

M P & P Mortar

DESCRIPTION

M P&P Mortar is a fast setting, non-shrink mortar for concrete repairs where waterproofing is a requirement.

M P&P Mortar is used for sealing cracks to stop water flows, and other defects in concrete. It is also used to seal tie bolt holes.

RECOMMENDED FOR

- Use as a high build mortar to repair defects in concrete;
- Filling tie bolt holes in concrete pits and liquid containing structures;
- Fast setting repairs to pre-cast units.

ADVANTAGES

- Single component (simply add water);
- Fast setting, twelve to fifteen minutes at 21°C (water temperature will also affect set time);
- Excellent structural strength;
- Non-Toxic;
- Non-Metallic;
- High build, up to 50mm in single application.

PACKAGING

M P&P Mortar is available in 5 kg and 20 kg buckets.

STORAGE

M P&P Mortar must be stored dry at a minimum temperature of 7°C. Shelf life is twelve months when stored in proper conditions.

COVERAGE

One 20kg container of *M P&P Mortar* will produce 0.015 cu. meters of mortar.

TECHNICAL INFORMATION

Typical 24 hour Compressive Strength: 14 MPa

Typical 28 day Compressive Strength: 31 MPa

Setting Time

Initial Set	15 minutes
Final Set	46 minutes
Yield	750cc/kg

SURFACE PREPARATION

1. Ensure surface is clean, free from laitance, loose material, grease or oil. If necessary, cut out until a clean sound surface is obtained, preferably cutting the edges square rather than feather edged. For tie bolt holes, remove the PVC cone and scabble the inside surface of the concrete.
2. Thoroughly moisten surface but ensure no free water remains.

MIXING AND PLACEMENT

Add 1 part water to 4 parts *M P&P Mortar* by volume and mix to a consistency of a stiff putty. Do not mix more than can be used in 15 Minutes. For best results, water temperature should be approximately 15°C-20°C.

MIXING AND PLACEMENT

M P&P Mortar should be protected from rapid drying out by using normal methods of curing, for e.g. moist curing or use of a curing compound.

HEALTH AND SAFETY

M P&P Mortar does not present any undue hazard and is non-toxic, however as it is alkaline, and may cause irritation to the skin and eyes, gloves and goggles should be worn. Any material should be washed thoroughly from the skin and eyes with clean water.

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Waterproof Patching and Repair Mortar