

# CONCRETE TILE TECHNICAL CHARACTERISTICS

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<b>PRODUCTION TOLERANCES</b>	Length / width: +/- 0.5mm Thickness: +/-1mm
<b>ABRASION RESISTANCE</b>	<b>10.8</b> (Norm NM 10.6.002 : ≤32)
<b>WATER ABSORPTION</b>	<b>4.3%</b> (Norm N10-6-001 : ≤7%)
<b>SLIP RESISTANCE</b>	<b>0.65</b> (Norm DCOF : ≥ 0.50) Dynamic Coefficient of Friction, If DCOF is greater than 0.50 for inclined surfaces and 0.45 for level surfaces, it is considered High Traction.
<b>FLEXURAL RESISTANCE:</b>	<b>171 bars</b> (Norm NM 10-6-001 : ≥60 bars)
<b>ACID RESISTANCE</b>	Concrete tiles are not acid resistant. They should be cleaned only with pH neutral cleaning products.
<b>FREEZE / THAW TOLERANCE</b>	Concrete tiles are porous and when exposed to freeze/thaw, the repeated contraction and expansion can cause micro-cracking on the surface of the tiles. For this reason, we do not recommend their use in exertion environments where there are freeze/thaw conditions.
<b>RECYCLED CONTENT</b>	Pre-consumer recycled content: 50% Post-consumer recycled content: 0% Raw materials extraction location: Marrakech region, Morocco* Manufacturing location: Marrakech, Morocco
<b>COMPOSITION</b>	Our tiles are handmade in Morocco from a mixture of Portland cement, marble powder, silica fume, pigments (inorganic and chemical) and several strengthening additives. The tiles are pressed using a hydraulic press. They are cured over a 2-3 week period (cement tiles gain strength from air curing versus ceramic tiles which are fired). Our Portland cement and marble powder are sourced locally, *The pigments, which make up about 1% of the tile, are imported from Belgium. Additional additives comprise less than 1% of the tile.
<b>ECO-FRIENDLY</b>	We use reclaimed and filtered rainwater. Our workers' showers are heated with solar hot water. Very little energy is used in the production of the tiles. The boxes in which our tiles are packaged are made from recycled and recyclable paper. There are no toxic chemicals - asbestos, lead, etc... in our tiles. The tiles are sealed with a water-based penetrating sealant at our factory before being boxed and shipped. We meet Ethical Trading standards.