

Technical Specification of Concrete Bricks

Product : Asian Brick (230x110x55)mm
Asian Brick (230x110x70)mm

S.No.	Description	Asian Concrete		Standard References	
				IS 12894, IS2185, IS 1077	
1	Dimension of Specimen				
	Length mm	230	230	230	
	Width mm	110	110	110	
	Thickness mm	55	70	As per Actual	
2	Dimension Tolerance				
	Length mm	± 1mm	± 1mm	± 3mm	
	Width mm	± 1mm	± 1mm	± 1.5mm	
	Thickness mm	± 2mm	± 2mm	± 3mm	
3	Surface Area of Brick		253	253	As per Actual
	cm ²				
4	Volume of Specimen		1391.5	1771	As per Actual
	cm ³				
5	Minimum Compressive Strength N/mm²		≥ 10	≥ 10	10 N/mm ²
	28 Days				
6	Water Absorption		< 10%	< 10%	Maximum 20%
	(%)				
7	Dry Density		1800	1800	1800 kg/m ³
	kg/m ³				
8	Lable and Marking				
	Concrete brick package shall be marked with the following information suitably:				
	a) Identification of the manufacturer,				
	b) Grade of bricks, and				
	c) Date of manufacture.				
	Note: The product should be adequately packed to identify above and also ensure products from manufacturer facility to the buyer facility during loading transport, unloading do not suffer any physical damage including chipping, cracking, deform or any other damage from actual product specifications				