



# CL – BOND G1

## CEMENTITIOUS TILE ADHESIVE (GREY)

### DESCRIPTION

**CL-BOND G1** is a superiorly formulated grey coloured premixed dry set cementitious adhesive with excellent workability, extended working time and cost economy 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

- Excellent workability
- Good bonding strength
- Durable
- Ready to use

### TEST CERTIFICATES

- Sirim Malaysia

### TECHNICAL INFORMATION

Classification	: C1T
Initial Tensile Adhesion Strength (BS EN 12004-2:2017)	: $\geq 1 \text{ N/mm}^2$ @ 28day
Working Time	: 1 hr depending on climatic conditions
Initial Set Time	: 4 – 7 hrs
Final Set Time	: 7 – 10 hrs

### MIXING

Use clean and potable water for mixing. Mix in the proportion of 25kg of CL-Bond G1 with 6.25 – 6.5 litre of water (or 20kg of CL-BOND G1 with 5.0 – 5.25 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 G1 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 for wall installation as well as affixing homogenous and other less absorptive tiles.

For wet areas as well as water submerged areas such as swimming pools, CL-Bond G1 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 20kg and 25 kg bag.

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Disclaimer: Specification are subject to change without notification.

 CLP since 1947  
HQ/SINGAPORE : CLP INTERNATIONAL PTE LTD  
CHIN LEONG CONSTRUCTION SYSTEMS PTE LTD  
TEL : +65-2769 5633  
FAX : +65-2769 5612  
Email : chinleong@clp.com.sg

**MALAYSIA : CLP CONSTRUCTION SYSTEMS SDN BHD**  
**SELANGOR** TEL : +60-3-3176 5099  
TEL : +60-6-263 1677 /  
FAX : +60-3-3176 2797 +60-6-225 0540  
Email : clp@clp.com.my

**JOHOR**  
TEL : +60-7-252 5385  
FAX : +60-7-252 5391

**KEDAH**  
TEL : +60-4-489 3066  
Fax : +60-4-489 1877

**PERAK**  
TEL : +60-5-292 6986 / 6976  
FAX : +60-5-292 6936

**INDONESIA :**  
**PT RANGALO CLP**  
TEL : +62-21-581 3951  
FAX : +62-21-581 3950  
Email : rangalo@cbn.net.id

**PT-CLP INDONESIA**  
TEL : +62-21-2931 5121  
FAX : +62-21-2931 5133 / 28  
Email : info@clpindo.com

**THAILAND :**  
**CLPI (THAILAND) CO LTD**  
TEL : +66-2769 5633  
FAX : +66-2769 5612  
Email : clpi@ksc.th.com

**VIETNAM :**  
**CLPI VIETNAM CO LTD**  
TEL : +84-8-3526 1033  
FAX : +84-8-3526 1032  
Email : sales@clp.com.vn

**TAIWAN :**  
**SIHTACO CO LTD**  
TEL : +886-2-2791 8539  
FAX : +886-2-8192 6248  
Email : Alice.Lee@sihtaco.com.tw  
Michael.Ku@sihtaco.com.tw

**HONG KONG :**  
**CHIN LEONG INTERNATIONAL CO LTD**  
**LAMERTON ASIA HOLDING LTD**  
TEL : +852-2542 2206  
FAX : +852-2544 9563  
Email : chinleong@chinleong.com.hk

**CHINA :**  
**LAMERTON CHEMICAL (SHANGHAI) CO LTD**  
**SHANGHAI**  
TEL : +86-21-5830 7559  
FAX : +86-21-6840 7408

**ZHONG SHAN SOUTH ASIA CHEMICAL LTD**  
**ZHONG SHAN**  
TEL : +86-760-8554 4111  
FAX : +86-760-8554 4113