



# Nitobond® EP(L)

## A general purpose bonding agent

### Uses

Bonding new cementitious materials to existing cementitious surfaces.

### Advantages

- Can be applied on concrete & mortars
- Facilitates improvement in mechanical strength
- Good positive adhesion

### Description

Nitobond EP (L) is a two component epoxy bonding agent supplied in pre-weighed quantities for ready on-site mixing and use.

### Technical Support

The company provides a technical advisory source supported by a team of specialists in the field.

### Properties

	at 35° C	at 20° C
<b>Pot life</b>	60 mts.	120 mts.
<b>Full hardness</b>	18 hrs.	24 hrs.
<b>Full Cure</b>	5 days	7 days
<b>Overlay time</b>	45 mts.	90 mts.

Below 20° C, above mentioned times will increase

### Application Instructions

#### Preparation

All surfaces to be treated must be sound, dust-free and clean. All laitence should be removed by wire-brushing or any other suitable means. Surfaces contaminated with oil or grease, shall be cleaned thoroughly to remove such contaminants.

#### Mixing

The entire contents of the hardener Can should be poured into the resin container and the two materials thoroughly mixed until a uniform colour is obtained. To facilitate application at temperatures below 10° C the separate components should be warmed in hot water to a maximum of 25° C before mixing.

### Coating

Mixed Nitobond EP(L) should be brush or spray applied to the prepared surface. The new concrete should be placed within 45 mts. at 35° C to the Nitobond EP (L) coated substrate, when it is still in a tacky state.

### Supply

Contact local Fosroc office.

### Estimating

### Packing

Available in 5 kg standard packs. Special 19 kg pack is available on request for bulk requirements.

### Coverage

Approximately 4m<sup>2</sup> / kg depending on the substrate. Actual coverage will depend upon the texture and porosity of the surface being covered.

### Storage

12 months shelf life when stored under normal warehouse conditions below 35° C.

### Precautions

### Health & Safety

Contact with skin and eyes should be avoided. Gloves should be used when handling these products. If contact with the resin occurs, skin should be washed immediately with strong detergent. A resin removing cream should be used. Eye contamination must be immediately washed with sufficient quantity of water and medical treatment sought.

### Fire

Nitobond EP (L) is inflammable. No naked flame should be allowed near the site. Do not smoke during use.

### Additional Information

Fosroc manufactures a wide range of products specifically designed for the repair and refurbishment of damaged reinforced concrete. This includes hand-placed and spray grade repair mortars and a comprehensive package of protective coatings. In addition, a wide range of complementary products are available. This includes joint sealants, waterproofing membranes, grouts & anchors and specialised flooring materials.

Separate data sheets are available on these products.

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## Important note :

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Fosroc endeavours to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it.



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