



TECHNICAL DATA SHEET

FL-SELF

SELF-LEVELING FLOOR LEVELING SCREED

DESCRIPTION:

Grey cement-based, reinforced with chemical additives, non-shrinking and non-expanding, self levelling floor screed mortar with high adhesion strength

APPLICATION AREAS:

Applied by hand to create a high quality, smooth, non-shrinking and non-expanding surface on concrete floors before coating material applications (tile, ceramic, granite, marble, pvc, carpet, parquet, etc).

ADVANTAGES:

- * FL-SELF floor screed mortar provides labor and time advantage, by it's easy preparation and application features.
- * Provides high durability, adhesion and surface resistance.
- * Provides less consumption at unit area due to it's special formula.
- * Prevents shrinkage cracks and slumps by it's special formula.
- * Provides levelling of surfaces until 5 mm depth.
- * Provides a sound, smooth and ideal surface before coating material applications.

SURFACE PREPARATION:

Application surfaces should be clean, sound and free from dust. Adhesion barrier materials (oil, dirt, dust etc.) should be cleaned from the surface, cement-mortar residues should be scraped. Gaps and cracks on the surface should be repaired with RP-1200, RP-800 or RP-GROUT repair mortars at least 1 day before the application. If needed, surface should be cleaned with water, free water on the surface should be removed. PRIMER-ST primer should be used at least 1 hour before the the application to reduce water absorption of the surface in very hot and windy weather.

PRODUCT PREPARATION:

25 kg FL-SELF self leveling floor screed mortar is added on 5,5-6,0 liters of clean water by sprinkling. Blended by a low speed mixer to ensure that there are no lumps in it. Mortar is rested for 5 min. to mature and mixed again before the application.

APPLICATION METHODS:

- * FL-SELF mortar is poured on surface, it can be helped to spread the mortar by a trowel.
- * Since the mortar can spread very well in the first 20 minutes, it should be applied during this time.
- * Air bubbles on surface are removed by a spiked roller for 3 times.
- * Spiked shoes should be worn to avoid footprints on the mortar during the application.
- * After time required for opening to traffic is completed, the surface becomes ready to use.
- * Ambient and surface temperature should be between +5°C and +30°C during the application.
- * The heating system must be switched off at least 24 hours before the application on sub-heated floors.
- * Any additional material (such as lime, cement, gypsum etc.) should not be added in to prepared mortar.
- * Mortar should not be applied on unsound and loose surfaces.
- * Surface should be protected from airflows, sudden temperature changes and contact with water during and for 1 day after the application.
- * Mortar should not be applied on frozen, melting or within 24 hours danger of frost surfaces.
- * Mortar should not be exposed to direct sunlight.
- * Hardened mortar should not be used by mixing with water again.

SHELF LIFE:

Unopened original packages can be stored in dry (%60 R.H.) and cool (+5°C / +25°C) environments for up to 12 months.

APPLICATION LIMITS:

Maturation Time: 5 min.
Film Formation Time: 20 min.
Time Required For Opening To Traffic: minimum 1 days

UNIT CONSUMPTION:

4 m² / 25 kg package (Application thickness: 5 mm)



System 4

NUR KİREÇ SAN. TİC. VE PAZ. LTD. ŞTİ.

Güzel Cumhuriyet Mah. Çimento Bulv. No:23 PK: 01965

Yüreğir/Adana/Türkiye

"NUR YAPI KİMYASALLARI"

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TS EN 13813 / 01.2004

CT-C35-F5 Class Cement Based Floor Levelling Screed Mortar

Compressive Strength $\geq 35 \text{ N/mm}^2$

Bending Strength $\geq 5 \text{ N/mm}^2$

Grain Size (over 1mm sieve) % 0

Maturation Time 5 minutes

Film Layer Formation time 20 minutes

Time Required For Opening To Traffic 24 hours

PERFORMANCE DECLARATION NO

13813 / PB-06.001



GHS05



GHS07

H315: It causes skin irritation.

H318: It causes serious eye damage.

H335: It may cause respiratory irritation.

P280: Wear protective gloves/protective cloths/eye protection /face protection.

P305 In case of contact with eyes, rinse carefully with water

P351 a few minutes. If available and easy, remove contact

P338: lenses. Continue rinsing.

