

Teknoderz

Joint Filler, Fuga (1-6 mm)



CE TS EN 13888 – CG1

Public Pos. No: 10.300.2231

Product Description Cement based joint filler for ceramics and tiles.

Areas of Usage

- Indoors,
- In horizontal and vertical joints,
- Tiles, ceramics, natural stone,
- Pressed brick, glass mosaic, granite,
- Suitable for 1 -6 mm joint spacing.

Features and Benefits

- Easy to prepare and apply.
- Provides a smooth surface.
- It is abrasion resistant.
- It does not crack.
- Long workability time.

Application Instructions

Surface Preparation: Joints on floors coated with tiles, ceramic, natural stone, pressed bricks, glass mosaic, granite and other flooring materials should be cleaned thoroughly before application, removed from dust and wiped with a wet sponge.

Mixing: The material becomes ready for use only by adding water. 20 kg TEKNODERZ is poured into 6,4 - 6,8 lt water. The mixture is mixed with a slow speed drill until homogenous. When the prepared mixture reaches the desired consistency, it is rested for 5 minutes and mixed again. The mixture is applied to the surface by means of rubber trowel in horizontal and vertical applications.

Cleaning: It must be protected after application against adverse weather conditions such as direct sunlight, high air temperature (above +35°C), rain and frost. The product should be cleaned thoroughly with water and detergent before it is fully cured and hardened.

Application Notes / Restrictions

- 6,4 - 6,8 lt clean, clear water received from normal ambient temperature into a clean container which is free kinds of materials which prevent adhesion.
- The depth between the joints should be at least 2/3 of the ceramic thickness.
- TEKNODERZ in 20 kg bag as powder is poured into a container filled with water.
- The product is mixed with a low speed mixer until a homogeneous mixture without lumps is obtained.
- The mortar obtained at the end of the process should be rested for 5-10 minutes and mixed again until it becomes homogeneous for 1-2 minutes.

Technical Data

General Information	
Appearance/Color	White and colored very fine powder
Shelf Life	12 months in unopened package in dry environment
Package	20 kg kraft bag
Application Information	
Application Temperature	(+5°C) - (+35°C)
Mixture Ratio	6.4 - 6,8 lt water / 20 kg powder
Pot Life	1 hour
Time to put into service	1 day
Consumption	See. Joint Filling Consumption Table
Performance Information	
Flexural Strength (EN 12808-3)	≥ 2.5 N/mm ²
Bending After Freeze - Thaw Cycles (EN 12808-3)	≥ 2,5 N/mm ²
Compressive Strength (EN 12808-3)	≥ 15 N/mm ²
After Freeze - Thaw Cycles. (EN 12808-3)	≥ 15 N/mm ²
Shrinkage (EN 12808-4)	≤ 3 mm/m
Abrasion Resistance (EN 12808-2)	≤ 2000 mm ³
Water Absorption 30 min	≤ 5g
Water Absorption 4 hours (EN 12808-5)	≤ 10g
Temperature Resistance	(-20°C) - (+70°C)

Technical data are approximate values obtained from the laboratory study of Tekno Construction Chemicals for finished products obtained at +20°C air temperature and 50% relative air humidity and valid for its performance after 28 days.