



## ■ Product Description:

-Floor and wall tiles are made of cement and composed of two layers: Wear layer or colored layer and tile body.

## ■ Product Components:

### A. Wear Layer or Color layer

3-5 mm thickness affixed to the tile body by 1,500-1,700 PSI mechanical pressure. The layer is composed of:

- White Portland Cement
- Marble Dust
- Silica Sand
- Mineral Pigments for Color (i.e. Iron, Cobalt and Chromium Oxides)

### B. Tile Body

10–13 mm in thickness, this part of the tile is composed of:

- Gray Portland Cement
- Sand

## ■ Standard Dimensions:

- 200x200x16 mm (7-7/8" x 7-7/8")
- 1.35 kg/tile (2.98 lbs)
- 25 tiles/m<sup>2</sup> (2.32 tiles per sqf)
- 33.75 kg/m<sup>2</sup> (6.91 lbs/sqf)

## ■ Manufacturing Tolerance:

For 200x200x16 mm tile: (7-7/8" x 7-7/8" x 5/8")

- Length/width: +/- 0.2 mm
- Height: 0.5mm

## ■ Average Coefficient of Friction on Raw Tiles:

ASTM C1028-07 Standard Test Method for Determining Static Coefficient of Friction

- Dry Surface = 0.89
- Wet Surface = 0.65

## ■ ANSI A137.1 Dynamic Coefficient of Friction Test on Sealed Tiles:

- Wet Surface = 0.44

\*Tested on tiles with commercial grade sealant (JFB Hart HP300) by  
*TorTest Floor Friction Testing Service*  
*Sotter Engineering Corporation Consultants*