



Tile Adhesives & Grouts

ISOMIX TILE GROUT

Technical Data Sheet

Reviewed: 06.06.2015



DESCRIPTION

ISOMIX TILE GROUT is a cement-based acrylic ceramic tile grout for filling wall and floor joints. It contains high strength Portland cement, carefully selected fine fillers, acrylic resins and special additives, which offer excellent grouting even on difficult surfaces. It is suitable for interior and exterior use. It is classified as a type CG2 grout according to EN 13888.

ADVANTAGES

- High mechanical strength
- Excellent adhesion properties
- Moisture and frost resistant
- Stain resistant – easy to clean
- Durable performance
- Colour stability
- Interior and exterior use
- Easy, clean and fast application

APPLICATIONS

- It is suitable for grouting tile joints on vertical and horizontal surfaces for interior and exterior applications.
- Grouting of low absorption tiles on various substrates where high adhesion and moisture resistance are required.

INSTRUCTIONS FOR USE

Substrate preparation

1. Tiles must be fixed in their position and tile adhesive must have completely dried.
2. Joints must be clean, free of oily residues, loose materials, dust etc. Remove any residues of tile adhesive and plastic joint crosses.
3. Joints should be lightly dampened before application.

Mixing instructions

1. Add 1 –1,5 Lt of water in a clean bucket and mix gradually under constant stirring adding 5kg of ISOMIX TILE GROUT. Caution: the addition of excess water may cause colour fading.
2. Using a low speed electrical mixer stir well till a uniform viscous mixture is formed.

3. Let the mixture stand for 10 minutes and stir again.
4. The working time of the mixture is 30 - 90 minutes. Periodical stirring is advised while avoiding the addition of more water.

Application

1. The mixture should be applied uniformly on the joints pressing firmly to fill all gaps with a rubber trowel – or a squeegee.
2. Spread the grout in a diagonal direction to the tile edges, in order to fill the joints completely.
3. Excess material should be removed after a while using a wet sponge or cloth.

CLEANING

Remove as much material as possible from tools before cleaning. Clean all equipment immediately after use with soapy water.

REMARKS

- Surfaces are ready for grouting within 24 hours for floor applications and 12 hours for wall applications.
- Periodical stirring is advised while avoiding the addition of more water.

COVERAGE

200-800 gr/m² depending on joint width and tile dimensions. In extreme cases consumption may increase significantly. The following estimates are indicative (values in gr/m²):

ISOMIX TILE GROUT 0 – 5 mm				
Tile dimensions in cm	Joint width			
	2 mm	3 mm	4 mm	5 mm
2 x 2 x 0,3	1.300	1.500	--	--
10 x 10 x 0,6	400	600	800	1.000
15 x 15 x 0,7	300	460	620	780
20 x 20 x 0,7	250	370	420	600
30 x 30 x 0,8	200	290	380	470

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TECHNICAL CHARACTERISTICS

Form: Cement based powder

Colour: Available in 4 colours

Application temperature: +5°C - +35°C

Compressive strength after 28 days: $\geq 35 \pm 9\%$ N/mm²

Flexural strength after 28 days: $\geq 7,5 \pm 9\%$ N/mm²

Open time: 7-10 min 20°C

Repair: 6-8 min 20°C

Walkability: 10 hours 20°C

STORAGE

Store in dry and cool storage conditions at temperatures 5^o-30^oC. Protect from moisture, frost and direct sunlight.

SHELF LIFE

At least 12 months in the above mentioned storage conditions. Products should remain in their original unopened sealed bags, bearing the manufacturers batch number.

ELASTIFICATION

In cases where increased waterproofing properties with increased demand for elasticity is required, it is advisable to elastify ISOMIX TILE GROUT by the addition of acrylic resin ISOMIX RESIN ACR 300 at a ratio 1 part of resin with 3 – 4 parts water. Final cleaning of surfaces is harder after the elastification of the grout.

PACKAGING

Bags 5kg white, ivory, light grey, grey

PACKAGING	CODE	BARCODE
5kg White	01766	5204094017608
5kg Ivory	01768	5204094017622
5kg Light grey	01769	5204094017639
5kg Grey	01770	5204094017646

HEALTH AND SAFETY INFORMATION



Eye Dam. 1: H318 Causes serious eye damage **Skin Irrit. 2: H315** Causes skin irritation **Skin Sens. 1: H317** May cause an allergic skin reaction **STOT SE 3: H335** May cause respiratory irritation **P102** Keep out of reach of children **P261** Avoid breathing dust/fume/gas/mist/vapours/spray **P271** Use only outdoors or in a well-ventilated area **P280** Wear protective gloves/protective clothing/eye protection/face protection **P304 + P340** IF INHALED: Remove person to fresh air and keep comfortable for breathing **P305 + P351 + P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing **P310** Immediately call a POISON CENTER or doctor **P302 + P352** IF ON SKIN: Wash with plenty of water and soap

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention **P362 + P364** Take off contaminated clothing and wash it before reuse **P501** Dispose of the contents/container in accordance with the current legislation on waste treatment **EUH208:** Contains cement portland, chemicals. May produce an allergic reaction. Substances that contribute to the classification: cement portland, chemicals, Calcium dihydroxide

The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



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