

Evergreen CONCRETE REPAIR

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

Evergreen Concrete Repair is a high strength multi-purpose patching and repair mortar. Once applied the product is grey in colour

PRINCIPAL USES

- Structural repairs to concrete
- Restoration of spalled and damaged concrete
- Repairs to honeycomb

ADVANTAGES

- Easy to mix, apply and finish
- Excellent Adhesion
- Shrinkage compensated

PERFORMANCE DATA

Concrete Repair has been developed to meet the requirements of SABS test method 862-2:1994 and ASTM C1437-01

COMPRESSIVE STRENGTH ASTM			
	24Hours	14Days	28Days
Additional of 3.5L	18Mpa	38Mpa	52Mpa
Flexural Strength	28 Days		8

- Early Height Change Positive
- Hardened Height Change Positive
- Bond Strength ASTM C-882 >12
- Average Cube Mass 2295g

WORKABILITY

Once mixed the product is smooth to allow for easy application. Once applied the product is grey in colour.

SURFACE PREPARATION

Concrete substrate must be structurally sound. Remove all oil, grease, paint, corrosion, dust, and surface deposits. This can be done by wire brush or sand blasting. Ensure surface is wet or prime with specialised primer to improve bond. For a structural bond use Epoxy Adhesive

LIMITATIONS

Do not use if temperatures are below 9°C. Avoid excessive heat 35°C and higher, wet hessian may be used to reduce the heat or use curing compounds to improve performance.

MIXING INSTRUCTIONS

Pre wet concrete mixer, add between 3L and 4.5L of water into the mixer, depending on the consistency required. Add the contents of the bag and mix until desired slump is achieved.

YIELD

Mixed with 4L of water will yield approximately 12L.

SET TIME

WATER CONTENT	INITIAL SET	FINAL SET
4L per 25Kg	2 Hours	3 Hours

PACKAGING

Evergreen Concrete Repair is available in 25Kg bags

SAFETY & HANDLING

Wear dust masks when mixing. Use gloves, eye protection at all times. Should the product come into contact with eyes, wash immediately and seek medical advice.

SHELF LIFE & STORAGE

2 Months when stored in a cool dry place, failure to comply with these recommendations will result in a reduction in shelf life.

NOTE

For increased adhesion capabilities prime the surface with a mixture of cement, river sand and plaster primer. Please consult your representative for a MSDS.

Note: November 2022: The information and specifications provided is to the best of our knowledge. The technical data contained herein are true and accurate at the date of issue and are subject to change without prior notice. No guarantee of accuracy is given or implied. We guarantee our products to conform to Evergreen Coating products quality control. We cannot be held responsible or liable, directly or in directly for the use of our products, coverage, performance or injury resulting from use, as we have no control over the method of application used or site conditions. For further technical and method statements, contact your technical representatives