

DESCRIPTION:

ANTESIGIL G is a high-quality sealant cement grouting ceramic tiles and natural stones of a width from 3 to 15 mm. ANTESIGIL G is a premixed cement-based with high mechanical resistance, selected silica sands, special synthetic polymers, special additives and pigments. **At the end of lifetime the product is recyclable as inert.**

CLASSIFICATION ACCORDING TO EN 13888:

The product conforms to the class CG2: "improved cementitious sealant"

USE:

ANTESIGIL G is a professional high workable sealant for grouting all types of ceramic tiles, in between 3 and 15 mm of amplitude; suitable for floors and walls, internally or externally, especially for grouting materials with "Country" finishing, such as clinker, terracotta, tumbled marble, enamelled porcelain, etc..; ANTESIGIL G can also be used with ceramic mosaics, twice-fired, single-fired, stoneware in general, etc., either for residential, commercial, and industrial buildings.

For grouting of basins or swimming pools, external faces, or heated pavements, particularly if high mechanically stressed (shopping centers, industrial pavings, etc..), and every time you want to give the product more deformability, enhanced water resistance and more resistance against atmospheric agents, it is highly recommended to knead ANTESIGIL G with the synthetic latex TEKNO LATEX instead of water (although it is necessary to previously run tests to check ceramics' washability). For further special applications, please consult our technical department.

SUBSTRATE PREPARATION:

Before the application of ANTESIGIL G, make sure that the adhesive is properly cured and passable (see adhesive's technical data sheet), unless rapid setting adhesives (F) have been used, wait at least 6 hours if walls and 24 hours if floors. Eventually, if a dark color has been used on floors, wait at least one week for the adhesive to be completely dried in order to avoid staining to the color. Clean the surface of the tiles and remove dust and residual adhesive from the joints. Especially in hot weather conditions it is recommended to moisten the joints of the porous tiles using a wet sponge.

DOUGH PREPARATION:

Mix about $19 \div 21\%$ of the weight of the bag with drinking water using a special mixer or a drill with whisk at low speed (about 300 rev/minute). Introduce water into a clean bucket, add the powder and mix until dough is smooth, plastic and free of lumps. For floors a slightly higher (22 to 23%) amount of water can be used, but be careful not to go overboard: higher quantities may create abnormal porosity and shrinkage in the mortar, resulting in the formation of cracks and little wear-resistant surfaces. Let the dough rest for about 5 minutes, stir briefly and correct the density of the mixture. The mortar obtained is usable for about 2 hours.

APPLICATION:

Spread the sealant on the ceramic surface and compact it into the joints using a rubber float with a 45° movement toward the direction of the joints and remove the excess of grout from the surface. On floors you can use a special rubber float.

After mortar application, sprinkle the joints with sealant powder (not mixed) to accelerate the gripping and reduce the risk of color variations. Do not try to reuse the mortar adding water to the mortar.

SURFACES CLEANING:

10 to 20 minutes after grouting when the grout becomes opaque (evidence that the socket is starting), immediately start

cleaning: for roughing abrasive Scotch-Brite ® felts can be used and for washing use a special rigid sponge, moistened with clean water. Pass the towel at 45 ° on the joints, making sure that the grout does not stick to the sponge emptying the joints. Rinse the sponge frequently and wring out thoroughly. After washing it is possible that a thin layer of dust remains on the ceramic surface; to delete it, after the capture, simply wipe with a clean cloth. Where it is necessary, after curing (at least 7 -10 days), you can perform a final cleaning with special cleaning agents containing buffered acids: before applying wet the joints with water, then follow the instructions of the manufacturer of the detergent (Warning : do not use on marble and always run a little test of compatibility before use).

CONSUMPTION:

consumption can significantly vary depending on the size and thickness of the tiles. See indicative table below.

CLEANING:

Wash hands and equipment thoroughly with clean water before the mortar begins to grip; otherwise cleaning will be difficult.

HEALTH AND SAFETY:

The product is not toxic, but the Portland cement content can cause irritation to skin and eyes. Do not breathe dust and protect themselves adequately with gloves, respirators, protective clothing and goggles. For more information, see the Safety Data Sheet.

TECHNICAL DATA	
Consistency	Colored powder (see color chart)
Grit	0 ÷ 0,5 mm.
Bulk density	1,4 gr/cm ³
Percentage mixing water wall	19 ÷ 21% in weight
Percentage mixing water on the floor	21 ÷ 23% in weight
Density of mix	1900 kg/m ³
pH of mix	about 13
Application temperature range	da +5°C a +35 °C
Pot life	about 2 hours*
Waiting time before cleaning	about 10 ÷ 20 min*
Set for light foot traffic	after 24 hours *
Ready for use	after 7 days*
Flexural strength	In compliance with European norm EN 13888 as CG2
Compressive strength	In compliance with European norm EN 13888 as CG2
Abrasion resistance	In compliance with European norm EN 13888 as CG2
Shrinkage	In compliance with European norm EN 13888 as CG2
Resistance to moisture	excellent
Resistance to ageing	excellent
Resistance to fat, oils and alkali	excellent
* Data expressed according to EN 12004 at (23 ± 2) ° C and (50 ± 5)% relative humidity. Lower temperatures increase the times of maturation and hardening.	

HAZARD CLASSIFICATION:

Irritant (under Regulation 2008/1272/CE). Before use, see the instructions on the bag and its "Safety Data Sheet". Product conforms to the DM 10/05/2004. Cr VI content less than 2 p.p.m.

CUSTOMS CLASSIFICATION:

3824 50 90

PACKAGING:

ANTESIGIL G is supplied in 10 kg bags on plastic sealed wooden pallets.

STORAGE:

- Keep the product in its original packaging. Do not disperse dust.

ANTEBIAGO SRL

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- For the purposes of DM 10-05-2004 the product properly stored should be used within 12 months from the date of manufacture stamped on the bag.

WARNINGS:

- Do not mix with cement, sand and other different products. - Different amounts of water used for the mixture can cause differences in colors, do not add water to the dough. - Use only clean water, dry, clean and free of rust equipments. - When acid resistance is required, use epoxy grout - The grouting with dark-colored sealants must be carried out after at least 5 to 7 days after laying, when the substrate is dry. - On materials with particularly porous or absorbent surfaces do not use contrasting colors and remember to previously run an application test to verify washability. - Especially using dark colors is always advisable to do a washability test on the tiles by applying grout in a non visible area. - Protect the fillings for at least 48 hours from rains, water, frost and direct sunlight. Do not apply on frozen surfaces and avoid temperatures below + 5 ° C. -Do not use to seal expansion joints or split: for floors use castable polyurethane sealant or a suitable silicone sealant in a tube. -Do not use to seal the joint between floor screed and wall. - On external faces or heated pavements, basins or swimming pools, we recommend to mix ANTESIGIL G with synthetic latex TEKNO LATEX

TABLE OF CONSUMPTION IN KG/MQ																				
	75X150X6	100X100X	100X100X	100X200X	100X200X	150X150X	200X200X	120X240X	250X250X	250X250X	250X330X	300X300X	300X300X	300X300X	300X600X	330X330X	400X400X	450X450X	500X500X	600X600X
3	1,0	1,0	1,6	0,8	1,20	0,7	0,7	1,2	0,8	1,3	0,5	0,5	0,6	1,1	0,4	0,5	0,4	0,5	0,4	0,4
8					2,0			2,0	1,3	2,1	0,8	0,7	0,9	1,7	0,7	0,8	0,7	0,7	0,6	0,5
10					2,4			2,4	1,6	2,6	0,9	0,9	1,1	2,2	0,8	1,0	0,8	0,9	0,8	0,7
15									3,9					3,2						

PRODUCT ADDRESSED TO A PROFESSIONAL USE

The above statements come from our current best experience. But since the site conditions can greatly vary, we recommend the user to carefully verify with practical tests that the product is suitable for the tasks in any case; user will take accountability of any miscorrect use.