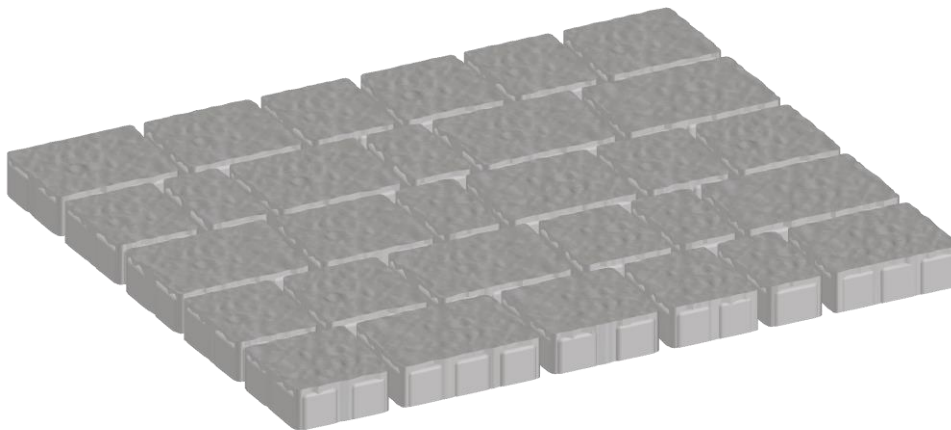


Technical Specifications for Modular Paving Stones – BEGANIT NEO in 60mm Thickness in Mélange Series with Premier Shield Protection (Integral and topcoat treatment)

Product Description

Supply of Solid Modular Paving Stones in “Beganit Neo Design-Mélange Series”, of VYARA make, 60 mm thick, comprising:

- In 2-3 colour blends, with colours and blend combinations as specified by the architect
- Seven different sizes of paving stones with undulated surface
- UV-resistant colour pigments from Lanxess or approved
- 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



Beganit Neo 60mm Thick Module Layout

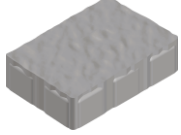
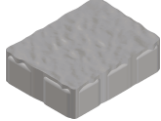
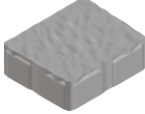
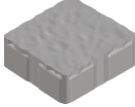
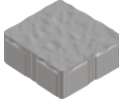




Vyara Tiles Limited

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Beganit Neo Stone Sizes

Stone Type	Image	Size in mm
Type01/ A		235 x 160 x 60 mm
Type02/ B		215 x 160 x 60 mm
Type03/ C		195 x 160 x 60 mm
Type04/ D		175 x 160 x 60 mm
Type05/ E		155 x 160 x 60 mm
Type06/ F		135 x 160 x 60 mm
Type07/ G		95 x 160 x 60 mm

Technical Parameters

Sr.	Parameters	Minimum Requirements
1.	Size (mm)	235x160x60, 215x160x60, 195x160x60, 175x160x60, 155x160x60, 135x160x60, 95x160x60 mm
2.	Tolerance in Size (Length & Breadth)	±2 mm
3.	Thickness (mm)	60 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.	Abrasion Resistance	Average $\leq 18000 \text{ mm}^3/5000 \text{ mm}^2$
8.	Colour	UV Light resistant fast colours from Lanxess or approved 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:

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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