

Note on English translation:

This is a translation of the technical data sheet valid in Iran.

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Technical Data Sheet

04-2023

FUGA[®] Tile Grout (CG2WA)

Cementitious Grout for Tiles Gaps

Product description

K+ FUGA[®] is a cement-based product that is used for filling gaps between tiles such as ceramics, mosaics and natural stones.

Storage

Store the bags in a cool and dry place on wooden pallets, away from water and moisture. It can be stored for approx. 12 months.

Color

It is available in a range of 5 colors.

Properties and added value

- According to INSO 10760-3 and ISO 13007-3
- Easy to use and apply, just add water
- High adherence quality
- Extended application duration
- Crack free setting
- For manual application
- Low water absorption (W)
- High abrasion resistant (A)

Field of application

For grouting joints between floor and wall tiles and suitable for interior and exterior use.

Application

FUGA[®] is a fine powder which requires only the addition of water to produce a smooth paste.

Preparation

- All substrates must be stable, clean, even and free from grease, dust and any residual substances that may reduce adhesion.
- Before application, remove the residues from the joint that may prevent proper coating.

Application

Mixing

- It is recommended that a low-speed mechanical mixer is used. The mix ratio is approx. 4 parts of grout to 1 part water by weight (normal usage requires 1.5 liters per bag). Add the powder gradually to clean water. Mix to into a smooth, stiff paste. Allow to stand for 5 minutes and re-mix thoroughly.
- The grout must be prepared in the amount needed to be used within one hour.

Application Method

- Apply the grout with a spatula deep into the joints. It is recommended to wet joints before application.
- After the material has initially set, collect excess mortar from the surface with a damp sponge.
- Final cleaning of the remaining mortar should be done after the grout is completely dried and maximum 12 hours after application.
- Do not add water to the grout which starts to solidify.

Technical specification

Description	Unit	Value
Color	-	White- Cream- Light Gray- Dark Gray- Antrazit
Compressive strength	N/mm ²	≥15
Compressive strength after freeze-thaw cycle	N/mm ²	≥15
Flexural strength	N/mm ²	≥2.5
Flexural strength after freeze-thaw cycle	N/mm ²	≥2.5
Working time	Hour	1
Amount of mixing water (for 5 kg dry powder)	L	1.4 - 1.6
Application temperature	°c	+5 to +25
Water Absorption after 30 min	g	≤2
Water Absorption after 240 min	g	≤5
Abrasion resistance	mm ³	≤1000
Shrinkage	mm/m	≤3
Joint width	mm	2-20

Packaging

Product	Weight (kg)	Packaging (pcs./pallet)	Material Number
FUGA - CREAM - 130	5	240	7082530502
FUGA - WHITE – 100	5	240	7081530502
FUGA - LIGHT GRAY - 120	5	240	7083530502
FUGA - DARK GRAY - 121	5	240	7084530502
FUGA - ANTRAZIT - 200	5	240	7085530502

It is suggested to follow the technical details which given on Kplus system brochures for application.

Health and Safety Instructions

For detailed information and safety guidance, please refer to Product Material Safety Data Sheet [MSDS].

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