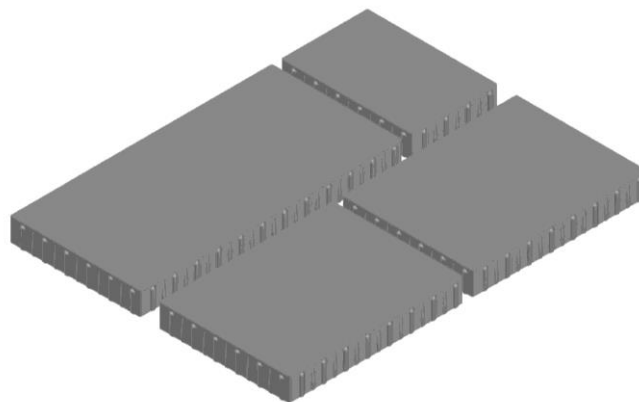


Technical Specifications for Modular Paving Stones – MAXIPAVE in 65mm Thickness with Premier Shield Protection **(Integral and topcoat treatment)**

Product Description

Supply of Solid Modular Paving Stones in “MaxiPave Design”, of VYARA make, 65 mm thick, comprising:

- Three different sizes of paving stones
- UV-resistant colour pigments from Lanxess, 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



Technical Parameters

Sr.	Parameters	Minimum Requirements
1.	Size (mm)	750x375x65, 500x375x65, 375x250x65 mm.
2.	Tolerance in Size (Length & Breadth)	±2 mm
3.	Thickness (mm)	65 mm ±3 mm
4.	Thickness of Wearing Layer	Not less than 6 mm
5.	Abrasion Resistance	Average $\leq 18000 \text{ mm}^3/5000 \text{ mm}^2$
6.	Flexural Strength	Average $\geq 4 \text{ MPa}$
7.	Water Absorption	Average not over 5%
8.	Colours	UV Light resistant fast colours from Lanxess only to be used
9.	Sealant	Two coats of Acrylic Coat- Solvent free

Manufacturing & Quality AssuranceManufacturing 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 CII GreenPro certification standards and contribute to sustainable construction practices.

Testing Facilities:

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

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