

# LEYCO®-POX104

## EPOXY RESIN PRIMER + ADHESIVE PRIMER

### Product Description

When cured, LEYCO®-POX104 forms a matt surface with excellent adhesion to almost all smooth surfaces; as primer coat for the application of epoxy resin coating. LEYCO®-POX104 is waterproof and resistant to sewage, seawater, diluted acids, lyes, heating oil, motor oil and gasoline. It can accept temperatures from -30 °C to + 90 °C.

### Uses

LEYCO®-POX104 is a 2-component epoxy resin dispersion consisting of a special pigmented hardener and liquid epoxy resin. LEYCO®-POX104 is used as a special primer coat for absorbent and non-absorbent horizontal and vertical surfaces where an ultimate adhesive strength for subsequent coatings based on epoxy resin is required. LEYCO®-POX104 is applied on new and existing coatings and areas where no mechanical key (or sandblasting) is possible, and where high bond strength is required. LEYCO®-POX104 is applied as primer on old existing epoxy coatings, tiles, smooth concrete, rendering, steel prior to application of LEYCO®-POX109, LEYCO®-POX121, LEYCO®-POX122, LEYCO®-POX124, LEYCO®-POX126, LEYCO®-POX127.

### Advantages

- Solvent-free
- No fire hazard
- No special ventilation required

### Technical Data

Mixing ratio (by weight) A:B =	10:3
Viscosity DIN 4 mm	95 sec.
Density	3/1.5 g/cm <sup>3</sup> (at 23 °C)
Pot life	90 min. (at 23 °C) 60 min. (at 30 °C)
Minimum curing temp.	12 °C
Tack free	4 hours (at 23 °C)
Over coating	4-24 hours (at 23 °C)
Accessible	12 hours (at 23 °C)
Final strength	7 days (at 23 °C)

**Adhesive strength on concrete:** greater than the tensile strength of the concrete.

### Storage/Shelf life

12 months in originally sealed containers, in a cool, frost-free, dry store.

### Application

#### Surface Conditions

The substrate must be clean, firm and free from laitance. The temperature of the substrate should be min. 3 °C and the relative humidity must not exceed 85 % at 23 °C. After application, LEYCO®-POX104 should be protected from moisture for 5 - 6 hours (at 23 °C and 50 % relative humidity).

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## Product Data Sheet

Product No: 30.104

### Mixing

Pour entire contents of comp. B into comp. A and mix thoroughly Reduce wastage by not making up more than can be applied within pot life.

### Method of application

Apply with brush roller or airless sprayer.

### Example of use

Prepare surface as a.m. Apply LEYCO®-POX104, 200-250 g/m<sup>2</sup>. After 1-2 days, apply top coat based on solvent-free epoxy resin (e.g. LEYCO®-POX109, LEYCO®-POX121, LEYCO®-POX122, LEYCO®-POX124, LEYCO®-POX126, LEYCO®-POX127 and LEYCO®-POX128).

### Cleaning

With water, immediately after use.

## 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

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