

FUGAMAGICA ZEROSEI MATERIA

Water-repellent cement-based decorating sealant for grouting 0-6 mm joints between ceramic tiles. Available in 40 colours in the 4 collections: legno, colore, cemento, pietra.



Technical features

- Powder product based on cement, selected aggregates, synthetic resins, waterproofing additives, additives preventing mildew from forming and coloured pigments.
- Classified CG2WA according to the norm EN 13888: the highest mechanical and performance features.
- Classified EC1 plus: with very low content of Volatile Organic Compounds (VOC) to safeguard indoor health.
- Resistant to the formation of mildew: prevents mildew from forming on the joint surface, so that tiled surfaces are healthy and hygienic.
- Water-repellent: contrasting the water passage, keeping substrates dry and joints cleaner.
- Contrasting rising efflorescence, decreasing the risk of unpleasant floating.
- Resistant to UV rays: colours do not fade nor change upon exposure to the light.
- Resistant to alkali and detergents keeping aspect unchanged in time.
- Easy to apply and fast to clean.
- Smooth and velvety finishing.

Applications

FUGAMAGICA ZEROSEI MATERIA is suitable in the following cases:

- Grouting of porcelain stoneware tiles, porous ceramic tiles, natural stones with joints from 0 to 6 mm with smooth finishing.
- Especially recommended for grouting in swimming-pools, saunas, wellness centers, bathrooms and showers.
- For grouting outdoor floors and walls where increased waterproofing, flexibility and high mechanical resistance are required, FUGAMAGICA ZEROSEI MATERIA shall be mixed with IMPER 21 replacing the water completely.

Important warnings

- Do not use FUGAMAGICA ZEROSEI MATERIA for joints wider than the specified ones.
- Do not use FUGAMAGICA ZEROSEI MATERIA for flexible expansion joints (use suitable sealants by ADESITAL).
- For acid-resistant grouting use ADEPOXY or ADEPOXY MATERIA
- For grouting floor tiles to be polished on the spot, mix with IMPER 21.

Precautions

It must be absolutely avoided to grout walls or floors with the installation layer (grout or adhesive) still wet, as the incomplete drying can result in efflorescence on the joints caused by the migration of soluble salts towards the surface, with a following non-homogeneous colour. The same problem may occur if floors have not been insulated from the ground below. When grouting very absorbing tiles, stains or small cracks can form on the coloured sealant due to the too fast absorption of the mix water. To reduce this, it is recommended to wet the tile edges before applying the sealant. The mix water must be carefully batched, as too much can cause a whitish patina on the grouting surface (efflorescence). Mixes prepared with different mixing ratios can show different colour shades and lower mechanical performance.

Mix preparation

Mix 5 kg of FUGAMAGICA ZEROSEI MATERIA with about 1.3-1.4 l of clean water. Mix till getting a smooth and clogless mix. The mix must then rest for about 5 minutes, stirring it again before using it.

Joint preparation

Clean the joint for the whole tile thickness. If the installation has been made with adhesive, wall tiles can be grouted after 4-8 hours; floor tiles can be grouted after 24-36 hours. If the installation has been made with grout (traditional cement installation) it is recommended to grout after 2-3 days for wall tiles and after 8-10 days for floor tiles.

Application

Joints are easy to fill with FUGAMAGICA ZEROSEI MATERIA pressing the sealant by a smooth rubber squeegee. The excess sealant can be removed by damp sponge when FUGAMAGICA ZEROSEI MATERIA has a sufficient consistency (usually after 10-20 minutes from the application). The final cleaning of the wall or floor is made by a dry cloth or suitable felt when the sealant has hardened completely (even after one day). To prevent dirt and other residues from being incorporated in the still fresh cementitious grout, thus changing the colour, protect the surface in the 36 hours after the application.

N.B.: If the excess sealant is removed from the joints too early, the joints may be partially emptied. If, on the contrary, it is made too late (over 24 hours), wait at least 7-8 days and then clean with the de-fouling cleaner ADESIT CLEAN (see technical sheet). In hot and windy days the grouting must be kept wet with clean water, after having started hardening.

Specifications

Joints of walls and floors with dimensions ranging between 0 and 6 mm shall be grouted with a high performance anti-bacterial water-repellent cementitious sealant (with absorption lower than 2 g according to the norm EN13888), resistant to mildew, highly-performing of CG2 class and with very low emission of Volatile Organic Compounds (EC1 plus), e.g. FUGAMAGICA ZEROSEI MATERIA by ADESITALS.p.A.

LEGGNO	COLORE	CEMENTO	PIETRA
BETULLA	BURRO NEW	BIANCO	JASMINE
LARICE	MALDIVE NEW	CALCE NEW	BEIGE
ROVERE	BERMUDA	GHIAIA NEW	VANILLA
OLMO	CONFETTO NEW	GRIGIO PERLA	SAHARA
CASTAGNO	PORTO NEW	MANHATTAN	GOBI
TEAK	COLONIALE	STONE NEW	ASIA
MOGANO	CARAMEL	LONDON NEW	ROCK
IROKO	AVIO NEW	GRIGIO	FANGO
QUERCIA	UNIVERSO	ANTRACITE	SELCE NEW
WENGÉ NEW	SALVIA NEW	CARBONE NEW	ARDESIA NEW

Coverage in kg/m² of coated surface

Tile dimensions (mm)

Joint width (mm)

	2	4	6
20x20x4	1,2		
50x50x4	0,5		
75x150x6		0,9	1,3
100x100x6		0,9	1,3
100x100x10		1,5	1,8
100x200x6		0,7	1,0
100x200x10		1,2	1,8
150x150x6		0,6	0,9
200x200x8		0,6	0,9
120x240x12		1,2	1,8
250x250x12		0,8	1,2
250x250x20		1,2	1,8
250x330x8		0,5	0,7
300x300x8		0,4	0,6
300x300x10		0,5	0,7
300x300x20		1,0	1,5
300x600x10		0,4	0,6
330x330x10		0,5	0,7
400x400x10		0,4	0,6
450x450x12		0,4	0,6
500x500x12		0,4	0,6
600x600x12		0,3	0,5

Technical data [at +23°C and 50% R.H.]

Appearance	fine powder
Colour	see colour table
Storage	5 kg bag - 24 months in the original packaging and in a dry place 25 kg bag - 12 months in the original and in a dry place packaging
Sicurezza	Please check the information on the package and on the safety sheet
Flammability	no
Customs item	38245090

Application data

Mixing ratio	about 6.5 l of water every 25 kg 1.3-1.4 l of water every 5 kg
Mix consistency	fluid and smooth paste
Mix volume mass	2 g/cm ³
Mix pH	12
Pot life	2 hours
Application temperature	from +5°C to +35°C
Ready for traffic	after 24 hours
Wall grouting	after 4-8 hours
Floor grouting	after 24-36 hours
Floor grouting with traditional grout	after 8-10 days
Joint cleanability with porous tiles	after 10 minutes
Joint cleanability with stoneware tiles	after 15 minutes

Final performance

Resistance to humidity	fair
Resistance to solvents and oils	good
Resistance to acids	poor
Resistance to compression	30,0 N/mm ²
Resistance to flection	8,0 N/mm ²
Water absorption after 4 hours [EN13888]	< 2%

FUGAMAGICA ZEROSEI MATERIA packages	25 kg bag 4x5 kg box
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Warning: The above indications and rules correspond to our best experience, but shall be deemed as merely indicative and shall be confirmed by exhaustive practical tests; thus, before using the product, the operator shall determine if it is suitable for its intended use and shall undertake every responsibility resulting from its use. PROFESSIONAL USE ONLY