

Specifications for Combination Concrete Cobbles
Modula Design

Supply of Solid Concrete Combination Cobbles in “Modula Design”, of VYARA make, with Shot blasted surface, colours specified by the architects, with 2 coats of acrylic coating and modules as per modules given below:

Nominal sizes in mm

100*100

100*200

200*200

300*200(only for pedestrian areas)

Sr.	Parameters	Minimum Requirements
1.	Percentage Water Absorption	Average not over 4.5%
2.	Compressive strength	Average not less than 250Kg/cm ² for 100*100 size and not less than 450 kg/cm ² for other sizes
3.	Average wear in Thickness- Abrasion	Average wear not more than 2mm
4.	Tolerance in size (length + breadth)	± 1.5mm
5.	Thickness of wearing layer	Not less than 5mm
6.	Tolerance in Thickness of block	± 3mm
7.	Colours	UV Light resistant fast colours from Lanxess only to be used min 3% to be used

- The blocks must be manufactured on Vibropress type machine only. The manufacturer must demonstrate feeding of material into the machines by automatic batching plants with capacity of min 30 m³/hr.
- The manufacturing company must be an ISO 9001:2008 certified Company or should have equivalent quality management systems in place to ensure quality product.
- The blocks will be made using wear resistant materials in the face mix as specified by the architects.
- The colours of the blocks (wearing layer) will be as selected by the architects.
- The blocks 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.

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