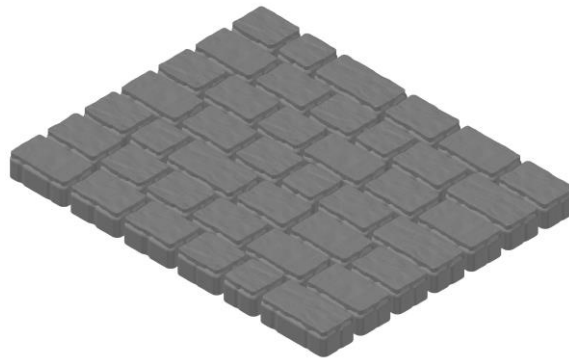


Technical Specifications for Modular Paving Stones – RUSTICO in 70mm Thickness in Mélange Series with Premier Shield Protection (Integral and topcoat treatment)

Product Description

Supply of Solid Modular Paving Stones in “Rustico Design-Mélange Series”, of VYARA make, 70mm thick, comprising:

- In 2-3 colour blends, with colours and blend combinations as specified by the architects
- Five different sizes of paving stones with undulated surface
- UV-resistant colour pigments from Lanxess or approved, in colours as specified by the architect
- Wear-resistant, colour-coordinated aggregates
- Premier Shield integral and topcoat treatment for satin finish, water and oil repellence, and reduction of algae, moss, and efflorescence formation
- Modular configuration as per the drawing provided below



Rustico 70 mm Thick Module Layout

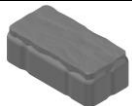






Vyara Tiles Limited

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Rustico Stone Sizes

Stone Type	Image	Size in mm	Pieces per 42-piece Module (Ratio)
Type01/ A		220 x110 x 70	5
Type02/ B		190 x 110 x 70	9
Type03/ C		165 x 110 x 70	14
Type04/ D		140 x 110 x 70	9
Type05/ E		110 x 110 x 70	5

Technical Parameters

Sr.	Parameters	Minimum Requirements
1.	Size (mm)	220x110x70, 190x110x70, 165x110x70, 140x110x70, 110x110x70
2.	Tolerance in Size (Length & Breadth)	±2 mm
3.	Thickness (mm)	70 mm ±3 mm
4.	Thickness of Wearing Layer	Not less than 6 mm
5.	Water Absorption	Average not over 5%
6.	Compressive Strength	Average ≥ 39.13 MPa
7.	Flexural Strength	Average ≥ 3.85 MPa
8.	Abrasion Resistance	Average ≤ 18000 mm ³ /5000 mm ²
9.	Colour	UV Light resistant fast colours from Lanxess or approved only to be used
10.	Sealant	Two coats of Acrylic Coat- Solvent free

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Manufacturing & Quality Assurance

Manufacturing Process:

- The paving blocks 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 paving blocks must be cured in a controlled environment to ensure efflorescence free material.

Quality Certifications:

The manufacturer must be ISO 9001:2015 certified or have equivalent quality management systems in place to ensure quality product.

Sustainability Requirements:

The product must meet the sustainability criteria and should be certified as a green product (GreenPro) by CII.

Testing Facilities:

The manufacturer must have an in-house laboratory equipped to perform these tests:
Water Absorption | Compressive Strength | Flexural Strength | Abrasion Resistance