

RESOMAST Mortar Polyester Resin Compound

RESOMAST MORTAR provide the ideal solution in numerous applications involving concrete and masonry repairs, jointing, filling and grouting where rapidly developed high strengths are required. RESOMAST MORTAR consists of two components, a liquid Resin and Hardener which is activated filler. It bonds tenaciously to all structural surfaces. In Resomast Mortar the material can be mixed with a reduced amount activated filler so as to wet-out the surfaces to be bonded. Packaging includes proportioning cups and an outer plastic container which can be used as a mixing vessel.

Advantages

- Set in 20-40 minutes and are stronger than concrete in one hour.
- Develop bond strengths in excess of the surface tensile strength of concrete
- Waterproof and resistant to a wide range of chemicals
- Can be used in temperatures below freezing
- Easy to use and save time and labour

Application

A general purpose variable consistency mortar for repairs to damaged concrete and masonry faces, pipe arises and stair nosing, forming thick horizontal joints, setting in bridge bearing pads, grouting in machine and stanchion base plates, bolts, dowels and starter bars, bedding concrete kerbs and coping stones.

Typical Tensile Strength - Typical Flexural Strength -

15 N/mm² minimum - 27 N/mm² minimum

Direct Tensile Bond -

Concrete: 2.6 N/mm² (Concrete failure)

Grit Blasted Steel: 4.8 N/mm²

Shear Bond -

Concrete: 10 N/mm² (Concrete failure)

Grit Blasted Steel: 7 N/mm² minimum

Technical data

Typical Compressive Strengths - 38 mm cubes @ 15°C

2 hours- 65

24 hours- 85

Ultimate - 91

Storage

Keep containers sealed. Store in dry conditions at room temperature and away from direct heat.

When stored correctly in unopened container storage stability is 1 year.

Health and safety

Reference should be made to the separate Health and Safety sheet