

- B. The epoxy resin mortar shall be applied after 24 hours has elapsed after the application of the primer.
- C. The mixed epoxy resin mortar material shall be applied to the primed surface in layers not exceeding the manufacturer's recommended maximum thickness per layer.
- D. Subsequent layers shall be applied within the open time of the mortar or if the previous layer has stage cured before the next layer is applied, the surface shall be roughened by abrading to provide a key.
- E. Intermediate stages and the completed repair shall be protected from rain until at least 24 hours after the application. The repair shall be shaded from direct sunlight for at least 24 hours after application.

9.3.8 Repair Using Cementitious Mortars

- A. The repair mortar shall be non-shrink and shall be applied in layers not exceeding the thickness specified by the manufacturer of the mortar.
- B. Each layer shall be thoroughly worked and compacted into the repair zone and around or between reinforcement ensuring that the substrate and reinforcement are thoroughly wetted. The technique employed shall ensure that air is not entrapped within and in the boundary of the reinforcement/mortar or mortar/substrate.
- C. Successive layers shall be applied as soon as the preceding layer has become sufficiently stiff but still open to ensure bonding to the subsequent layer. The time between layers shall be in accordance with the manufacturer's recommendations. If sagging occurs the material shall be completely removed and reapplied at a reduced thickness.
- D. If the previous layer has dried out and loses its open time before the next layer is applied the surface shall be prepared according to the manufacturer's recommendations before the subsequent layer is applied.
- E. The final layer within a repair shall be leveled off or profiled using trowelling techniques to produce an acceptable and matching finish.
- F. Curing to retain moisture shall be implemented immediately on completion of each layer of application. The surface of the mortar shall be protected from sunlight and drying winds.
- G. The repair shall be cured by the method and for the period recommended by the manufacturer of the repair system. During this period the repair shall be shaded from direct sunlight. Curing membranes shall not be permitted unless otherwise