

# QUATTRO

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## FLOOR REPAIR

### DESCRIPTION

Floor Repair compound is a new concept for the repair of concrete and other flooring. Floor Repair is modified low odour polyurethane concrete which has been specifically designed to provide an easy-to-use, primer free compound with exceptional physical properties suitable for use in food environments.

### TOUGH AND HARD WEARING

Floor Repair exhibits exceptional resistance to impact and abrasion.

### COLD CURE APPLICATION

Unlike epoxy repair compounds, Joint Repair will cure at low temperatures, down to 0°C. The cure time will be extended at reduced temperatures but not in the same manner as epoxies and it is therefore ideal for the average building site repair.

### SHOCK RESISTANT

Floor Repair, although exceptionally tough and hard wearing, has been designed to be slightly flexible to absorb shock. Floors repaired with Floor Repair withstand constant vibration from fork lift truck.

### EASY APPLICATION

Unlike epoxy repair compounds which are sticky and difficult to handle, Floor Repair has the same consistency as a cement based mortar and can be placed and trowelled to a closed finish. Sufficient resin is present in the compound to wet out the surrounding substrate and provide exceptional bonding to most surfaces. However, porous surfaces may require priming with Q/Prime T.C.

### CHEMICALLY RESISTANT

Floor Repair exhibits the highest order of resistance to a wide range of chemicals and may be used to effect repairs in chemical plants.

### BONDS TO DAMP SURFACES

Floor Repair may be applied to damp but not wet surfaces without adverse effect on the bond strength.

### RAPID SETTING

Floor Repair has been designed to set in 1 to 2 hour, minimising shut down times.

### VERSATILITY

Floor Repair is a three pack product, two liquid components and a specially graded filler. Using all the filler gives a compound which doesn't slump and can be trowelled to a resin rich closed finish at any thickness down to a feather-edge. Adding half of the filler gives a pourable compound which can be used to fill and grout small areas which may be difficult to trowel.

### SHELF LIFE

Up to 6 months dependant on storage conditions ie. Above 10°C + a continuously dry environment.

### MIXING

Floor Repair is a three part polyurethane compound and should be mixed as follows:

1. Add all the contents of the container marked Part B to the contents of the container marked Part A and stir thoroughly until even in consistency. Do not attempt to split units.
2. Pour the mixed liquid into large plastic bucket provided and slowly add the filler Part C whilst stirring. Continue mixing until an even consistency throughout is achieved. For simple mixing use a mortar attachment on a slow speed electric drill. Using all the filler Part C produces an easily trowellable mortar. Using half the filler Part C produces a thinner, grout-like mortar which can be poured into smaller repairs.

### SURFACE PREPARATION

Surfaces to be repaired with Floor Repair should be clean and free from any loosed materials, oils or contamination. Floor Repair has a small percentage of water in the formulation and will tolerate application onto damp, but not wet, surfaces.

### APPLICATION

Floor Repair compound can be applied using metal or plastic trowel and floats. Cleaning of tools can be carried out using a solution of hot soapy water.

### CURE SCHEDULE

Floor Repair cures to a hard surface in 1 to 2 hours, depending on the thickness and can support heavy traffic within 3 hours.

### WORKING LIFE

Floor repair is rapid setting and has a relatively short useable life of 10-15 mins. Please ensure that all areas to be repaired are ready to accept the mortar before mixing commences.

### TECHNICAL DATA

Compressive strength - 50 N/mm<sup>2</sup>  
Mixed Density - 1.94 g/cm<sup>3</sup>

### COVERAGE

10kg Floor Repair covers approximately 1m<sup>2</sup> at 5mm thickness. 5kg Floor Repair covers approximately 0.5m<sup>2</sup> at 5mm thickness.

### OTHER USES FOR FLOOR REPAIR

This unique and versatile compound can be used for endless applications

such as:-

- Grouting and bedding ceramic tiles;
- Bonding paving and edging;
- Levelling rough surfaces;
- Bolt grouting;
- As a waterproof mortar;
- And many, many more.