

LEYCO®-POX 103

NON YELLOWING, LOW VISCOSITY EPOXY RESIN

Product Description

LEYCO®-POX103 is a low viscous two-component epoxy resin system with formulated amine hardener.

Uses

Due to its low viscosity, LEYCO®-POX103 is especially suitable for filling cracks and joints, for the load-transmitting bonding of concrete, and also as bonding agent between old and new concrete. LEYCO®-POX103 is an approved system for two-component injection methods.

LEYCO®-POX103 can be mixed with up to 15-20 parts of mineral aggregates, and is therefore suitable to produce high strength surface smoothing and repairing and grouting compounds and as a binder for "Stone Carpets" as well.

Advantages

- Low viscosity
- Short pot live
- High mechanical strength
- Protects against carbonation
- Weather-resistant

Technical Data

Mixing ratio (by weight)	3:1 A:B
Density	1,05 g/cm ³ (at 23 °C)
Minimum curing temp.	2-10 °C
Pot life: 23 °C – 40°C	40 min
Overcoat min/max	0 –12 hours (23 °C)
Fully cured	7 days (23 °C)
Linear shrinkage	0,3 %
Volume shrinkage	3,5 %
Compr. strength	85-100 N/mm ²
Modulus of elasticity	2800
Viscosity DIN 4 mm	75 - 91 sec.

Storage: In cool dry place under shed and protected from direct sun

Shelf life: 1 year in original sealed container

Product Data Sheet

Product No: 30.103

Application

Surface Conditions

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

The entire contents of the hardener (comp. B) should be poured into the resin (comp. A) and the two components thoroughly mixed. Reduce wastage by not making up more material than can be comfortably applied within the pot life.

Method of application

For injection with LEYCO-POX 103, see separate leaflet with the relevant technical instructions.

For production of filling compounds and repair mortars please request formulations and mixing instructions from manufacturer. Can be applied with brush roller or airless spray.

Cleaning

Tools and equipment should be cleaned with LEYCO-CLEANER 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