

Technical Specifications for EcoPave- CUBIST

Product Description

Supply of EcoPave “Cubist”, size 450 x 300 x 120 mm thick, of VYARA make, comprising:

- UV-resistant colour pigments from Lanxess or approved, in colours as specified by the architect
- Wear-resistant, colour-coordinated aggregates for enhanced surface durability and visual uniformity
- Design as per the image provided below



Technical Parameters

Sr.	Parameters	Minimum Requirements
1.	Size (mm)	450 x 300 x 120 mm
2.	Tolerance in Size (Length & Breadth)	±3 mm
3.	Thickness (mm)	120 mm ±4 mm
4.	Thickness of Wearing Layer	Not less than 6 mm
5.	Water Absorption	Average not over 6%
6.	Compressive Strength	Average ≥ 29.13 MPa
7.	Colour	UV Light resistant fast colours from Lanxess or approved only to be used

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