

## Specifications for Flagstones

Supply of Flagstones of VYARA make of various sizes

- in Plain/ Shotblasted/ Honed finish
- **Optional:** Premier Shield integral and topcoat treatment for satin finish, water and oil repellence, reduction of algae, moss and efflorescence formation.
- With 6mm granolithic face mix
- color approved by the architects
- conforming to requirements of EN 1339:2003

Sr.	Parameters	Minimum Requirements
1.	Size (mm)	400*400*60 or 300*300*60 or 600*300*60 450*300*60mm. Tolerance in size will be $\pm 2$ mm over size declared by the manufacturer.
2.	Thickness (mm)	60mm $\pm 3$ mm
3.	Color / Finish Options	As approved by the architects
4.	Water absorption:	Class B as per EN 1339:2003 i.e. < 6%
5.	Strength Grade	Class B as per EN 1339:2003- Characteristic Bending Strength > 4 MPa
6.	Abrasion resistance	Class I as per EN 1339:2003 i.e. < 18000mm <sup>2</sup> /5000mm <sup>2</sup>
6.	Thickness of wearing layer	Not less than 8mm
7.	Tolerance in Thickness of block	$\pm 3$ mm
8.	Colours	UV Light resistant fast colours from Lanxess only to be used

- The Flagstone material must be tested at the manufacturer's laboratory before dispatch for: Bending strength, Water absorption, and dimensional accuracy. Internal test report needed with every supply.
- 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 Flagstones must meet the sustainability criteria and should be certified as a green product by CII.
- The Flags will be made using wear resistant materials in the face mix as specified by the architects.
- The colours of the Flags (wearing layer) will be as selected by the architects.

- The Flags must be cured in a controlled environment to ensure efflorescence free material.
- The manufacturer must have in house testing laboratory to carry out all testing including Bending strength testing, Water absorption, abrasion resistance etc.