

Specifications for 75 mm thick Concrete Paving Blocks- Rumbles (Wet Cast) for Pedestrian and light vehicular traffic and occasional heavy vehicle allowed.

Supply of Reflective Type (Wet Cast) finish Concrete Rumbler blocks of **VYARA** make, with

- wear resistant aggregates colour coordinated aggregates in face mix.
- Colours specified by the architects, using UV resistant color pigments from Lanxess.
- supplied with two coats of UV resistant acrylic lacquer coating

Sr.	Parameters	Minimum Requirements
1.	Percentage Water Absorption	Average not over 6%
2.	Tolerance in size (length + breadth)	197*197, ± 2 mm
3.	Thickness of wearing layer	Not less than 5mm
4.	Tolerance in Thickness of block	75 mm ± 3mm
5.	Colours	UV Light resistant fast colours from Lanxess only to be used.

- The manufacturing company must be an ISO 9001:2015 certified Company or should have equivalent quality management systems in place to ensure quality product.
- The Concrete Paving blocks must meet the sustainability criteria and should be certified as a green product by CII.
- The Concrete Paving_blocks will be made using wear resistant materials and pigments in the face mix as specified by the architects.
- The Concrete Paving_blocks must be cured in a controlled environment to ensure efflorescence free material.
- Compaction of moulds should be done by mechanical vibrators. The vibrator should vibrate in both horizontal & vertical directions simultaneously. Mould should be retained minimum 1&1/2 minutes on table type vibrator's platform.
- The manufacturer must have in house testing laboratory to carry out all testing including Compressive strength testing, Water absorption, abrasion resistance etc.