

## OVERLAYS FOR CONCRETE FLOORS

### Polymer Concrete Overlay

#### TECROCK PM

TECROCK PM is supplied as a ready to use blend of dry powders which requires only the site addition of clean water to produce a free-flowing, shrinkage compensated micro-concrete suitable for large volume concrete repairs at nominal thicknesses in excess of 50 mm.

#### Uses

For the reinstatement of reinforced concrete where low permeability characteristics are required and where high compressive strength is a consideration.

TECROCK PM has been specifically developed for the repair of large areas of concrete where access is restricted or where reinforcement is congested.

It is suitable for use where excellent chloride and carbon dioxide resistance is required or for repairs to concrete affected by alkali-silica reaction (ASR). TECROCK PM is alkaline in nature and will protect embedded steel reinforcement.

#### Advantages

- Maximum compatibility with concrete of compressive strength 30 - 60 N/mm<sup>2</sup>
- Dual expansion system compensates for shrinkage in the plastic and hardened states
- Low alkali content minimises risk of alkali-silica reaction
- Exceptional bond to concrete substrates without independent primer
- Suitable for placement by pumping or pouring techniques into restricted locations
- Self-compacting nature eliminates honeycombing and displaces air without vibration
- High strength and low permeability provide maximum protection against carbon dioxide and chlorides
- Pre-bagged to overcome site-batched variations – only the site addition of clean water is required
- Contains no chloride admixtures

