

### **Specifications for Flagstones with Granamexx finish**

Supply of Flagstones of VYARA make of various sizes in Granamexx finish with Shotblasted texture and Premier Shield protection (integral and topcoat treatment)

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

| <b>Sr.</b> | <b>Parameters</b>               | <b>Minimum Requirements</b>   |
|------------|---------------------------------|---|
| 1.         | Size (mm)                       | 400*400*60 or 300*300*60 or 600*300 or 450*300 Tolerance in size will be $\pm 2$ mm over size declared by the manufacturer. |
| 2.         | Thickness (mm)                  | 60 mm ( $\pm 3$ 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 3 as per EN 1339:2003 - Characteristic Bending Strength > 4 MPa   |
| 6.         | Abrasion resistance             | Class I as per EN 1339:2003 – ie < 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 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.