



# CL – BOND G12

## FLEXIBLE CEMENTITIOUS TILE ADHESIVE (GREY)

### DESCRIPTION

**CL-BOND G12** is a flexible and high strength grey coloured premixed dry set cementitious adhesive containing selected polymer and fillers, formulated with high adhesion strength as well as good workability. Suitable for interior and/or exterior fixing of absorptive and non-absorptive wall and floor tiles.

### FIXES

- Marble / Granite
- Porcelain / Homogenous / Ceramic / Mosaics tiles
- Stones materials and others

### FEATURES

- Flexible, non-rigid
- Superior bonding strength
- Excellent workability
- Durable
- Ready to use

### TEST CERTIFICATES

- Sirim Malaysia

### TECHNICAL INFORMATION

Classification	: C2TE S1
Initial Tensile Adhesion Strength	: $\geq 1.8 \text{ N/mm}^2$ @ 28 day (BS EN 12004-2:2017)
Deformity (EN12002:2002)	: $> 2.5 \text{ mm}$
Working Time	: 40 – 60 min depending on climatic conditions
Initial Set Time	: 4 – 5 hrs
Final Set Time	: 5 – 6 hrs

### MIXING

Use clean and potable water for mixing. Mix in the proportion of 25kg of CL-Bond G12 with 6.25 – 6.5 litre of water. Add adhesive to water and mix thoroughly until a slump-free mix is obtained. Let it stand for 5 minutes, then remix. After slaking period, do not add water or other ingredients. During use, remix occasionally.

Alternatively, CL-Bond G12 can be used in conjunction with CN-Flex 1000 latex admixture to enhance and increase flexural, bonding and shear strengths where critical application is required, especially when installing on the wall.

For wet areas as well as water submerged areas such as swimming pools, CL-Bond G12 can be used with CL-Flex 303 to enhance the water resistance requirement.

### SPREADING THE MIX

Prior to spreading the mix, do not soak marble or tile backing surface. Dampen dry backing only to achieve cure.

Do not spread the mix to surface that contains frost. It should be floated with pressure over an area not greater than can be covered with marble / tile while the mix remained plastic.

Spread the mix on the surface using a notched trowel to a depth of 5-6mm at approximately 1 – 2 sq. meter at one time. Comb with the notched trowel to obtain continuous horizontal ribs of adhesive. Ensure that the adhesive is wet when tiles are laid.

### INSTALLATING TILE

Immediately press tile freshly combed adhesive. To obtain adequate contact between tile and adhesive bed, tap and beat the tile so that no void occur within the adhesive.

For rib back tile, trowel a layer of adhesive on the back of tile to obtain full contact prior to placing the tile on the adhesive bed.

Do not place tile on adhesive bed that had been set, remove and discard old adhesive. Tapping and wetting of the tile will not provide bonding of adhesive that had been set too long.

### GROUTING

Do not grout until tile is firmly set and restrict all traffic and other works for a minimum of 24 hours on floor installation.

### COVERAGE

Approximately 3 kg per sq m on a 3 mm bed. Recommended thickness is 3 – 8mm depending on tile size.

### SHELF LIFE

12 months in unopened bag, stored in cool and dry place.

### PACKING

Available in 25kg bag.

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Disclaimer: Specification are subject to change without notification.

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