

13.1.4 Definitions

- A. The following definitions shall pertain to words or phrases as utilized in this section.
1. "Micro-Concrete" is a mixture of Portland cement, water and suitably graded aggregates proportioned to produce free flowing concrete without segregation of the constituents.
 2. "Mortars" are cementitious or chemical materials proportioned to produce trowel consistency for vertical and overhead repairs.
 3. "Fillers" are cementitious or chemical materials utilized for repair of small air holes or cavities.
 4. "Injection Resins" are extremely fluid chemical materials utilized for crack injection.

13.1.5 Preliminary, Temporary Works and General Requirements

- A. Product manufacture, testing and installation shall comply with the following requirements, unless otherwise approved by the engineer:
1. Only specialist Sub-contractor thoroughly familiar with repair techniques shall carry out the repair works. During tender stage, the bidder shall specify his sub-contractor for this work under the related Bid Documents.
 - a. The General Contractors staff shall not carry out concrete repair works.
 2. Repair materials shall comply with the specified requirements.
- B. Products and materials shall be from a manufacturer / supplier who operate a quality system that is registered to ISO 9000 series.
- C. The Contractor shall carry out all the works deemed necessary by him to the satisfaction of the Engineer, with the aim of ensuring the stability, safety and solidity of the structures, the safety of his personnel, as well as ensuring the water tightness of the concerned structures at all times necessary for the good achievement of the rehabilitation works. The Contractor shall also provide temporary access wherever the existing ones have been removed by him on temporary basis.
- D. The Contractor shall erect a safe scaffolding and access to the concerned elements to the satisfaction of the Engineer.
- E. The Contractor shall arrange for maintaining existing drainage flow in coordination with ADM DMAT. These temporary arrangements shall remain in operation until