

VERSION: 01

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**LARSEN**

**BUILDERS MERCHANTS**

**QUICKMIX**

**TECHNICAL DATA SHEET**

# Rapid Repair Mortar

**PROTEIN FREE**

**FEATHER EDGE**

**DARK GREY**

**QUICKMIX Rapid Repair Mortar** is a very fast setting and drying cementitious patching mortar. It is ideal for internal and external repairs to floors, stairs, and steps and for reconstruction of edges/corners on precast units. Rapid Repair Mortar is chloride-free, non-corrosive to reinforcing steel and generally does not require a bonding agent.



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For further information, consult our Technical Department.

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## TECHNICAL DATA SHEET

### PRODUCT INFORMATION

FORM	Free-flowing powder
COLOUR	Dark grey
MAX AGGREGATE	3.0mm
HAZARD INFORMATION	IRRITANT - Contains cement. Consult Safety Datasheet before use
CLEANING	Clean tools, equipment, etc. using warm water. Mechanical means are necessary when the product has set
PACKAGING	5 kg Bucket
STORAGE INSTRUCTIONS	Store in sealed containers in dry conditions, protected from extremes of temperature
SHELF LIFE	9 months in unopened manufacturer's packaging

### TECHNICAL INFORMATION

BED THICKNESS	Up to 25mm
WORKING TIME	5 - 10 min @ 20°C
MIX PROPORTIONS	4.5 Parts powder to 1 part clean water
TIME TO TRAFFIC (depending on site conditions)	Light Foot Traffic - after 2 - 4 hours Full Traffic - after 1 - 2 days
COMPRESSIVE STRENGTH	Air Cured @ 20°C (N / mm <sup>2</sup> ) 3hr 5 units 24hr 10 units
COVERAGE	Dependent on the nature of the surface and usage. Approx. 0.5 m <sup>2</sup> / 5 kg @ 6 mm bed

## DIRECTIONS FOR USE

### PREPARATION

The surface should be sound, clean, and free from all dust and contamination. It is important to pre-dampen the substrate and then remove any standing water prior to laying Rapid Repair Mortar. Very absorbent surfaces should be primed with Larsen Acrylic Primer.

### MIXING

Mix only a quantity that can be used within the open time (approx. 10 min). Add 4.5 parts of powder to 1 part of clean water. Pour the water into a clean bucket and add the powder while stirring until a lump-free, slump resistant mortar is produced. Small quantities can be mixed by hand, for larger quantities use a slow speed drill and paddle.

### APPLICATION

**Smoothing** Ensure the substrate is clean and has been dampened. Trowel onto the substrate and spread to the required depth, feather-edging if necessary. (Apply at a thickness of at least 3mm over large areas.) After 10 - 15 min, finish the surface with a wet trowel.

**Patch Repairs** Ensure the area to be repaired is free from dust and loose material and has been dampened. Trowel in firmly ensuring the mortar fully contacts the surface. Remove excess material and finish the repair with a wet trowel or stiff brush. For areas exceeding 25mm depth use QUICKMIX Rapid Repair Concrete.

### QUALITY

This product is manufactured in a plant controlled under an integrated management system third party certified to BS EN ISO 9001.

### RESTRICTIONS

Rapid Repair Mortar will take longer to harden and set at lower temperatures and should not be used below 5°C. Deviation from the recommended water/powder ratios will result in a loss of early and ultimate strength.

### HEALTH & SAFETY

IRRITANT - Contains cement. Consult Safety Datasheet before use.