

# Durafix 610

Optima Coatings Durafix 610 is a fast curing, non-slumping epoxy bedding compound and adhesive. Durafix 610 is a two component epoxy-based mortar pre-filled with selected fine aggregate, which can be used for a wide variety of bedding, gap filling and concrete repair applications.

Colours: Grey

### PRODUCT USES

- Repairs of cracks and spalls.
- Bedding bridge beams or steel bridge bearings.
- Repairing surface concrete in horizontal, vertical or overhead situations, face defects or to honeycombed concrete.
- Fixing slip bricks to concrete.
- Securing bolts into walls.
- Dowel bars anchoring.
- Gap filling adhesive.
- Filling bolt pockets.
- Bedding tiles.
- Repairing concrete posts in-situ.
- Fixing of surface ports for crack injection.
- Wherever a thixotropic epoxy mortar is required.

### ADVANTAGES

- High strength.
- Strong adhesion.
- Non-slump.
- Impact resistant.
- Excellent chemical resistance.
- Non-shrink.
- Epoxy based.
- Easy to use.
- Trowels to a smooth finish.
- Supplied in pre-weighted units.
- No bonding agent or primer required.

### COVERAGE

- 1m<sup>2</sup> per litre per application of Optima Coatings Durafix 610, applied in 1mm thickness.

### SURFACE PREPARATION

- Ensure all substrates are thoroughly clean, sound, dry and free from any contaminants such as dirt, rust, salt, algae and grease.

**APPLICATION**

- Mixing: Optima Coatings Durafix 610 has been designed to be readily mixed by trowel. Mix until colour is uniform.
- Application: Knife or trowel Durafix 610 to the required level. The surface finish may be smoothed by the use of a paint brush dipped in soapy water. When filling a very deep recess, it may be necessary to build up Durafix 610 in layers. If required, repairs may be camouflaged by covering the surface with cement powder before Durafix 610 is fully cured.
- Working temperature: Durafix 610 will cure at temperatures as low as 10°C, although at low temperatures cure is severely retarded.

**CLEANING**

- Clean tools immediately using Optima Coatings Xylene.

**IMPORTANT**

- Store under cover out of direct sunlight and protect from extremes of temperature.
- In tropical climates the product must be stored in an air conditioned environment..

**SAFETY PRECAUTIONS**

- As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs.
- Treat splashes to eyes and skin immediately.
- If accidentally ingested, seek medical attention.
- Reseal containers after use.
- Use in well ventilated areas and avoid inhalation.

**TECHNICAL DATA**

Pack size	2 litres
Colour	Grey
Mix ratio	As supplied
Compressive Strength	55 MPa @ 7 days
Bond Strength	22 MPa @ 2 days
	25 MPa @ 14 days
Pot life	10 minutes @ 20°C
Work life	90 minutes @ 20°C

Technical details above are provided in good faith. We are an ISO 9001: 2008 registered company and our products are manufactured to the highest standards using raw materials of superior quality. Consequently we believe in the quality of our products and will willingly replace any product in the unlikely event of a quality related performance failure. Whilst we are confident in guaranteeing the quality of our products, we cannot however accept any liability for performance failure due to the incorrect application of our products. Correct application is critical to the successful performance of our products and as this process falls outside of our control we are unable to cover the application under our product performance warranty. Where there are doubts, it is recommended that the user conduct their own suitability tests before use. To retain sheen and colour consistency of your paint, always make sure that the batch numbers are the same on all paint containers that you purchase.

Updated: March 2013 (this supercedes all previous publications)