



TECHNICAL DATA SHEET

FUGA-SIL / CG1

JOINT FILLER MORTAR

DESCRIPTION:

Normal cement based grouting / joint filler mortar with silicon (CG1)

APPLICATION AREAS:

Applied by hand for filling joints of coating materials up to 5 mm width as horizontal and vertical at indoors and outdoors to provide a smooth and esthetic appearance.

ADVANTAGES:

- * FUGA-SIL joint filler mortar provides labor and time advantage, by it's easy preparation and application features.
- * Provides high adhesion and durability, prevents crack formation.
- * Provides using at wet areas exposed to water due to it's silicon reinforcement.
- * Provides resistance to surface abrasion.
- * Provides less consumption at unit area by it's special formula.
- * Prevents getting dirty easily and changing color by time.
- * Provides smooth and esthetic appearance for joints.
- * Provides color options compatible with all kinds of coating materials due to it's wide color range.

SURFACE PREPARATION:

Application surfaces should be clean, sound and free from dust. Coating material should be fixed at least 24 hours before joint filler application. Adhesion barrier materials (oil, dirt, dust etc.) should be cleaned from the surface and joints, cement-mortar residues should be scraped. Joints should be dampened just before the application, free water on the surface should be removed.

PRODUCT PREPARATION:

20 kg FUGA-SIL joint filler mortar is added on 6,0-6,5 liters of clean water by sprinkling. Blended by a low speed mixer or by a trowel 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:

- * FUGA-SIL mortar is filled in joints between coating materials by applying pressure with a rubber trowel.
- * Excess mortar on the surface is removed by rubber trowel.
- * Depending on the ambient temperature approximately 20 min. after the application, joints and coating materials are cleaned using a dry and clean sponge.
- * When joint filler surface starts getting dry, it is smoothed using a damp rag or sponge.
- * Also coating material surface should be cleaned using a damp rag or sponge after joint filler surface starts drying.
- * After opening to traffic time is completed, the surface becomes ready to use.
- * If a film layer formed on mortar surface, mortar should not be used. A new mortar should be prepared and applied.
- * If there are lumps in mortar because of mixing, lumps should be taken from mortar, lumped mortar shouldn't be applied.
- * Ambient and surface temperature should be between +5°C and +30°C during the application.
- * Any additional material (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 sudden temperature changes and airflows during and after the application.
- * Mortar should not be applied on frozen, melting or within 24 hours danger of frost surfaces.
- * 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.

Workability Time: 45 min.

Time Required For Opening To Traffic: minimum 1 days

UNIT CONSUMPTION:

34 m² / 20 kg package

(25x25 cm tile, joint depth 8 mm; joint width 5 mm)



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TS EN 13888-1 / 2022
Sistem 4+

CG1 NORMAL CEMENT BASED GROUTING MATERIAL FOR TILES

Abrasion Strength	≤ 2000 mm ³
Bending Strength After Dry Storage	≥ 2,5 N/mm ²
Bending Strength After Freeze And Thaw	≥ 2,5 N/mm ²
Compressive Strength After Dry Storage	≥ 15 N/mm ²
Compressive Strength After Freeze And Thaw	≥ 15 N/mm ²
Shrinkage	≤ 3 mm/m
Water Absorption (after 30 min.)	≤ 5 g
Water Absorption (after 240 min.)	≤ 10 g



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.

