

Technical 12.01.2015

AQUASTATIC GROUT, QK-15

Flexible product for ceramic plating, 5 – 15 mm

Use:

Mortar for ceramic plating, CG2 WA according to SR EN 13888 / 2009 for indoors and outdoors on surfaces exposed to temperatures between -20°C and +80°C, with or without humidity, for large sized joints. Product is applied only on mineral bases such as ceramic tiles, tiles, marble, natural stone without risk of discoloration, granite floor tile, porcelain tiles, mosaic and Nevada-type glass brick. Product does not apply on wood, plastic, metal, etc. Not used to fill active joints, on areas exposed to chemical substances and surfaces exposed to deformation.



Characteristics:

- High resistance to bad weather
- High adherence
- Easy processing
- Color stability over time
- Sealed packaging / long-term storage, 2 years

Technical data:

Item No.:	QK 15
Material foundation:	Cement, mineral aggregates, pigments, polymers, plasticizers
Class of material:	CG2WA according to SR EN 13888 / 2009
Compressive strength:	Minimum 15 N / mm ²
Tensile strength:	Minimum 2,5 N / mm ²
Dimensional variation:	Max. 3 mm / m
Water absorption after 30 min:	Max. 2 g
Water absorption after 240 min:	Max. 5 g
Compressive strength after frost/thaw cycles:	Min. 15 N / mm ²
Bending strength after frost/thaw cycles:	Min. 2,5 N / mm ²
Bucket time:	Approx. 2 hours
Air/substrate temperature when placing:	Min. +5°C max. +30°C
Consumption:	Approx. 0,8 – 1,5 kg / m ²

Packaging:	Tightly sealed plastic bag
Delivery:	5 kg
Storage / Validity:	24 months from date of fabrication on the packaging, according to Directive 1907/2006/EC and GR 932/2004, at 20°C and 65% relative humidity. Store in dry spaces on wooden pallets.
Technical data and those related to consumption are determined in standard conditions. There may be differences depending on conditions of applications.	

Base:

Surface of the support layer must be resistant, clean, dry, without cracks or fissures, adherent and compact, free of grease, dusts, loose debris, salts or other materials than can form a separator layer. The base must not be frozen or deep wet. Fragile areas and mortar residues must be removed. Adhesive used for ceramic plating must be completely dry and hardened, minimum 24 hours after plating, depending on the temperature and humidity. When applying on high absorption bases, it is recommended to wet the joints before applying the grout. Grout is applied on the wet, mate surface, without excess water.

Processing:

To mix the grout, use clean water and a clean container. Content of a 5 kg bag is poured into 1,4 – 1,6 liters of clean water, respectively 0,28 – 0,32 liters of water to 1 kg. Leave to rest about 5 minutes and then give a brief, vigorous mix one more time. Color is obtained only after the product is mixed with the indicated amount of water. The paste you obtain is distributed diagonally with the rubber grouter on the surface, until joints and filled completely. After 10 to 15 minutes, clean with a sponge.

Drying time before surfaces can be used is 72 hours. Time for complete drying and hardening of the material is 5 days. During this time, surface must be protected against intense washing or exposure to chemical cleaning agents. This period is taken into account at 20°C and 65% relative humidity. Low temperatures and high air humidity prolong this drying and hardening period.

Important:

- Consideration must be given to additional measures for the protection of surfaces against fast dehydration, bad weather or frost;
- Avoid direct exposure of surfaces to sunlight during application;
- During drying and hardening, for minimum 5 days, surface must be protected against intense washing or exposure to chemical cleaning agents;
- Comply with the information in the technical security sheet;
- This technical sheet replaces all previous versions. Information in this technical sheet represent our experience with this product up to this day. This technical sheet does not clear the user of the product from making his own decision and evaluation including by samples, regarding the appropriateness of using the product. SCHOMBURG / ADEPLAST products as well as their aggregate raw materials are continuously monitored in our own laboratories for consistent quality. Our advisory service is available for questions regarding product application and demonstrations. Comply with the information in the security technical sheet.