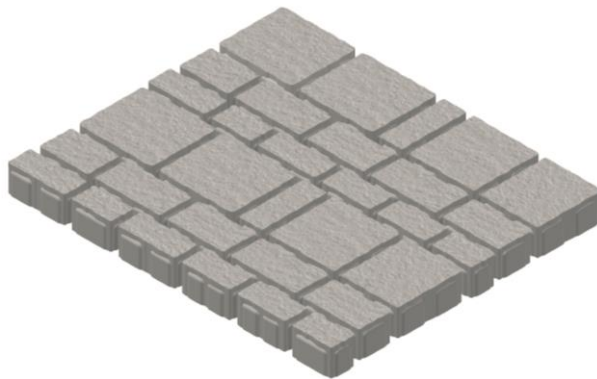


Technical Specifications for Modular Paving Stones – DECASTONE NEO in 80mm Thickness with Premier Shield Protection (Integral and topcoat treatment)

Product Description

Supply of Solid Modular Paving Stones in “Decastone Neo Design”, of VYARA make, 80mm thick, comprising:

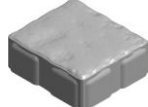

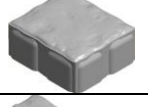
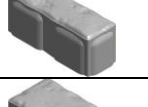
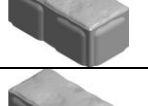





- Ten different sizes of paving stones with undulated surface
- UV-resistant colour pigments from Lanxess or approved, in colours as specified by the architect
- Wear-resistant, colour-coordinated aggregates
- Premier Shield integral and topcoat treatment for satin finish, water and oil repellence, and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



Decastone 900mmX750mm



Decastone Stone Sizes

| Stone Type | Image | Size in mm |
|------------|---|-------------------|
| Type01 |  | 225 x 200 x 80 mm |
| Type02 |  | 200 x 200 x 80 mm |
| Type03 |  | 200 x 175 x 80 mm |
| Type04 |  | 200 x 75 x 80 mm |
| Type05 |  | 200 x 100 x 80 mm |
| Type06 |  | 175 x 100 x 80 mm |
| Type07 |  | 150 x 100 x 80 mm |
| Type08 |  | 175 x 75 x 80 mm |
| Type09 |  | 150 x 75 x 80 mm |
| Type10 |  | 125 x 75 x 80 mm |

Technical Parameters

| Sr. | Parameters | Minimum Requirements |
|-----|--------------------------------------|--|
| 1. | Size (mm) | 225x200x80, 200x200x80, 200x175x80, 200x75x80, 200x100x80, 175x100x80, 150x100x80, 175x75x80 150x75x80, 125x75x80 mm |
| 2. | Tolerance in Size (Length & Breadth) | ±2 mm |
| 3. | Thickness (mm) | 80 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 |

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

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Testing Facilities:

The manufacturer must have an in-house laboratory equipped to perform these tests:

Water Absorption | Compressive Strength | Flexural Strength | Abrasion Resistance