

# colour grout

acrylic  
water repellent  
tile grout

CG2 type

- High mechanical properties
- Resistance to moisture and frost
- Suitable for grouting joint widths 1-3mm
- CG2 type tile grout according to EN 13888



# COLOUR GROUT

## acrylic water repellent tile grout

### DESCRIPTION

Coloured, cement-based tile grouting mortar, enhanced with hydrophobic polymers and other additives. It exhibits excellent resistance to abrasion, moisture, mold growth and frost, as well as excellent colour stability. Available in 24 colours. Classified as CG2 type cementitious tile grout according to European standard EN 13888.

### APPLICATIONS

COLOUR GROUT acrylic tile grout is suitable for grouting joint-widths 0-3 mm. It can be applied to all types of ceramic and non-absorbent tiles, marble, glass mosaic tiles, as well as in any case where aesthetics require a very smooth joint. Suitable for wall and floor surfaces, in both interior and exterior applications.

### PROPERTIES / ADVANTAGES

- Excellent workability.
- High mechanical properties.
- Almost zero shrinkage.
- Fast and easy application on both vertical and horizontal surfaces.
- Increased resistance to abrasion, moisture, frost, solvents, and alkalis.
- Easy to clean, non-staining.
- No spots or efflorescence on the grout surface.
- Excellent color stability - Exceptional aesthetic result.

### HARMONIZED STANDARDS / REGULATIONS

- EN 13888: Cementitious tile grout, type CG2.
- Regulation (EE) No. 305/2011: CE marked product with Declaration of Performance (DoP): COLOURGROUT/CPR-7-13/030/29-10-2013.

### APPLICATION INSTRUCTIONS

- Before application, the joints must be clean and dry, free from dust, grease, loose residues, etc. Especially during the summer months, the joints must be dampened with a wet sponge.

- The content of the bag (5 kg) is gradually added into approximately 1.4-1.5 kg of clean water under continuous stirring until a homogeneous, lump-free mixture with the desired workability is achieved.
- Mixing should be carried out for approximately 3-5 minutes with a low-speed drill (300 rpm), making sure to also stir the material adhering to the walls and bottom of the container.
- The mixture is allowed to settle for approximately 5-10 minutes and is then remixed lightly.
- The material is applied with a rubber spatula, fully filling the joints, while the excess is removed diagonally across the joints with the spatula.
- The excess material remaining on the surface of the tiles is removed using a wet sponge.
- Once COLOUR GROUT has sufficiently set, the joint surface is cleaned with a slightly damp sponge.
- The use of lukewarm water facilitates cleaning of the tiles.

### APPLICATION INSTRUCTIONS

Clean all tools and application equipment with water immediately after use. Hardened material can only be mechanically removed.

### RECOMMENDATIONS

- Temperature during application should be between +5°C and +35°C.
- Grouting must be carried out on dry and moisture-free substrates in order to prevent the formation of a white layer on the surface.
- Do not mix the product with dirty or salty water, cement, aggregates, or other admixtures.
- During periods of high temperatures, it is recommended to slightly dampen the joints prior to application.
- The setting time of the material varies depending on ambient humidity and temperature.
- When using cleaning agents to remove grout residues, their effect on the material's colour should be tested in advance. After cleaning, rinse thoroughly with plenty of water to ensure their complete removal from the joint surface.

## TECHNICAL CHARACTERISTICS

### PRODUCT CHARACTERISTICS

Appearance	cementitious powder
Colour	available in 24 shades
Bulk density	1.40 ±0.05 kg/lt

### APPLICATION CHARACTERISTICS (+23°C / 50% R.H.)

Mixing ratio	28-30% b.w. (1.4-1.5 kg of water / 5 kg bag)
Density (EN 1015-6)	1.90 ±0.05 kg/lt
Pot life (EN 1015-9)	1 hour
Application temperature	minimum: +5°C / maximum: +35°C
Joint width	1-3 mm
Ready for foot traffic	10 hours

### PERFORMANCE CHARACTERISTICS

Flexural strength (EN 12808-3)	after 28 days	≥ 6.0 N/mm <sup>2</sup>
	after freeze-thaw cycles	≥ 6.0 N/mm <sup>2</sup>
Compressive strength (EN 12808-3)	after 28 days	≥ 30.0 N/mm <sup>2</sup>
	after freeze-thaw cycles	≥ 30.0 N/mm <sup>2</sup>
Water absorption (EN 12808-5)	after 30 minutes	≤ 2.0 g
	after 240 minutes	≤ 5.0 g
Density of hardened product (EN 1015-10)		1.60 ±0.05 kg/lt
Abrasion resistance (EN 12808-2)		≤ 1000 mm <sup>3</sup>
Shrinkage (EN 12808-4)		≤ 2.0 mm/m

**Note:** Measurements were conducted in a laboratory environment. The varying conditions present on-site (temperature, humidity, ventilation, substrate absorbency) may affect the material's properties.

## CONSUMPTION

Depending on the width of the joint and the dimensions of the tiles. Indicative consumption values are shown in the table below (in kg/m<sup>2</sup>):

TILE DIMENSIONS (mm)	JOINT WIDTH (mm)				
	1	2	3	4	5
20 x 20 x 4	0.75	1.50	2.00	2.90	
50 x 50 x 4	0.30	0.60	0.90	1.20	
100 x 100 x 8	0.25	0.50	0.70	1.00	1.20
200 x 200 x 8	0.10	0.25	0.35	0.50	0.60
250 x 450 x 8	0.10	0.15	0.20	0.30	0.40
300 x 600 x 10	0.10	0.15	0.20	0.30	0.40
300 x 600 x 12	0.10	0.20	0.30	0.35	0.45
330 x 330 x 8	0.10	0.15	0.20	0.30	0.40
330 x 330 x 10	0.10	0.20	0.30	0.35	0.45
400 x 400 x 8	0.10	0.15	0.20	0.25	0.30
400 x 400 x 10	0.10	0.20	0.20	0.30	0.40
450 x 450 x 10	0.10	0.15	0.20	0.30	0.35
450 x 450 x 12	0.10	0.20	0.25	0.30	0.40
500 x 500 x 9	0.05	0.10	0.15	0.20	0.30
600 x 600 x 10	0.05	0.10	0.15	0.20	0.25
600 x 600 x 12	0.05	0.10	0.20	0.25	0.30
800 x 800 x 10	0.05	0.10	0.14	0.20	0.25
800 x 800 x 12	0.06	0.11	0.17		
600 x 1,200 x 12	0.06	0.11	0.17		
1,200 x 1,200 x 12	0.06	0.07	0.11		

## SAFETY PRECAUTIONS

- The product contains cement which has an alkaline reaction with water and is classified as irritant.
- Always wear appropriate personal protective equipment for eyes and skin (protective clothing, gloves and goggles).
- If skin contact occurs, rinse well with plenty of clean water.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Consult product's Safety Data Sheet for further instructions on safety handling.
- **PRODUCT FOR PROFESSIONAL USE.**

## PACKAGING - STORAGE

Available in:

- 5 kg plastic bags.

**Storage:** 12 months from production date, if stored in original, sealed packaging, protected from direct sunlight and moisture.

## LEGAL NOTICE

The technical characteristics and recommendations for the use and application of the **FINOMIX** range of products are based on the knowledge and experience of the company. The above information shall be considered merely indicative and subject to confirmation after long-term practical application. For this reason, anyone who intends to use the product must ensure that it is suitable for the envisaged application. Since the specific site conditions during the applications are beyond the control of our company, the user alone is fully responsible for any consequences deriving from the use of the product. **FINOBETON S.A. (FINOMIX)** has the right to modify the properties of its products without prior notice. This release voids any previous publications issued for this technical specifications sheet.

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