



POLYBLEND™ G10 COLOURED GROUT



POLYBLEND™ G10 is a premium, high quality, polymer modified, flexible, cement based, coloured grout designed for grouting most types of tiles including ceramics, porcelain, natural stone and glass mosaics. **POLYBLEND™ G10** can be used in both internal and external applications for joints between 1.5mm and 10mm wide. Its unique hydrophobic formula makes the grout water repellent, which reduces the effects of efflorescence while also ensuring grout colour consistency. The grout also contains an anti-fungal agent that prevents the growth of mould. **POLYBLEND™ G10** is available in a wide range of designer colours.

PRODUCT FEATURES

- Smooth appearance • Flexible
- Hydrophobic (water repellent)
- Reduced efflorescence
- Improved stain resistance • Colour consistent
- Easy to apply • Easy to clean • Anti-Fungal
- Extended coverage • Low VOC

SUITABLE TILE TYPES

- Walls and floors • Glass mosaics
- Internal and external applications
- Joint widths from 1.5mm to 10mm
- Ceramics • Porcelain • Natural stone

SURFACE PREPARATION

General

The grout joints must be clean, dry and be free from any excess adhesive or foreign material. It may be necessary to rake excess adhesive from the grout joints to ensure a maximum, uniform grout joint depth is achieved. For porous or unglazed tiles, it may be necessary to dampen the joints prior to application. It is recommended that porous tiles be sealed prior to grouting to avoid staining. Tile spacers must be removed prior to grouting.

MIXING

A 10kg bag of **POLYBLEND™ G10** will require approximately 2.8 Litres of water. Add a measured amount of clean water into a clean container and sprinkle **POLYBLEND™ G10** powder slowly into the liquid with constant stirring. Mix by hand with a trowel or low speed mixer (less than 300 rpm) and cage paddle, eliminate lumps. Mix until a thick toothpaste consistency is achieved. **DO NOT OVER MIX.** Allow mixture to stand for 5 minutes to allow the chemicals to slake, then restir and the product is ready for immediate use. **DO NOT ADD MORE WATER.** Which can weaken the joint, cause colour variation and shrinkage, cracks and pinholes. Discard mixed grout when it becomes too stiff to work and when not used within the pot life. Restirring may be necessary during the pot life of the product. When grouting over flexible substrates and immersed applications use a **CTA™** fortifying liquid admixture for superior performance.

APPLYING

Tiles should be fixed in accordance with Australian Standard AS3958.1 – 2007. Ensure the adhesive has adequately cured per the manufacturer's recommendation. Before commencing grouting remove all spacers, grout joints should be free of all loose debris, contaminants and excess adhesive mortar. Apply the mixed grout with a rubber squeegee or grout float, ensuring that the grout is worked well into the joints. Wash off excess grout from the face of the tiles with a damp small pore sponge in a circular motion when the grout joints have firmed. Smooth and level joints and remove excess grout. Do not spread more grout than can be cleaned within 30 minutes of the grout firming and use as little water as possible. Periodically change the wash water and rinse the sponge frequently. Do not allow excess grout to dry on the face of the tiles as this will be difficult to remove.

During hot or windy conditions, dampen the joints to prevent the grout from drying out too quickly. Allow the grout to dry for approximately 24 hours before removing the grout haze by polishing the tiles with a soft clean cloth. POLYBLEND™ G10 grout is only recommended for grout joints between 1.5mm and 10mm wide. For joints larger than 10mm use POLYBLEND™ G15 grout. For absorbent or porous tiles care must be taken to ensure the grout does not stain the tile. It is recommended that a test is carried out to verify that the tiles are suitable to be grouted with POLYBLEND™ G10. Discard any POLYBLEND™ G10 that has hardened or stiffened in the mixing bucket. Further addition of water will not reconstitute a useable mixture

DRYING

Allow grout to set for a minimum of 24 hours prior to allowing foot traffic. Do not grout if the temperature is likely to drop below 5°C or exceeds 35°C. For temperatures below 20°C allow the grout to set for an extended period of time.

CLEANING

Tools and equipment can be washed using clean water before the material has set.

INCORPORATING MOVEMENT JOINTS

Movement Joints must be installed according to Australian Standard AS3958.1 – 2007.

POT LIFE

2 hours at 23°C and 60% RH

Setting Time: 24 hours at 23°C and 60% RH

COVERAGE

Coverage will vary depending on tile size and joint width. Coverage may be reduced by waste, spillage and site conditions. 1kg of mixed grout will cover approximately 4sqm of 300mm x 300mm tiles with a 3mm joint. Please refer to the POLYBLEND™ coverage chart for further information.

STORING

When POLYBLEND™ G10 is stored in its original unopened package in a dry area at a temperature of 23°C and a relative humidity of 60%, it should be usable for approximately 12 months.

HANDLING

CTA™ supports best practice in material handling: gloves, mask, safety goggles and protective clothing should be worn. If the product comes into contact with the skin, wash off with warm soapy water. Avoid inhaling the dust by wearing a suitable dust mask and provide adequate ventilation.

PACK SIZE

Available in 10kg & 2.5kg bags

LIMITATIONS

- Only suitable for joints widths from 1.5mm to 10mm
- Do not apply the product in temperatures below 5°C and above 35°C
- For movement and expansion joints, use POLYBLEND™ S1 flexible silicone
- POLYBLEND™ G10 should be tested for possible staining or slight colour changes when used with porous, absorptive, rough textured tiles, natural stone or marble.
- Colours may be slightly different than shown on colour samples. When colour considerations are critical, a mock-up should be constructed prior to final selection and application.
- Shade variation and efflorescence are beyond the control of the manufacturer and are influenced by application technique, weather and site conditions
- Contact CTA™ for advice if further information is required.

WARRANTY

Construction Technologies Australia warrants its products for a period of twelve (12) years from the date of sale. Visit www.ctaust.com.au to view the full terms and conditions of this warranty.