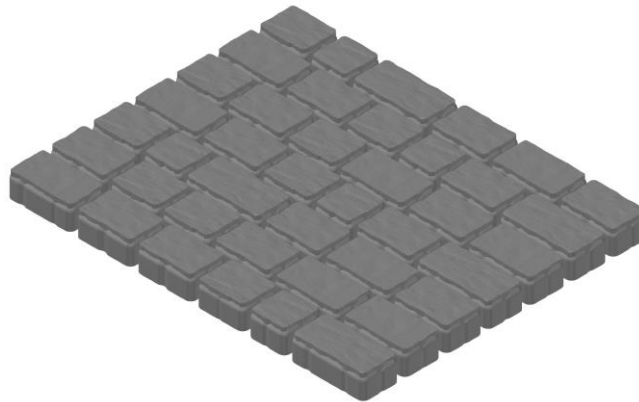


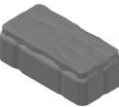



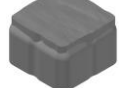
**Specifications for Modular Paving Stones- Rustico in 70mm thickness-
with Premier Shield protection (Integral and top coat treatment)**

Supply of Solid Concrete Modular Paving Stones in “Rustico Design”, of VYARA make in 70mm thickness with five different sizes of paving stones

- with undulated surface, colours specified by the architects
- using UV resistant color pigments from Lanxess.
- wear resistant color coordinated aggregates.
- Premier Shield integral and topcoat treatment for satin finish, water and oil repellence, reduction of algae, moss and efflorescence formation
- modules as per drawing given below.



Rustico 70 mm thick module layout

Stone Type	Image	Size in mm	Pieces per 42-piece Module (Ratio)
Type01/ A		220*110*70	5
Type02/ B		190*110*70	9
Type03/ C		165*110*70	14
Type04/ D		140*110*70	9
Type05/ E		110*110*70	5



Sr.	Parameters	Requirements
1.	Percentage Water Absorption	Average not over 4.5%
2.	Compressive strength	Average not less than 400 Kg/cm ²
3.	Tensile Splitting Strength (as per EN 1338)	Average not less than 3 MPa
4.	Average wear in Thickness- Abrasion	Conforming to Grade 'H' of EN 1338
5.	Thickness /Tolerance in size (length +breadth)	70mm / (± 2mm)
6.	Thickness of wearing layer	Not less than 5mm
7.	Colours	UV Light resistant fast colours from Lanxess only to be used
8.	Sealant	Two coats of Acrylic Coat- Solvent free

- The Paving Stones must be manufactured on Vibropress type machine only. The manufacturer must demonstrate the feeding of material into the machines by automatic batching plants with capacity of min 30 m³/hr.
- The manufacturing company must be an ISO 9001:2015 certified Company.
- The Paving Stones must meet the sustainability criteria and should be certified as a green product by CII.
- The Paving Stones will be made using wear resistant materials in the face mix as specified by the architects.
- The colours and blends of the Paving Stones (wearing layer) will be as selected by the architects.
- The Paving Stones must be supplied to site in an **efflorescence free condition**.
- The manufacturer must have in house testing laboratory to carry out all testing including splitting tensile, Compressive strength testing, Water absorption, abrasion resistance etc.