



■ 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: Manufacturing Tolerance:

- | | |
|------------------------------------------------|--------------------------------------------------|
| □ Square | □ Hex |
| □ 200x200x12 mm (7-7/8" x 7-7/8") | □ 230x200x12 mm (9" x 7-7/8") |
| □ 1.2 kg/tile (2.65 lbs) | □ 0.95 kg/tile (2.09 lbs) |
| □ 25 tiles/m ² (2.32 tiles per sqf) | □ 28.9 tiles/m ² (2.68 tiles per sqf) |

■ Manufacturing Tolerance:

For 200x200x12 mm tile: (7-7/8" x 7-7/8" x 1/2")

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

■ Average Static Coefficient of Friction on Raw Tiles:

- Dry Surface = 0.89 (using ASTM C1028-07)
- Wet Surface = 0.65 (using ASTM C1028-07)

■ Average Dynamic Coefficient of Friction (DCoF) on Sealed Tiles:

- Wet Surface = 0.36 (using ANSI A326.3 on VLT NanoSealant)
- Wet Surface = 0.44 (using ANSI A137.1 on HP300)
- Wet Surface = 0.53 (using ANSI A326.3 on FilaFOB)