



Sealex Industries

Waterproofing Systems, Sealers & Sealants

SE30 Hydro Epoxy

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Description

SEALEX SE30 is a two-part water-based Hydro epoxy sealer used for concrete, masonry, and other cementitious surfaces.

Advantages

- Can be used as a primer, moisture barrier and hydrostatic pressure waterproofing membrane
- Water based, non toxic
- Suitable for potable water-conforms to AS/NZ4020-1999
- Suitable over damp concrete
- Will resist hydrostatic pressure up to 30 metres of water (360 microns dry film)
- Very low VOC's
- Very high solids 66%
- Resistant to oil, petrol, common soils and detergents
- Tolerant to poorly prepared surfaces
- Suitable for indoor and outdoor applications

Uses

- Moisture Barrier to protect against seepage and dampness
- Primer for paints and membranes (must be over coated within 48 hours)
- Reverse tanking
- Chemical Spill areas
- Ponds
- Wear resistant matt floor coating
- A binder for dusty and eroded concrete surfaces.

Surface Preparation

SEALEX SE30 is reasonably tolerant with regard to surface preparation. To maximise adhesion it is important that application is to sound clean concrete. Laitance should be removed by acid etching or sweep blasting. Acid etched concrete should be neutralised with dilute ammonia and then thoroughly rinsed with water to remove all water soluble salts which impair adhesion of the coating. Old concrete should be thoroughly cleaned with detergent cleaners. Severe contamination with oil and grease should be removed by steam cleaning. If penetration of the pores has occurred, mechanical cutting back to clean concrete may be required.

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Application

Add Part A to Part B and thoroughly stir it in by hand or power mixer until all of the hardener is completely absorbed into the base.

It is recommended that the mixed product is left to mature 5-15 mins before application. SEALEX SE30 may be applied by brush, roller, air assisted or airless spray.

Application should be completed before expiry of working life which is indicated by a marked increase in viscosity

SEALEX SE30 may be applied as supplied to produce a wear resistant matt coating. However addition of 10% water will assist spraying and penetration. Apply one coat for dust sealing, two coats for waterproofing, two to three coats for wear and soil resistant industrial flooring. For cement modifications, further amounts of water may be needed until the required consistency is achieved. It may be further over coated when the touch-dry stage is reached.

Cured at room temperature SEALEX SE30 will be ready to accept foot traffic next day. For heavy traffic eg fork lifts trucks, it is advisable to wait up to 3 days.

SEALEX SE30 has been formulated to show optimum curing and application characteristics in the temperature range from 15-25°C. At lower temperature the rate of cure will slow down considerably and at higher temperatures the working life of the mixed composition may become too short for manual application. As with all water-based coatings it is not advisable to use SEALEX SE30 under conditions of low temperatures and high humidity.

General

Mixing Ratio:	Mix pack A and Pack B 1:1 by volume
Application temperature:	15-30 Degrees C
Cure Time:	Touch dry 6 hours, hard Cure 24 hours,
Pot Life:	1 Hour
Coverage:	3sqm /Litre/coat (see application for no. of coats)
Solids:	66%
Specific gravity:	1.5
Min Curing temp:	5 Degrees C

Packageing

20L kit (10L part A + 10L part B)

Hazard and First Aid

Refer to Material Safety Data Sheet.

Safety & Handling

Material Safety Data Sheet available upon request.

Disclaimer: information represented is the result of considerable experience with this product but must not be considered as a performance warranty.

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