

CARREAU JOINT

Grouting Mortar- CG2 WA



PRODUCT DESCRIPTION

Cement-Based powdered grouting mortar, enhanced with reduced water absorption and high abrasion resistance.

FIELDS OF APPLICATION

Usage :

- Interior and exterior floors and walls.
- Specially suited for pools and wet areas.
- Grouting of all ceramic tiles and similar materials.

Limitations of Use :

- Frozen or thawing substrates, hot substrates, direct sunlight, waterlogged substrates, heavy rain, or strong winds.
- Underfloor heating systems.
- Wooden panel floors.

PRODCUT CHARACTERISTICS & PERFORMANCES

Application Characteristics:

Water-to-Powder Ratio	Approximately 30%
Mixing Time	2 to 3 minutes
Maturation Time	Approx 5 minutes
Practical Usage Duration (PUD)	30 to 45 minutes
Cleaning Time	Max 30 minutes
Accessibility	12 h
Commissioning Time	24 hours
Pool Filling Time	7 days

Packaging	Bags of 5kg, 3kg– buckets of 3kg, 5kg, 10 kg
------------------	--

APPLICATION

Substrate Preparation:

- Ensure the drying time of the adhesive used is respected before grouting.
- Verify that joint spaces are dry and free of adhesive or cement. These steps ensure proper joint adhesion, drying, and uniform color.

Product Preparation:

- Select the quantity (3 kg, 5 kg, 10 kg) of CARREAU JOINT based on the PUD and the area to be grouted.
- Mix the mortar with clean water, following the water-to-CARREAU JOINT ratio indicated on the packaging.
- Mix preferably with a low-speed electric mixer or manually until a homogeneous paste is obtained, suitable for floor or wall application.

Application :



- Spread the mortar and fill the joints diagonally to the tile edges using a rubber trowel or other suitable tool.
- Ensure joints are completely filled.
- Before the CARREAU JOINT fully hardens, remove excess mortar with a frequently rinsed and wrung-out cleaning sponge.

PRODCUT ADVANTAGES

- Perfectly smooth finish.
- Water-repellent.
- Fast drying.
- Joints from 2 to 8 mm.
- High Performance (Suitable for Pool).
- Color Options.

Composition :

- Hydraulic Binders.
- Mineral Charges.
- Mineral and Organic additives.

Storage :

- 12 months in original sealed package.

Colors : 20 Nuance

Dove Grey	Azure Blue
Silver Grey	Sky Blue
Lead Grey	SlateBlue
PEACH	Sea Green
Salmon Red	Cactus Green
Maroon	Military Green
JASMIN	CAMEL
Ivory Beige	Brown
Cement Beige	BRUNETTE
WHITE	BLACK

Powder Characteristics:

Apparent Density	Approximately 1.3
Particle Size	< 0.3 mm

Hardened State Performance according to EN 13888:

Abrasion Resistance	$\leq 1000 \text{ mm}^3$
Flexural Strength	$\geq 2.5 \text{ N/mm}^2$
Compressive Strength	$\geq 15 \text{ N/mm}^2$
Free Shrinkage	$\leq 3 \text{ mm/m}$
Water Absorption After 30 Min	$\leq 2 \text{ g}$
Water Absorption After 240 Min	$\leq 5 \text{ g}$

All values indicated in this technical data sheet are based on laboratory tests. They may be significantly modified by application conditions.



Consumption :

Varies depending on tile format, joint depth, and width.
Indicative consumption values: 0.5 kg/m² for 30x30 cm tiles, 8mm thickness, and 5mm joints.

- To avoid hollowing out the joints, wipe with a sponge diagonally across the tile edges.
- If necessary, finish with a dry cloth.

Application Temperature: Between 5°C and 35°C.

Recommendation:

- To prevent color variations, always use the same batch number.

LEGAL NOTICE

• The technical characteristic values are average statistical values and may be updated without notice. This document is non-contractual, and no responsibility is accepted for damage resulting from improper use.

REFERENCE DOCUMENTS

- NF EN 13888 - EN 12808 - DTU 52.1 - DTU 52.2