

# LEYCO<sup>®</sup>-POX 601W

## WATER BASED EPOXY PRIMER AND SURFACE HARDENER

### Product Description

LEYCO<sup>®</sup>-POX 601W is a vapour permeable, Water born two-component epoxy resin emulsion with extensive applicability's. LEYCO-POX 601 W emulsion has outstanding adhesive properties on all substrates and is in addition used by an excellent intermediate adhesion coat and thus no intermediate scattering of sand is required to achieve a mechanical key for better bond to sub-strata.

### Uses

- As curing agent and primer for subsequent coating to protect concrete from evaporation of water resulting in increased of tensile and shear strength.
- As primer which not acts as vapour barrier for coats on concrete and cement floor screed in humid environment and underground structures which normally cause spalling of coats, resulting from damp pressure.
- As curing compound to prevent evaporation of water and impregnation for dust proofing of concrete at the time of hardening of concrete at the same time.
- Primer for different application, such as ceramic tiles, flow coatings, magnesia floor screeds, mastic asphalt etc.
- Excellent interlayer adhesion for epoxy resin and polyurethane flow coatings. Due to the emulsifying effect, very good adhesion is achieved on existing resinous coatings.
- Surface hardening and impregnation of porous undergrounds such as gypsum plaster boards, And anhydrite flooring.  
screeds with great penetrating depth at normally two applications.

### Advantages

- **Increase of adhesion, tensile and shear strength of treated sub-strata**
- **Excellent adhesion on even oil-contaminated undergrounds**
- **Excellent interlayer adhesion without scattering with quartz sand**
- **Very economic – can be diluted with up to 20% of water.**

### Technical Data

#### Consumption

2 x 0,1–0,2 kg/m<sup>2</sup>

#### Density

1,06 g/ml

#### Mixing ratio (by weight)

1:1

#### Packaging

Pre-packed and pre-weight in container consisting Component A, and component B,

#### Pot life (at 20 °C)

45 min

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## Product Data Sheet

Product No: 30.601W

### Storage/Shelf life

Store cool and dry, protect against frost and direct sun. 6 month in original sealed containers and sufficient storage.

### Application

- Dust-proofing
- Primer (e.g. for concrete, cement, magnesia and anhydrite floor screeds, oiled undergrounds)
- Applied on porous undergrounds of different material such as gypsum plaster boards
- As primer on existing resin coatings
- AS concrete curing agent applied on "green" concrete
- Bonding agent for mineral coatings

### Surface Conditions

See special technical leaflet.

Application temperature: min. 8 °C, max. 50 °C

Max. permissible humidity: < 80%

### Safety Instructions

#### Safety precautions

Splashes in the eye, wash down with water and go for medical care. General precaution and protection to be used for application of reactive resins. For more information visit our web-site [www.leyde.com](http://www.leyde.com)

### 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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