

LEYCO[®]-POX 142 S

HEAVY DUTY CHEMICAL RESISTANT EPOXY FLOOR SCREED

Product Description

LEYCO-POX 142 S is a solvent-free, pigmented, 3-component epoxy resin systems with formulated amine hardener and Quartz-Silica filler.

Uses

LEYCO-POX 142 S screeds are used for concrete floor surfacing mainly in chemical and industrial plants, where high chemical resistance is required. LEYCO-POX 142 S is also widely used for repairs and patching old floors, stalled columns, soffits, gutters etc. on vertical and horizontal areas.

Advantages

- Simple application, good covering properties
- Solvent-free, no fire risk
- Excellent adhesion to substrate
- Anti-slip, anti-skid finish
- High mechanical strength
- Permeable to water vapour
- Excellent abrasion resistance

Technical Data

normal

Mixing ratio	by wt.	A:B = 1:0,3:12
Density at 23 °C	g/cm ³	2,1
Pot life at 23 °C	hours	1
Final curing 23°C	days	7
Comp. strength	N/mm ²	110
Tensile bond strength	N/mm ²	20
E-modulus		15000

Thixotropic

Mixing ratio	by wt.	1:0,3:12
Density at 23 °C	g/cm ³	1.7
Pot life at 23 °C	hours	1
Final curing 23°C	days	7
Comp. strength	N/mm ²	60
Tensile bond strength	N/mm ²	20
E-modulus		15000

Storage/Shelf life

The ideal condition is a cool and dry store.

Product Data Sheet

Product No: 30.142S

Application

Surface preparation

The substrate must be firm, clean, dry and free from oil, grease and 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. The resin mixture should then be placed in separate container, preferably in plastic bucket and all the filler gradually blended in until it has all thoroughly wetted out and a uniform consistency obtained.

Method of application

By spatula or smoothing trowel. Prior to application of the screed, the area has to be primed with LEYCO-POX 101.

Cleaning

Tools/equipment should be cleaned with LEYCO-CLEANER + THINNER 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

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.

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