



2 Pack Mineral Based

F.R.C.

FIBRE REINFORCED CEMENT

DESCRIPTION

QUICKWALL F.R.C. is totally inert, non-toxic and is classified as non-dangerous.

The polymer modified, fibre enhanced mineral composite is designed to increase mechanical, impact and abrasive strengths when plastered as a base coat to both external and internal surfaces of the patented dry stacked mortarless masonry block building system - Quick Block.

Millions of alkali resistant fibres throughout the entire matrix of this special plaster composite impart amazing bond and high tensile strengths resulting in a dense sandwich facing to the QuickBlock wall construction system.

F.R.C. can be hand or machine applied and is enhanced with a special monomer forming throughout the entire matrix of the plaster composite.

Additional continuous monolithic mesh is used in conjunction with F.R.C. base coat over QuickBlock.

OTHER USES

- Re-surfacing fretting brickwork.
- Surfacing polystyrene foam buoys.
- Excellent plaster for explosive storage bunker walls.
- High impact areas such as safety barriers, ocean pylons, mining applications to seal against gases and loose rock formations in shafts or open faced quarries.

SPECIAL FEATURES

- High compressive, tensile and MOR (modulus of rupture).
- Early high strengths.
- Is non-combustible.
- Excellent water permeability.
- Excellent permanent adhesion.
- Withstands freeze thaw conditions.

HOW IT WORKS

The spheres of polymer coalesce (merge together) to form a continuous polymer matrix, which coats and encapsulate the cement particles, selected fillers, additives and aggregate grains. The polymer matrix acts as a barrier to maintain high levels of moisture for improving hydration of the cement and also provides a polymeric network, which enhances toughness and durability of the finished product. Because the polymer is incorporated as an emulsion in a surfactant or "soap solution" a high density is achieved.

SPECIFICATION

1st Coat: Apply Quickwall **F.R.C.** in accordance to the manufacturer's specification.

2nd Coat: Apply Quickwall selected Finish.

3rd Coat: Apply recommended sealer or topcoat in accordance to the selected Finish.

Website

www.quickwall.com
www.quickwall.com.au