approx. 200g/m<sup>2</sup> each
- 2.0 Sealing of vertical cement based surfaces
- 2.1 Smoothing with filler consisting of 1 p/ wt LEYCO-POX 122, 1.3 p/wt quartz sand 0.1-0.3mm, 0.04 p/wt thixotropic. agent. Consumption approx. 600 - 1000 g/m<sup>2</sup>
- 3.0 Coating of steel
- 3.1 Sandblast surface. Apply 2 coats of LEYCO-POX 111 (zinc) 250 g/m<sup>2</sup>
- 3.2 After 24 hours, apply 2 - 3 coats of LEYCO-POX 113 of 250 g/m<sup>2</sup>.

### Cleaning

with LEYCO-CLEANER

### 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 these 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