

F.R.C.

FIBRE REINFORCED CEMENT

2 Pack Mineral Based



<p>DESCRIPTION</p>	<p>QUICKWALL F.R.C. is totally inert, non-toxic and is classified as non-dangerous.</p> <p>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 dry stacked mortarless masonry block.</p> <p>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 block wall.</p> <p>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.</p> <p>Additional continuous monolithic mesh is used in conjunction with F.R.C. base coat over mortarless block construction and Zero Lot Line construction.</p>
<p>Other Uses</p>	<ul style="list-style-type: none"> • 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.
<p>SPECIAL FEATURES</p>	<ul style="list-style-type: none"> • High compressive, tensile and MOR (modulus of rupture). • Early high strengths. • Is non-combustible. • Excellent water permeability. • Excellent permanent adhesion. • Withstands freeze thaw conditions.
<p>HOW IT WORKS</p>	<p>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.</p>
<p>SPECIFICATION</p>	<p>1st Coat: Apply Quickwall F.R.C. in accordance to the manufacturer's specification.</p> <p>2nd Coat: Apply Quickwall selected Finish.</p> <p>3rd Coat: Apply recommended sealer or topcoat in accordance to the selected Finish.</p>