

Strutile GR110

Strutile® GR110

Polymer Modified, Cementitious Tile Grout

Uses

As a grout for tile joints in:

- Kitchens
- Bathrooms
- Shower stalls
- Swimming pools

Advantages

- Low cost service life-mould resistant, tropical grade suits Middle East working conditions
- Easy to apply, thixotropic, non-slump grout
- Water resistant, can be used in submerged conditions
- Available in a range of attractive colours

Standards compliance

Complies with the European standard EN12808 of tile grouts in all respects.

Description

Strutile GR110 Grout is supplied as a one component pack, which requires only the on-site addition of clean water.

It readily blends to produce a smooth creamy paste which, when set, is water and mould resistant.

Strutile GR110 Grout is used in conjunction with Strutile tile adhesives.

Properties

Appearance	Cementitious Powder in customized colours	
Density	1600 kg/m ²	
Flexural strength (EN 12808 - 3) 28 d sc	> 5 N/mm ²	
Flexural strength (MPa) (BS6319, Part 3 : 1998)	7 Days	6
	28 Days	9

Bond Strength (MPa) (BS 1881, Part 207)	> 1
Application temperature	5 - 40°C
Water absorption (EN 12805 - 5) (240 minutes)	< 5%

Instructions for use

Preparation:

All tiles must be securely fixed in place and thoroughly cleaned before Strutile GR110 Grout is applied. The gap between tiles should not exceed 8 mm.

Mixing:

Strutile GR110 should be mixed mechanically with a Heavy Duty, slow speed drill or a forced action mixer fitted.

Measure 25 to 30% of the weight of the grout, clean water into the mixing vessel, add the powder component to the mix and continue mixing for 2 to 3 minutes until a uniform, lump-free consistency is achieved. Allow to stand for 5 minutes prior to use.

Application:

Apply Strutile GR110 Grout to the spaces between the tiles using a sponge or a small piece of soft cloth. Work the mixture into the joints and around the edges.

Remove surplus material from the face of the tiles with a dry cloth and run the tip of a gloved finger or suitable rounded tool along the grout to level it off and form a profile.

When the grout is dry, clean the tiles with a damp sponge to remove any excess material. It is advisable to remove uncured grout from textured tiles prior to setting, failure to do so may result in difficulty in removal.

Cleaning:

Strutile GR110 Grout should be removed from tools, equipment and mixers with clean water immediately after use. Cured material can only be removed mechanically.

Limitations

- Strutile GR110 Grout should not be used when the temperature is below 5°C and falling.
- The product should not be exposed to moving water during application.

If any doubts arise concerning temperature or substrate conditions, consult your local Strumix office.

Packaging

Strutile GR110 is available in 1, 5, 20 kg bags.

Storage

Strutile GR110 has a minimum shelf life of 12 months at 20°C if kept in a dry store in the original, unopened packs. The shelf life will be reduced at higher ambient temperatures.

Precautions***Health and safety:***

Strutile GR110 is alkaline and should not come into contact with skin and eyes. Avoid inhalation of dust during mixing. Gloves, goggles and dust mask should be worn. If contact with skin occurs, wash with water. Splashes to eyes should be washed immediately with plenty of clean water and medical advice sought.

Fire:

Strutile GR110 is non-flammable.

