Rev: 02 (15/03/24)



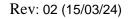
Specifications for Granamexx Series Heavy Duty Tiles of size (Sizes: 300 x 300 x 28 mm, 400 x 400 x 31mm, 500 x 500 x 32 mm) with Shotblasted finish and Premier Shield protection (Integral and top coat treatment)

Supply of High Strength and high wear resistant Granamexx Series Heavy Duty Tiles with ground finish of 180 fineness with

- Granolithic wearing layer
- Colours specified by the architects, using UV resistant colour pigments from Lanxess.
- Premier Shield integral and topcoat treatment for satin finish, water and oil repellence, reduction of algae, moss and efflorescence formation.

Sr.	Parameters	Minimum Requirements
1.	Percentage Water Absorption	Not over 6%
2.	Wet transverse strength	Not less than 4.5N/mm ²
3.	Average wear in Thickness- Abrasion	Average wear not more than 1.5mm
4.	Tolerance in Size (length + breadth)	± 1mm
5.	Thickness of wearing layer	Not less than 8mm
6.	Variation in Thickness of tiles	Variation not to exceed 3mm
7.	Flatness of tile surface	Concavity / convexity not to exceed 1mm
8.	Colours	UV Light resistant fast colours from Lanxess only to be used.

- The manufacturing company must be an ISO 9001:2015 certified Company or should have equivalent quality management systems in place to ensure quality product.
- The Tiles must meet the sustainability criteria and should be certified as a green product by CII.
- The Heavy Duty tiles must confirm to IS 1237:1980.
- The Tiles must be manufactured on automatic machines with mechanical vibration and rubberized moulds.
- The Tiles must be ground on Linear Grinding Machine.
- The Tiles will be made using wear resistant materials in the face mix as specified by the architects.
- The Tiles 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.