

## Technical Specifications for WC EcoPave- TURF Paver in 80mm Thickness

### Product Description

Supply of Wet Cast “Turf”, size 250 x 250 x 80 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
	Size (mm)	250 x 250 x 80
1.	Tolerance in Size (Length & Breadth)	±2 mm
2.	Thickness (mm)	80 mm ±3 mm
3.	Thickness of Wearing Layer	Not less than 6 mm
4.	Water Absorption	Average not over 5%
5.	Compressive Strength	Average ≥ 39.13 MPa
6.	Flexural Strength	Average ≥ 3.85 MPa
7.	Abrasion Resistance	Average ≤ 18000 mm <sup>3</sup> /5000 mm <sup>2</sup>
8.	Colour	UV Light resistant fast colours from Lanxess or approved only to be used

## **Manufacturing & Quality Assurance**

### Manufacturing Process:

- The paving blocks must be wet cast in elastomeric rubber moulds only.
- 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