

## **Technical Specifications for 80 mm Thick STRADA Concrete Paving Blocks in Shotblasted Finish**

### **Product Description**

Supply of high-strength, high-finish Strada Concrete Paving Blocks, 80 mm thick, of VYARA make, comprising:

- Shotblasted Texture
- Four different sizes of paving blocks
- UV-resistant colour pigments from Lanxess or approved, in colours as specified by the architect
- Wear-resistant, colour-coordinated aggregates
- **Optional:** 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



**Strada 450mmX400mm**



**Technical Parameters**

Sr.	Parameters	Minimum Requirements
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 ≥ 44.13 MPa
6.	Flexural Strength	Average ≥ 4.40 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 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 m<sup>3</sup>/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

