

# 'FASTFLOOR-IT'

## CEMENTITIOUS SELF-SMOOTHING PUMP-APPLIED FLOOR SCREED

### SPECIFICATION CLAUSES (NBS Format)

#### REQUIREMENT

The prepared concrete floor surface shall, after priming, be topped by the application of **Concrete Grinding (Asia Pacific) Pte Ltd FASTFLOOR-IT** cementitious self-smoothing, pumpable, floor screed, applied at a minimum thickness of 5mm, with a maximum thickness of 25mm, and after curing the screed shall be sealed. All products shall be supplied and applied by **CONCRETE GRINDING (ASIA PACIFIC) PTE LTD**, 1 Fifth Avenue, #04-04/05 Guthrie House, Singapore 268802. Tel: +65 6259-0065, Fax: +65 6259 7105.

#### MATERIAL

The **FASTFLOOR-IT** self-smoothing cementitious pumpable floor screed shall be highly fluid, fast setting and shall have a compressive strength of  $>35 \text{ N/mm}^2$  at 28 days (BS1881:1983), a flexural strength of  $\geq 7.33 \text{ N/mm}^2$  at 28 days (BS6319:1985) and a Tensile strength of  $\geq 3.13 \text{ N/mm}^2$  at 28 days (BS6319:1985).

The fluid screed shall have a wet density of  $2100 \text{ kg/m}^3$ .

The hardened screed shall have been tested in an approved accelerated wear machine and conform to 'AR 1' Class of Abrasion Resistance (BS8204-2:1999).

The colour of the screed shall be selected by the Supervising Officer from the manufacturer's stock colours. The manufacturer of the screed shall be a Registered Firm to ISO 9001.

#### PREPARATION

The whole substrate surface shall be mechanically textured using Captive Shot Blasting, Scabbling or Grinding. The method chosen shall produce a substrate surface which is sound, clean, dry and free from dust, laitance residues or other contaminants (BS8204-3:1993).

Areas found to be of depth greater than 10mm shall be made good up to the general substrate level using **CONCRETE GRINDING (ASIA PACIFIC) PTE LTD FASTFLOOR-IT** cementitious floor screed material or **CONCRETE GRINDING (ASIA PACIFIC) PTE LTD Rapid Repair Mortar**.

#### APPLICATION

The prepared floor surface shall be primed with two coats of **CONCRETE GRINDING (ASIA PACIFIC) PTE LTD Screed Primer** acrylic copolymer latex emulsion primer and applied with **CONCRETE GRINDING (ASIA PACIFIC) PTE LTD FASTFLOOR-IT** cementitious self-smoothing screed when the second coat of primer is at least touch dry.

The manufacturer of the primer shall be a Registered Firm to ISO9001.

The **CONCRETE GRINDING (ASIA PACIFIC) PTE LTD FASTFLOOR-IT** shall be laid by Concrete Grinding (Asia Pacific) Pte Ltd, strictly in accordance with their current Technical Data Sheet, Specification and Instructions For Use.

#### SEALING

The hardened floor screed shall be sealed with **CONCRETE GRINDING (ASIA PACIFIC) PTE LTD Colour Enhancing Water Dispersed Epoxy Sealer**, within 12 and 48 hours after application is completed. The manufacturer of the sealer shall be a Registered Firm to ISO9001.