

## EmO Seal NF 10

High strength trowel grade, epoxy resin fairing coat, repair mortar, bedding and adhesive

### Uses

EmO Seal NF 10 is designed for application to minor imperfections in concrete surfaces. It is suitable for application from a feather-edge to 3 mm, and can be used in the following situations.

- General re-profiling over large areas in vertical, horizontal or overhead applications
- Bedding bridge beams
- Fixing slip bricks to concrete
- Bedding tiles
- Filling bolt pockets
- Dowel bars anchoring
- Sealing surface cracks for crack injection

### Advantages

- High Strength
- Water proof
- Chemical resistant
- Food grade
- Solvent free
- Easy to clean
- Good adhesion to steel and concrete

### Description

EmO Seal NF 10 is a two pack thixotropic, solvent free, compound based on epoxy resins, graded fillers and other additives. It is

applied directly to concrete substrates, without primer, and cures to a surface ready to over coating.

### Properties

Solids by weight	:	100%
Compressive strength	:	70 N/mm <sup>2</sup> (BS 1881, Pt 116)
Bond shear strength	:	7 N/mm <sup>2</sup> (ANSI A 118.3 E5.5)
Pot life	:	20 min @ 20 <sup>o</sup> c
Initial set	:	4 hours
Initial cure	:	24 hours

### Instructions for use

#### Surface preparation

All surfaces should be clean and free from dust, loose particles, Oil and grease.

#### Mixing

The base (Part A) and hardener (Part B) components should be individually stirred to re-disperse any settlement. The base and hardener should then be mixed together until a uniform color is obtained using a slow speed drill and paddle.

#### Application

The mixed material should be spread over the surface using a trowel, scraper, filling knife etc

### Cleaning

EmO Seal NF 10 can be removed from tiles, tools and mixing equipment before initial set using a damp rag. After initial set, mechanical removal will be necessary.

### Limitations

EmO Seal NF 10 should not be applied to damp or wet surfaces. It should not be exposed to moving water during application.

Do not mix part packs under any circumstances.

### Estimating

#### Supply

EmO Seal NF 10 : 3 KG Packs (2 LTR)

Coverage: 1m<sup>2</sup>/ltr @ 1 mm thickness

### Storage

When stored at 30<sup>o</sup>c in dry conditions in the original, unopened packs, EmO Seal NF 10 will have a shelf life of 12 months.

### Precautions

#### Health and safety

Ensure adequate ventilation and avoid inhalation of vapors. Wear suitable protective clothing, gloves, eye wear and respirators.

Direct contact with eyes will cause irritation and may cause serious damages. Any eye contamination should be thoroughly with water and immediate medical attention sought.

Any skin contact should be cleaned with soap and water immediately. If swallowed, do not induce vomiting. Seek medical advice immediately.

### Fire

Non-Flammable

Ensure adequate ventilation

### Company information

ELMRR chemicals manufacture a broad range of construction chemicals which include:

- Industrial floorings
- Adhesives and bonding agents
- Water proofing products
- Joint sealants
- Cementitious and epoxy grouts
- Concrete repair systems
- Concrete admixtures
- Low alkali micro concrete

For further information, please contact the following address.

### Manufactured By:

#### Elmrr Construction Chemicals

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