

# LEYCO<sup>®</sup>-POX 121

## NON-SLIP, SELF-LEVELLING EPOXY RESIN FLOOR COATING AND FLOOR TOPPING



- Simple application – self-levelling
- No priming required
- Complete system and high early strength
- Uniform surface - non-slip, non-skid
- Good chemical resistance
- Excellent abrasion resistance - no maintenance
- Non-toxic
- Fulfills safety regulations in food industry when cured

As free-flowing self-levelling pigmented floor coating system for cementitious or metallic substrates, to provide a surface with very good resistance to mechanical stress and chemical attack. The coating resists penetration of oils, solvents, liquids and most chemicals.

As a three-component solvent-free pigmented self-levelling mortar screed, based on LEYCO®-POX 121 epoxy system to form a dense, non-slip, abrasion-resistant self-levelling floor surfacing of 3 - 4 mm thickness for workshops and production areas. Particularly suitable in "wet" processing areas, e.g. food industry, beverage industry, bottling plants, dairies, meat processing plants, garages etc...



## LEYCO®-POX 121

Product-No. 30.121

### NON-SLIP, SELF-LEVELLING EPOXY RESIN FLOOR COATING AND FLOOR TOPPING

#### DESCRIPTION

LEYCO®-POX 121 is manufactured according to MIB-R specifications. LEYCO®-POX 121 is a 2 or 3 component solvent-free, pigmented, self-levelling floor coating based on epoxy resins.

#### ADVANTAGES

- Simple application – self-levelling
- No priming required
- Solvent-free – no special ventilation required
- Complete system and high early strength
- Uniform surface – non-slip, non-skid
- Good chemical resistance
- Excellent abrasion resistance – no maintenance
- Non-toxic
- Fulfills safety regulations in food industry when cured

#### TECHNICAL DATA

Mixing ratio	by wt.	A:B = 9 : 2
Viscosity at 23°C/8mm		23
Density at 23°C	DIN 51 757	1,47 g/cm³
Pot life_ Rili-DASt		Tt40°C
at 10 °C		90 min.
at 23 °C		40 min.
at 30 °C		20 min.
Min. temp. for application		12°C
Max. time between coats at 23°C		8-24 hrs
Light traffic use after at 23°C		24 hrs
Full traffic use after at 23°C		7 days
Water absorption	DIN 53 495	
	-3L-23°C-21d	0,8 %
Linear shrinkage	Rili-DASt	1,09mm/m
Shore-hardness	DIN 53 505	87 D
Tensile strenght	DIN 53 455	26,0 Mpa
Flexural strenght	DIN 53 455	3,0 Mpa
E- Modulus	DIN 53 457	3500 Mpa
Tensile strenght	DIN 53 452	59,0 Mpa
Compres. strenght	DIN 1 048	98,0 Mpa

#### INSTRUCTIONS FOR USE

##### 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

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

##### Application

LEYCO®-POX 121 should be brush or spray applied to the prepared surface. It should be worked well into the surface until the whole area is uniformly wet. LEYCO®-POX 121 can be supplied with a special slow or fast curing hardener. To obtain anti-skid surface, fine quartz sand 0-0.3 mm dia should be sprinkled onto non-cured LEYCO®-POX 121 coating. LEYCO®-POX 121 non-shrink self-levelling grout is produced by mixing 1 part by wt of LEYCO®-POX 121 and 4 parts by wt. of LEYCO-KS or suitable quartz sand mixtures.

##### Limitation

LEYCO®-POX 121 mortar can be applied after concrete is 28 days old, and moisture content is 3 %.

#### HEALTH AND 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.

#### REMARK

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.

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