

PRODUCT DATA SHEET

GripRepair 1011 FC

Polymer modified concrete fairing coat and repair mortar

Product Description:

GripRepair 1011FC is a polymer modified single component concrete repair mortar and fairing coat. Ideal for creating smooth even crack free concrete-coloured surfaces.

Typical Uses:

- As a concrete pore sealer and smoothing coat
- Repairing concrete from featheredge – 3mm

Chemical Base:

- Special blend of high-performance cements for high early strengths, and adhesion properties
- Non-shrink additives
- Water reducing additives
- Fine aggregates

Characteristics/Advantages:

- Easy to use (just add clean water)
- Non-corrosive (will not attack reinforcement)
- Excellent adhesion
- Low shrinkage
- Durable

Surface Preparation:

Concrete surface must be structurally sound and all loose concrete must be removed. Surfaces must be free of oil, greases, dust, rust, paint laitance or any other contaminants.

Priming:

Saturate the concrete surface with water before priming with **GK45 GripKey for Plaster** or **GB15 GripBond** for permanently wet areas. For concrete surface dressing application, no primer is generally required.

Mixing:

Mix with clean water to the desired consistency, add **GK45 GripKey for Plaster** for additional adhesion and water resistance if needed.

Placing/Application:

- Apply **GripRepair 1011 FC** with a suitable trowel. **GripRepair 1011 FC** can also be applied by brush, roller or sponge depending on the desired product mix consistency.
- Never add more water to soften the mixed product if it has hardened as this will weaken the product. Only mix up as much product as you can apply in about 30 minutes. High temperatures may cause faster setting.
- This product will increase in strength over time and it is best to spray the surface with a fine mist of water after it has first visibly set to help it achieve this strength as early as possible.
- When the product is used as a final finish in contact areas, it is advised to use **SCC Water-based Concrete Sealer** as a finishing coat so as to protect the **GripRepair 1011 FC** from wear as a result of abrasion.

Application Properties:

Minimum repair depth = featheredge

Maximum repair depth = 3mm

Mechanical / Physical Properties:

Mix Ratio	4.5 – 5.5lt
Ambient temperature at mixing	25°C
Yield	9 – 10lt
Compressive Strength 28 days ASTM C-109	≥20Mpa
Tensile Strength 28 days	≥2Mpa
Flexural Strength 28 days	≥5Mpa

Product Data:

Colour	Grey
Appearance	Powder
Packaging	20 kg plastic lined polypropylene bags
Storage Conditions	Store in a dry, cool area, temperature between 5 -25°C
Shelf Life	12 months in original unopened bags, when stored in the correct storage conditions.

Health and Safety Information:



Keep out of reach of children. Do not breathe dust. In case of inadequate ventilation wear respiratory protection. Wear protective gloves/ protective clothing/ eye protection. Wash face, hands and any exposed skin thoroughly after handling. For further health and safety information refer to the product SDS.



Stanton Construction Chemicals Pty (Ltd).

Unit 2A Veni View Park 547 Heritage View Drive
Muldersdrift, South Africa, 1735

Tel: +27 (0) 10 593-4454

Email: www.office.co.za

Website: www.sccsa.co.za



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