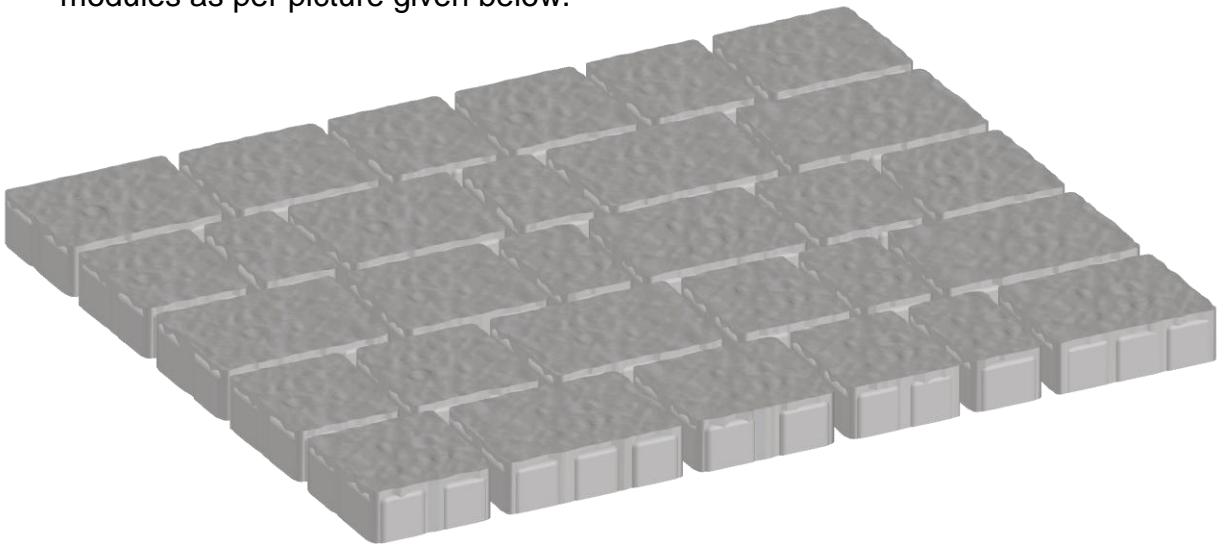


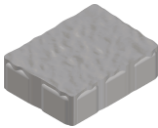
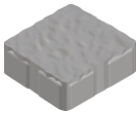
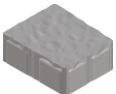

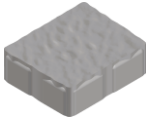

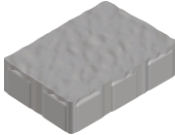
Specifications for Modular Paving Stones – Beganit NEO in 60mm thickness - Mélange Series with Premier Shield protection (Integral and top coat treatment)

Supply of Solid Concrete Modular Paving stones in “Beganit NEO Design”, of VYARA make in 60mm thickness with seven different sizes of paving stones

- in 2-3 color blends, colours as specified by architects
- with undulated surface
- using UV resistant colour pigments from Lanxess.
- wear resistant colour coordinated aggregates.
- Premier Shield integral and topcoat treatment for satin finish, water and oil repellence, reduction of algae, moss and efflorescence formation
- modules as per picture given below.



Beganit Neo Stone Sizes

Stone Type	Image	Size in mm
Type01/ A		215x160x60 mm
Type02/ B		175x160x60 mm
Type03/ C		135x160x60 mm
Type04/ D		95x160x60 mm
Type05/ E		195x160x60 mm
Type06/ F		155x160x60 mm
Type07/ G		235x160x60 mm

Sr.	Parameters	Minimum Requirements
1.	Percentage Water Absorption	Average not over 4.5%
2.	Compressive strength	Average not less than 400 Kg/cm ²
3.	Tensile Splitting Strength (as per EN 1338)	Average not less than 3 MPa
4.	Average wear in Thickness- Abrasion	Conforming to Grade 'H' of EN 1338
5.	Tolerance in size (length + breadth)	± 1.5mm
6.	Thickness of wearing layer	Not less than 5mm
7.	Tolerance in Thickness of block	± 3mm
8.	Colours	UV Light resistant fast colours from Lanxess only to be used.

- The Modular Paving Stones 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 manufacturing company must be an ISO 9001:2008 certified Company or should have equivalent quality management systems in place to ensure quality product.
- The Modular Paving Stones must meet the sustainability criteria and should be certified as a green product by CII.
- The Modular Paving Stones will be made using wear resistant materials in the face mix as specified by the architects.
- The colours of the blocks (wearing layer) will be as selected by the architects.
- The blocks must be cured in a controlled environment to ensure efflorescence free material.
- The manufacturer must have in house testing laboratory to carry out all testing including Compressive strength testing, Water absorption, abrasion resistance etc.