



PAVERS AND BLOCKS MANUFACTURERS ASSOCIATION

[Regd. Under Section 8 of Companies Act, 2013], CIN No. U74999MH2018NPL308583

IS 1237: 2012 CEMENT CONCRETE FLOORING TILES — SPECIFICATION

Key Information – Terrazzo Tiles

DIMENSIONS (MM)

#	Length	Breadth	Minimum Thickness	
			Single Layer or Mono-layer Tile	Double Layer Tile
1.	200	200	10	15
2.	250	250	12	16
3.	300	300	14	20
4.	400	400	16	25

DIMENSIONAL TOLERANCES

Length, Breadth:	+/- 1mm
Longest Side & Shortest Side Difference:	≤ 1mm
Thickness (% of minimum thickness):	+15%, -0
Thickness Difference (Thickest – Thinnest):	10% (of minimum thickness)
Thickness of Wearing Layer (minimum):	5mm (Chip size up to 12mm, general purpose) 6mm (Chip size up to 20mm, general purpose & heavy duty)

PHYSICAL REQUIREMENTS

Flatness (Concavity, convexity):	≤ 1mm
Perpendicularity (gap):	≤ 2% (of length of the edge)
Straightness (gap):	≤ 1% (of length of the edge)
Water Absorption (avg.):	≤ 10%
Wet Transverse Strength (avg.):	≥ 3 N/mm ²
Wear Resistance (mm):	

Floor Tiles Type	Application	Average Wear	Individual Specimen
General Purpose	Light loads such as Office Buildings, Schools, Colleges, Hospitals and Residential Buildings (usually Indoor Floors)	≤ 3.5	≤ 4.0
Heavy Duty	Heavy traffic conditions such as Footpaths, Ramps, Entrances and Staircases of Public Buildings, Passages of Auditoriums and Storage Godowns (public path or industrial floors)	≤ 2.0	≤ 2.5

SAMPLING

As per Level 1 in Table 1 and AQL 6.5% in Table 3A of IS 2500 (Part 1).

(For further details please refer to the Standard)



107 Nirman Kendra, Famous Studio Lane, Mahalaxmi, Mumbai 400011.



info@pbma.in



www.pbma.in