

Technical Specifications for WC Concrete Speed Breaker and Speed Breaker End

(for Light Vehicular Traffic and Occasional Heavy Vehicle Allowed)

Product Description

Supply of Wet Cast **Speed Breaker and Speed Breaker End**, size 380 x 380 x 100 mm thick, of VYARA make, comprising:

- UV-resistant colour pigments from Lanxess or approved, in colours as specified by the architect
- Wear-resistant, colour-coordinated aggregates for enhanced surface durability and visual uniformity
- Design as per the image provided below



Speed breaker 380*380*110 mm | Speed breaker End 380*190*110mm

Technical Parameters

Sr.	Parameters	Minimum Requirements
1.	Size (mm)	Speedbreaker-380 x 380 x 100 mm Speedbreaker End- 380 x 190 x 110 mm
2.	Tolerance in Size (Length & Breadth)	±2 mm
3.	Thickness (mm)	110 mm ±4 mm
4.	Thickness of Wearing Layer	Not less than 6 mm
5.	Water Absorption	Average not over 5%
6.	Abrasion Resistance	Average $\leq 18000 \text{ mm}^3/5000 \text{ mm}^2$
7.	Colour	UV Light resistant fast colours from Lanxess or approved only to be used

Manufacturing & Quality AssuranceManufacturing Process:

- The paving blocks must be wet cast in elastomeric rubber moulds only.
- 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