



## 1. Spalling of Concrete

Description:

Spalling is a process in which concrete delaminates from the host due to several reasons such as, Reinforcement corrosion, carbonation, chlorination in which, steel expands in volume due to rust and puts pressure on concrete leading cracks and finally delamination of concrete.

### Fosroc's Constructive Solution :

**Renderoc S2** - Structural grade polymer modified two component high strength ready to use repair mortar

Uses & Advantages:

- High strength
- Can be applied by hand, like conventional mortars
- Extremely low permeability provides maximum protection against carbon dioxide and chlorides
- Excellent bond to the concrete substrate
- Shrinkage compensated
- No site batching required, supplied in pre-weighed prepacked condition
- Only addition of water at site to be made while mixing the powder and liquid parts
- Contains no chlorides.

Yield: 3.5L of water + 0.25 kg polymer + 25kg powder = 13.5 Liters

Packaging: 25 kg powder & 0.25kg polymer