



## PSR MORTAR REPAIR TECHNICAL DATA SHEET

**DESCRIPTION** PSR Mortar Repair Joint Repair compound is a new concept for the repair of joints in concrete slabs. It is the only repair compound which has been specifically designed to repair those annoying joints in concrete which break away at the edges and cause a real safety problem in industrial locations. Joint Repair is a flexible yet extremely tough polyurethane which is modified with rubber. Joint Repair has a high resin content compared to most flooring repair compounds and will wet out surrounding surfaces without the need for a primer coat.

**DURABILITY** Joints repaired with PSR Mortar Repair Joint Repair will withstand continuous wear and tear from forklift trucks and wheeled traffic, exhibiting 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 is not affected by reduced temperatures in the same manner as epoxies and it is therefore ideal for the average building site repair.

**BONDS TO DAMP SURFACES** Joint Repair may be applied to damp but not wet surfaces without adverse effect on the bond strength.

**EASY APPLICATION** Joint Repair has a wet mortar consistency and may be placed easily into joints in concrete and trowelled to a smooth 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 Pumaprime T.C

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

**RAPID SETTING** Joint Repair has been designed to set in 1 to 2 hours minimising shut-down times.

**VERSATILITY** Joint Repair is a three pack product, two liquid components and a specially graded filler. Using all the filler gives a compound which 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.

**MIXING** Joint 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 Pumamix mixer head 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 Joint Repair should be clean and free from any loose materials, oils or contamination.

Joint Repair has a small percentage of water in the formulation and will tolerate application onto damp, but not wet, surfaces.

**APPLICATION** Joint Repair compound can be applied using metal or plastic trowels and floats.

Cleaning of tools can be carried out using a solution of hot soapy water.

**CURING TIMES** PSR Mortar Repair Joint 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

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

### COVERAGE

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

For further details, a free survey, specification or quotation please contact PSR INDUSTRIAL FLOORING LTD on 01226 382864.

