Nitomortar® 908

**High strength epoxy patch repair mortar**

**1.00 Epoxy Concrete Repairs**

Where so designated on the drawings, patch repairs of concrete floors shall be carried out using a two- part epoxy mortar after preparation including priming of the concrete and any steel reinforcement.

**1.10 Surface Preparation**

 All surfaces to which the repair material is to be applied shall be, clean, dry, sound and free from loose material and contamination such as oil and grease.

 Correct priming of the prepared concrete is necessary using a suitable low viscosity epoxy resin material.

 Priming of any exposed steel reinforcement should be done using a zinc-rich primer.

**1.20 Epoxy repair mortar**

 The epoxy repair mortar is to be a two component epoxy system that cures to form high strength, chemical resistant repair to concrete surfaces.

 The material is to be applied in thickness 5mm to 50mm.

 The topping shall exhibit the following characteristics @20OC:

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| --- | --- |
| **Compressive strength:** | >50 MPa @ 7 days |
| **Colour (mixed):**  | Concrete Grey |
| **Mix ratio:** | 1:1 by weight or volume |
| **Initial hardness (foot traffic):** | 24 hours |
| **Full cure (chemical):** | 7 days |

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1.21 The repair mortar shall be applied in accordance with the manufacturer’s product data sheet.

**1.30** **Fosroc Nitomortar 908** with **Nitoprime Zincrich (reinforcement primer)** and **Nitomortar 903 (concrete primer)** meets the performance criteria and is approved.

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