



PACTORep PG

High performance pourable grade repair mortar

DESCRIPTION

PACTORep PG is a high performance pourable micro concrete which has excellent shrinkage compensation and is highly fluid which requires only the onsite addition of clean water to produce a free flowing micro concrete suitable for large volume concrete repairs at nominal thickness in excess of 50 mm.

TYPICAL USES

- Repair of Exterior and interior horizontal and vertical concrete structures
- Areas where excellent chloride and carbon dioxide resistance is required.
- Repair of honeycombing in new construction and old structures

ADVANTAGES

- Single component – low labor cost
- Excellent resistant to chloride ion and sulphate ion ingress.
- High strength and low permeability provide protection against carbon dioxide and chlorides.

PACKAGING

25 kg. bag

PROPERTIES

The physical properties shown below were obtained under laboratory conditions at water:powder ratio of 0.14, and may vary in practice.

Appearance	Grey Powder
Fresh wet density (BS 1881:Part 107)	Approx. 2300 kg/m ³
Compressive Strength (ASTM C 579)	28 days: > 60N/mm ²
Flexural Strength (ASTM C 580)	28 days: > 7.0 N/mm ²
Tensile Strength (ASTM C 307)	28days: > 2.5 N/mm ²

APPLICATION INSTRUCTION

Surface Preparation

The area to be repaired should be broken to expose reinforcing steel and to a depth of 25 mm. Steel should be exposed until it no longer shows any signs of corrosion and for a further 50mm. Feathered edges are not acceptable. Corroded reinforcement must be cleaned thoroughly including the back of steel rebars.

MIXING

PACTORep PG should be mixed using a suitable mechanically powered mixer. Each bag requires 3.0 – 4.0 liters of clean water. Addition of more water will improve flowability but the strength of the final material will be decreased.

PACTORep PG should be slowly added to the mixer while stirring continuously for at least three minutes to achieve uniform consistency.

APPLICATION

Apply the mixed **PACTORep PG** into the substrate formwork whilst maintaining sufficient hydrostatic head or pumping pressure to ensure that all voids are completely filled.

CURING

PACTORep PG demands good curing. Particular care is required in hot/windy conditions. Curing is to be commenced immediately either by applying a single coat PACTOCure GP 75, or by covering the work with plastic sheet fixed over wet hessian and taped at all edges.

COVERAGE

Approximately 12.5 liters per 25 kg.

STORAGE

Store out of direct sunlight, clear of the ground on pallets, protect from rainfall. Avoid excessive compaction. Shelf life is 12 months when stored as above



PRECAUTIONS

As with other products containing Portland cement, the cementitious material in **FACTORep PG** may cause irritation. In case of contact with eyes, immediately flush with plenty of water for at least 15 minutes. Call a physician. In case of contact with skin, wash skin thoroughly.



P.O. Box no 282 676 Dubai-UAE
Tel: +971 4 885 0 886
Fax: +971 4 885 0 887
Visit us: www.pactechnologies.ae

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