

INSTALLATION GUIDE BIG FORMAT TILES

คู่มือแนะนำการติดตั้ง สำหรับกระเบื้องแผ่นใหญ่

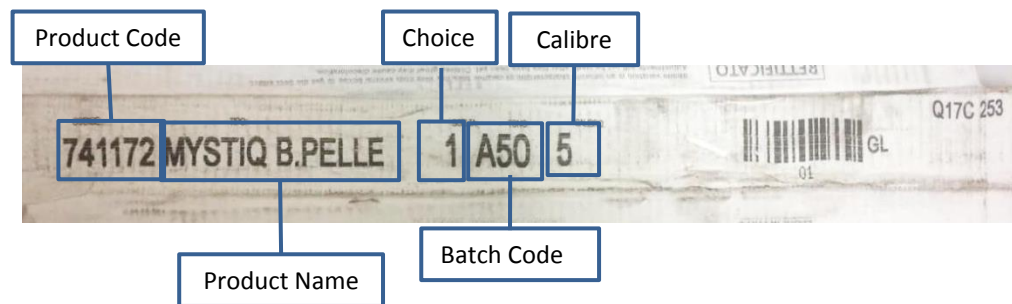


INSTALLATION GUIDE

COTTO ITALIA COLLECTION

The tiles for installation in a certain area should be in the same series and batch. Thus, before the installation, follow the instruction below:

1. Check the product name and batch indicated on the box.



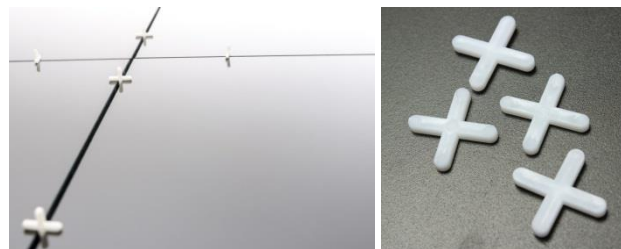
**** The actual size (working size) of COTTO Italia Collection is -3mm.**

e.g. The actual size of 40X80cm tile is 397X797mm.

2. Recommended minimum grout joint space is 2 mm.
Minimum grout joint space depends on type of tiles, the recommended width for each type is as follows:

Type of Tiles	Minimum grout joint space
Wall Tile	2 mm
Rectified Tile	2 mm
Floor Tile (Non-rectified)	3 mm

For modular pattern, the recommended grout joint is 3 mm.



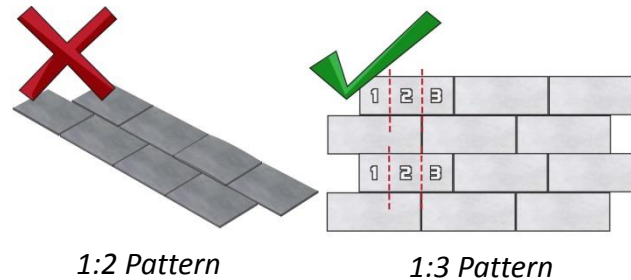
*** Tile spacers are recommended.**

INSTALLATION GUIDE

COTTO ITALIA COLLECTION

The tiles for installation in a certain area should be in the same series and batch. Thus, before the installation, follow the instruction below:

3. Tiles should be installed in grid pattern. Avoid brick pattern (1:2), but if it is necessary, 1:3 pattern should be applied.



4. Consider functions of the area before choosing tile adhesive.



- *General area* (floor and wall): Bonding strength of the adhesive should not be less than 0.8 N/mm.
- *Swimming pool*: Special tile adhesive and grout for swimming pool or epoxy is highly recommended.
- *Particular area* such as high-vibration area or area with rapid temperature change: Consult an expert before choosing the material.

INSTALLATION GUIDE

COTTO ITALIA COLLECTION

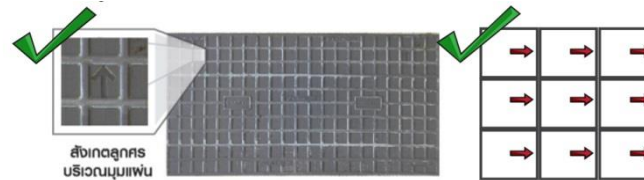
The tiles for installation in a certain area should be in the same series and batch. Thus, before the installation, follow the instruction below:

5. To install tiles on a wall, follow the recommendations below:

- 0-3m high: Use tile adhesive with high bonding strength by applying Sandwich Technique, or applying the adhesive on the substrate and the tiles.
- More than 3m high: For long-term safety, Mechanical or Cladding System is highly recommended.

6. Tools and equipment should specifically match the size of tiles. For safety, please check the product manual with manufacturer.

7. Lay the tiles in the same direction as indicated by the arrow at the back of the tiles.



8. Do not mark or write anything on the surface of the tiles as they will leave stains which are hard to remove.

9. Check the substrate before installing.

- For new substrate, if it needs to be leveled, the level of the surface should not differ more than 3mm. The substrate must be clean – no dust and oil.
- For old substrate (e.g. painted substrate or rubber tiles), it should be removed and cleaned before installation.

* To install over existing tiles, please check if they are still attached. If they are peeled off, the substrate should be fixed before installation. Also consider the type of adhesive.

INSTALLATION GUIDE

COTTO ITALIA COLLECTION

The tiles for installation in a certain area should be in the same series and batch. Thus, before the installation, follow the instruction below:

10. Variation of pattern



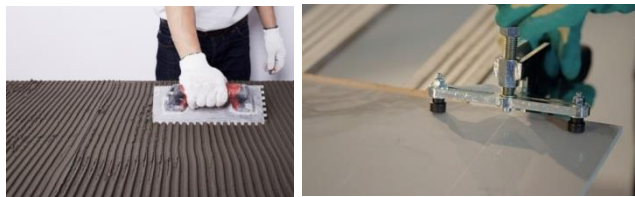
**The pattern variation of COTTO Italia collection*

Each piece and boxes of COTTO tiles has variation of pattern and surface. The variation results from the design and automated production process that aim for the most realistic and natural look of the tiles. Customers can install the tiles right after unpacking; dry laying is not required.

However, each series of COTTO tiles has different level of variation. Please see the product catalogs or visit www.cotto.com for further information.

11. The size of notched trowel recommended for COTTO Italia Collection is C20. The thickness of tiles adhesive after pressing is 4-6 mm.

12. To cut COTTO Italia tiles, proper tools and equipment are required.



**(Left) Use a proper notched trowel for big format tile.*

(Right) Equipment for cutting big format tile.

INSTALLATION GUIDE

COTTO ITALIA COLLECTION

Suggestion for installing COTTO Italia Collection tiles:

1. Check the flatness of the substrate. (The difference should be less than 3mm). If the substrate is not flat, it should be leveled before installation.
2. Mark the starting point of the installation by considering the position where odd tiles would be installed. Generally, it is designated by the odd tiles and visible area, or marked by a designer.
3. Start installing from the marked starting point. Always check the level and flatness of the tile surface and grout joints.
4. Wet process (using tile adhesive) is recommended by applying the Sandwich Technique – Use U20 notched trowel on the substrate and V3 notched trowel on the back of the tiles. Move the tiles to lay on the substrate by using tile handlers. To handle the tiles, at least 2 people is recommended.



- For tiles larger than 60X60 cm (24"X24"), the leveling equipment is highly recommended as it will help flatten the surface and space the grout joints simultaneously.
- To install the first row on the wall, Wall Leveling Guide is recommended to prevent any damages resulting from moving tiles while the tile adhesive is drying.

INSTALLATION GUIDE

COTTO ITALIA COLLECTION

Suggestion for installing COTTO Italia Collection tiles:

5. Gently knock the tiles by using rubber hammer or use vibrator to enhance the bonding between the tiles and substrate.



6. Always clean the tiles and grout joints while installing.



7. It is recommended to fill in the odd tiles 1 day after installing the main area.
8. Apply the grout 1 day after the installation to let the tile adhesive dry. The surface of the tile and grout joints should be cleaned before grouting.
9. Use a rubber trowel or float to spread the grout across the tiles at 45 degree angle to get it in between each tile. Always wipe away the excess grout before it dry.
10. Let the tile adhesive dry completely for 7 days before cleaning and using the area.

INSTALLATION GUIDE

COTTO ITALIA COLLECTION

Suggestion for installing COTTO Italia Collection tiles:

**** For surface R11 tiles,** tile adhesive and grout may easily stain on their rough or structured surface. To clean the tiles, after leaving the grout to dry for 1 day, apply cement remover chemicals such as Deterdek to clean adhesive and grout stain from the surface.



**Example of R11 surface of
COTTO Italia Collection*



**Cement Remover chemicals: FILA Deterdek*

INSTALLATION GUIDE

COTTO ITALIA COLLECTION



▪ EXPERT ▪ MODERN ▪ TRUSTFUL

www.cotto.com

บริษัท เซรามิคอุตสาหกรรมไทย จำกัด
1 ถนนวิภาวดีรังสิต แขวงจตุจักร กรุงเทพฯ 10800



Last update: 9/1/2017

COTTO