

## CEMENT TILE SPECIFICATIONS

### Product Description

Hydraulic pressed handmade cement tiles

### Product Components

A. Wear colored layer: 3 to 4 mm +/- thickness affixed to the tile body by 1,700 PSI mechanical pressure, composed of: white portland cement, marble dust and mineral pigments for color (oxides and organic)

B. Tile Body: 12 mm +/- in thickness, composed of: gray portland cement & sand

Dimensions: 20 cm x 20 cm x 1.60 cm +/- (8" x 8" x 5/8")

· 1.3 kg / tile (3.00 lbs) +/-

· 32.5 kg/m<sup>2</sup> (6.53 lbs/sqf) +/-

### Average Coefficient of Friction

· Unpolished / dry: 0.88 – Polished / dry: 0.83

· Unpolished / wet: 0.92 – Polished / wet: 0.68

### Abrasiveness: (scratch-resistance)

3 to 4 Mohs - approximately same as Black Marble

### Freeze/Thaw Resistance

Like concrete, untreated cement tiles are not resistant to freeze/thaw cycles and should be protected with penetrating sealer and a second coat of a sealer based in acrylic.

### Acid Resistance

Cement tiles are not resistant to acids and should be cleaned with pH neutral cleaners.

### Use in Wet areas

A high quality effective sealant must be used for shower, spa, or pool use.

Water absorption test: 9.5 to 10.5%