Nitoflor® FC130

**Chemical resistant, water dispersed epoxy wall coating / floor sealer**

**1.00 Wall coating / Floor sealer**

Where so designated on the drawings, internal concrete floor surfaces / wall surfaces shall be coated with a chemical resistant water dispersed epoxy coating providing a dust-proof, easily cleaned surface with resistance to penetration to oils and other liquids.

**1.10 Surface Preparation**

 All surfaces to which the new coating material is to be applied shall be fine textured, clean, dry, sound, and free from loose material and contamination such as plaster, oil, paint and grease.

 Excess laitance should be removed by light grinding followed by vacuuming to remove all dust debris.

 All large substrate cracks, holes, surface imperfections which may cause excessive wearing on high spots and change the perceived colour of the coating are to be removed, filled, and allowed to dry, prior to coating application.

**1.20 Wall coating / Floor sealer**

 The coating is to be a two component water dispersed epoxy system that cures to form a semi-matt, film seal to concrete surfaces.

 The material is to be applied in two to three coats to achieve an approximate total dry film thickness of 100 microns.

 The coating shall exhibit the following characteristics @20OC:

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| --- | --- |
| **Pot life:**  | 2 hours |
| **VOC content (clear):** | <65g / litre |
| **VOC content (colours):** | <55g / litre |
| **Time between coats:** | 6 to 24 hours |
| **Initial hardness:** | 24 hours  |
| **Full cure:** | 7 days |

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1.21 The floor / wall sealer shall be applied in accordance with the manufacturer’s product data sheet.

**1.30** **Fosroc Nitoflor FC130** meets the performance criteria and is approved.

Mar-07

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