Nitoflor® Sicaltop

**Dry shake-on floor hardener**

**1.00 Floor hardener treatment**

Where so designated on the drawings, internal concrete floor surfaces shall be treated with a non- metallic, hard wearing, abrasion and slip resistant dry shake on additive, to be applied on newly placed wet concrete.

**1.10 General**

 All newly placed concrete surfaces shall have the additive shake applied and cast strictly in accordance with the guidelines issued by the manufacturer.

 All work shall be carried out by an experienced contractor, who is well trained in the application of the specific, documented, concrete floor treatment system.

**1.20 Floor hardener**

 The concrete surface shake applied material is to consist of selected and graded silicon carbide and alumina based aggregates, Portland cement and special additives to improve workability. The additive is to be applied evenly at (*nominate the application rate and the areas*) and trowel worked into the wet concrete to provide a hard wearing, abrasion resistant, slip resistant surface.

 The treated concrete shall exhibit the following characteristics:

|  |  |
| --- | --- |
| **Compressive strength (BS1881):** | >90 MPa |
| **Abrasion resistance improvement:** | >200% |

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

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