

## Structural Repair Material

### INCRETE 50M

INCRETE 50M 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.

#### Benefits

- 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

#### Applications

- For the reinstatement of reinforced concrete where low permeability characteristics are required and where high compressive strength is a consideration.
- INCRETE 50M 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). INCRETE 50M is alkaline in nature and will protect embedded steel reinforcement.



Bansiwala, Worli Naka, Mumbai



RCC jacketing stage 1



RCC jacketing stage 2