

**Specifications for Cement Concrete Chequered Tiles of size (Sizes : 250x250x25mm, 300x300x30mm, 400x400x34mm)**

Supply of High Strength and high wear resistant Cement Concrete Chequered Tiles with high finish with

- wear resistant aggregates colour coordinated aggregates in face mix,
- Colours specified by the architects, using UV resistant colour Pigments from Bayferrox.

<b>Parameters</b>	<b>Minimum Requirements (Testing as per IS 13801:1993)</b>
1 Percentage Water Absorption	Not over 7.5%
2 Wet transverse strength	Not less than 5.5N/mm <sup>2</sup>
3 Average wear in Thickness-Abrasion	Average wear not more than 2mm
4 Size (length + breadth)	<0.5mm
5 Thickness of wearing layer	Not less than 8mm
6 Variation in Thickness of tiles	Variation not to exceed 3mm
7 Flatness of tile surface	Concavity / convexity not to exceed 0.5mm
8 Colours	UV Light resistant fast colours from BAYFERROX only to be used min 3% to be used

- The Chequered Tiles must confirm to IS 13801: 1993.
- The Tiles must be manufactured on automatic machines with mechanical vibration and rubberized moulds.
- The manufacturing company must be an ISO 9001:2000 certified Company or should have equivalent quality management systems in place to ensure quality product.
- The Tiles will be made using wear resistant materials in the face mix as specified by the architects.
- The Tiles must be cured in controlled environment to ensure efflorescence free material.
- The manufacturer must have in house testing laboratory to carry out all testing including Compressive strength testing, Water absorption, abrasion resistance etc.