

## Corrogrout CTG

Coloured, cementitious tile grout

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### Product Features

**Corrogrout CTG** is a pre-mixed and bagged blend of cement, fine fillers & special polymers to give a coloured, polymer modified, cementitious tile grout, for joints up to 5 mm around various types of tiles.

**Corrogrout CTG** is non metallic, free from chlorides, and available in a range colours and can be customised.

Compiles to ANSI 118.6, ANSI 118.7 and ANSI 108.02.

### Typical Uses

**Corrogrout CTG** is typically used for grouting tiles including ceramic, marble and mosaic tiles, internally and externally, to areas such as kitchens, bathrooms, lobbies, corridors, balconies & living or commercial areas.

It can also be used for grouting swimming pools, water tanks and other permanently submerged areas with the addition of **Corrobond SBR** (see separate data sheet).

Technical Data		
Properties	Test Standards	Typical Values
Density		: 1.80 kg/litre
Compressive strength, @ 28 days	BS EN 196-1 : 2005	: >30 N/mm <sup>2</sup>
Flexural strength @ 28 days		: > 3.5 N/mm <sup>2</sup>
Water ratio		: 32 - 34% (8 - 8.5 litres of water per 25 kg bag)
Pot life @ 20°C		: approx. 1 hour
Drying time @ 20°C		: approx. 3 hours
Curing time @ 20°C		: 24 hours

Note: All values given are subject to 5 - 10% tolerance.

### Directions for Use

#### Preparation

No special preparation is required before the application of **Corrogrout CTG**, however please ensure the surfaces to be grouted are clean and free from contamination such as dust, oil, grease & organic growth.

#### Priming

##### Concrete

Priming is not normally required however please ensure the substrate is clean, sound and free from contamination.

#### Mixing

It is essential that the mixing instructions are carefully followed to ensure the correct characteristics of the product are achieved.

Failure to do so can result in lower performance or even possible failure of the product.

Accurately measure 8 - 8.5 litres of drinking quality water and place in a suitable empty container with sufficient volume to accommodate the mixed material.

For grouting of swimming pools, water tanks and other permanently submerged areas, replace 1.0 litre of water with 1.0 litre of **Corrobond SBR** (see separate data sheet), and mix together prior to adding the powder.

Slowly add the powder to the water and mix continuously for 4 - 5 minutes using a slow speed drill and paddle or forced action mixer, until a homogenous consistency is achieved.

### Application

Work the mixed material into the tile joints using a rubber float, squeegee or scraper at 45° to the line of the joint.

Fill the joints completely removing any excess material, and using a damp sponge, wipe over the grout and tiles to remove residue.

Leave the **Corrogrout CTG** for 5 – 10 minutes before tooling it to a smooth finish, using a finger or tooling stick dipped in a mixture of water and a high concentration of washing up liquid.

Expansion joints must be reflected through the **Corrogrout CTG** and chosen finish, then preferably sealed with a sealant from the **Corroseal** range.

### Curing

Allow **Corrogrout CTG** to cure fully for 5 - 7 days before exposing to full environmental conditions.

### Hot Weather Conditions

For application above 40°C we recommend adopting the following guidelines:

Store unmixed materials in a cool preferably air conditioned environment.

Avoid exposure of mixed & unmixed materials to direct sunlight.

Use iced water for mixing.

Keep equipment that will be in contact with the product cool and away from direct sunlight.

Avoid application during the hottest time of day.

### Cleaning

Clean tools and equipment immediately after use with plain water.

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#### Limitations

Substrate temperatures should be above 5°C and rising.

For application in temperatures above 40°C please refer to hot weather condition recommendation.

Avoid application if the work area may be subject to the onset of rain or moving water.

Colour fading may occur in areas subject to prolonged UV exposure however the performance of the material will not be affected.

**Corrogrout ETG** (see separate data sheet) should be used if the area to be grouted is exposed to chemicals.

All products should be used within the pot life. Materials not used within the specified time should be discarded.

#### Estimating

**Corrogrout CTG** pack size: 25 kgs. Coverage rate as per table below:

Approximate quantity of Corrogrout CTG required: kg /m <sup>2</sup>					
Bed Depth		4 mm		6 mm	
Joint Width		2 mm	3 mm	2 mm	3 mm
Tile Size (mm)	75 x 75	0.35	0.53	0.53	0.79
	75 x 150	0.27	0.4	0.4	0.59
	150 x 150	0.18	0.27	0.27	0.4
	200 x 200	0.14	0.2	0.2	0.3
	300 x 300	0.1	0.14	0.14	0.2

All coverage rates given are theoretical and subject to actual site conditions. We recommend trial areas are done to establish practical consumption particularly for primers.

#### Health & safety

Always use appropriate PPE including gloves, goggles and a barrier cream to avoid contact with skin and eyes.

Should contact with skin or eyes occur, wash immediately with plenty of clean water and seek medical advice.

If swallowed, seek medical attention immediately. Do not induce vomiting.

Avoid inhalation and ensure adequate ventilation or suitable respiratory equipment if working in confined spaces.

Do not expose products to fire or naked flames under any circumstances.

Always refer to the product Material Safety Data Sheet (MSDS) for full health & safety and handling recommendations.

#### Storage

**Corrogrout CTG** has a maximum shelf life of 12 months from the date of manufacture.

To maximize shelf life always store products in their original, unopened packaging in a dry environment, away from direct sunlight with a minimum temperature of 10°C but not exceeding 35°C.

Damaged packaging, high humidity or extreme temperatures may reduce the shelf life.