

HIGHSEAL PR Pot Hole Repair System

DESCRIPTION

HIGHSEAL PR – Pot hole repair Concentrate is a shrinkage compensated concrete repair material designed specifically for emergency pot hole repair, delivering a hard wearing load bearing solution. Requiring only the addition of suitable aggregate and a small amount of water for workability. Suitable aggregates are quartz or limestone. Minimum thickness of application (3 x the size of the aggregate size used).



ADVANTAGES

- Extremely Low Permeability.
- Very High Strength.
- Mortar.
- Durable.
- Shrinkage Compensated.
- Self Compacting at Flowing Consistency.
- Fast Curing

TECHNICAL INFORMATION

Compressive Strength BS1881 Pt 116 Actual Strength Dependant on Water Addition	Min >45 N/mm ² @ 7 days Flowable consistency Min >65 N/mm ² @ 28 days Flowable consistency
Water Penetration	>30% better than low permeability concrete
Resistivity	1000 Ω
Yield	Approx. 75 kg per 25kg bag dependant on water addition including aggregate
Water Addition	Minimal to workable level
VOC Content	Nil

TYPICAL APPLICATIONS

Pot Hole Repairs

DIRECTIONS FOR USE

Preparation

Concrete surfaces to which the material is to be applied should be free of dust, oil, curing compounds or other material which could affect adhesion. All defective concrete must be cut back and a 20mm deep saw cut should be made around repairs, feather edging must be avoided.

Saw cut around pothole to give straight sides and level bottom, remove all debris. Wet concrete to SSD condition.



If primers are not to be used the area should be SSD (Saturated Surface Dry) prior to application to prevent suction of water from the HIGHSEAL PR. Ensure not surface water.

MIXING

It is essential that a mechanical mixer is used to maximise the free flowing and shrinkage compensation properties of the product. Product should be placed within 10 minutes of mixing to ensure maximum flow. Mix Highseal PR WITH 5-20mm aggregate in the ratio by volume approx. 1 part Highseal PR to 2 parts aggregate, add just enough water to give a workable mix, place immediately into Pre-cut Pot Hole and cover with polythene, ensure it remains covered for 2 hours.

CURING

Once polythene has been removed saturate the repair with water to prevent drying out too quickly



Traffic

Normal vehicle traffic - typically suitable after 2 hours
Crane traffic – Over night cure is recommended

Please note: Cure times may vary due to environmental conditions

CLEANING

Treat as per concrete.

STORAGE

Store out of sunlight, clear of the ground on pallets, dry conditions for maximum 12 months.

HEALTH AND SAFETY

This product contains cement, and contact with skin may cause irritation. It should not be inhaled, and a properly designed and maintained face mask should be used whilst handling, pouring and mixing the powder. Avoid contact with the product by working carefully, using a barrier cream and wearing protective gloves. If any contact does occur, wash thoroughly with soap and water. Use eye protection. Avoid contact with eyes, if such contact occurs irrigate with water for 20 minutes and seek medical advice. If mistakenly ingested, drink plenty of clean water and seek medical advice.

TECHNICAL SERVICE

The Technical Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

DISCLAIMER

To the best of our knowledge and belief, this information is true and accurate, but as conditions of use and any labour involved are beyond our control, the end user must satisfy himself by prior testing that the product is suitable for his specific application, and no responsibility can be accepted, or any warranty given by our Representatives, Agents or Distributors. Products are sold subject to our Standard Conditions of Sale and the end user should ensure that he has consulted our latest literature.