

## Bonding Agents

In summary, good adhesion between the top/repair concrete and the base/original concrete substrate is critical, especially where a monolithic character is required for the transfer of heavy loads. A strong bond can be achieved through a combination of good workmanship, surface preparation, consolidation and curing, and a good bond coat.

### EPIKOTE SF 200

EPIKOTE SF200 is based on solvent free epoxy resins optionally containing pigments and fine fillers. It is supplied as a two part material in pre weighed quantities for ready onsite mixing and use. EPIKOTE SF200 is used for bonding new cementitious materials to existing cementitious surfaces. It can be used on horizontal surfaces and on vertical surfaces where mortar or concrete can be supported by formwork. Ideal for extensions and repairs to structural concrete in buildings, loading bays, bridges, roads, bonded or granolithic floor toppings etc.

### Benefits

- EPIKOTE SF200 can be applied by brush, roller or spray apparatus.
- Water resistance - Excellent water resistance and sealing property prevents leakage.
- Toxicity - Non toxic.
- Moisture tolerant - It is moisture tolerant hence provides strong bond of new concrete to fresh concrete.
- Ease of application - Easily applicable by brush as a bonding agent for old to new concrete / mortar.
- More overlay time: Enables to place the concrete up to 6 hrs after applying EPIKOTE SF200, without risk of delamination
- High bond strength : Bond strength is more than the tensile strength of good quality concrete
- Barrier coat: Acts as a 'barrier coat' to the migration of chloride ions from host concrete.
- Adhesion - Excellent adhesion to almost all building materials.
- Open time - Comfortable open time to complete the work easily.
- Shrinkage - Very low shrinkage as compared to polymer modified cementitious bonding agents
- Durability - Very high durable bond.
- Chemical Resistance - Resistant to chemical attack

### Applications

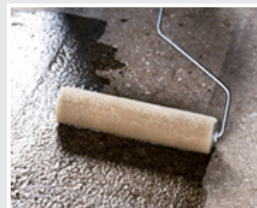
- Bonding agent for bonding of old to new concrete / mortar.
- To extend or repair structural concrete
- Bonding agent for self levelling concrete
- Ideal for extensions and repairs to structural concrete in buildings, loading bays, bridges, roads, bonded or granolithic floor toppings etc.



EPIKOTE SF200 primer



EPIKOTE SF200 for repair mortar



EPIKOTE SF200 for overlay