

## SPECIFICATIONS

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### FLATEX S03

Is a grey powder composed of special cements, selectively graded silica sands, synthetic resins and blended admixtures. Flatex S 03 mixed with water forms a thixotropic paste that is easy to spread on floors or walls. It can be applied in thicknesses up to 5 mm per coat. When hardened it has good resistance to compression, flexion, and abrasion. For greater thicknesses, add 30% clean, suitably graded sand. To improve the mechanical characteristics of Flatex S 03 for more critical applications we recommend partially replacing the mixing water by adding 1.5-2 kg of Latex or Admix S2 for 25 kg bag of product.

#### TECHNICAL DATA

##### Product identity

**Consistency: fine powder**

Color: grey

Bulk density (kg/m<sup>3</sup>): 1,300

Dry solids content (%): 100

Standard: EN 13813

**Application data (at +23°C and 50% R.H.)**

Mixing ratio: approx. 26-28%

Thickness (mm): from 3 to 10

Self-leveling: yes

Density of mix (kg/m<sup>3</sup>): 2,100

pH of the mix: approx. 12

Application temperature: +5°C to +35°C

Pot life: 45 minutes

Setting time: 180 minutes

Set to light foot traffic: 12 hours

**Final performances**

Compressive strength according to EN 13892-2(N/mm<sup>2</sup>):

- 24 hours ≥ 10

- 72 hours ≥ 15

- 7 days ≥ 25

- 28 days ≥ 30

Flexural strength according to EN 13892-2 (N/mm<sup>2</sup>):

- 24 hours ≥ 2

- 72 hours ≥ 3

- 7 days ≥ 5

- 28 days ≥ 7

Adhesion to concrete according EN 13892-8 (N/mm<sup>2</sup>): > 2.0

Abrasion resistance Taber abrasion test: < 0.5 (H22 disk -500 g - 200 rpm)