

<b>Tensile splitting strength</b>					
<b>EN 1338</b>			<b>IS 15658</b>		
Average not less than 3.6 Mpa and individual specimen not less than 2.9 Mpa, nor have a failure load less than 250N/mm of splitting length			Not specified. To be agreed between manufacturer and buyer		
<b>Abrasion resistance classes</b>					
<b>EN 1338</b>			<b>IS 15658</b>		
Class	Marking	Measured in Accordance with the test method described in annexure G	In accordance with the test method described in Annex H	<b>Not specified. To be agreed between manufacturer and buyer</b>	
1	F	No performance measured	No performance measured		
3	H	<_ 23 mm	<_ 4 mm		
4	I	<_ 20 mm	<_ 3.6 mm		
<b>Water absorption</b>					
<b>EN 1338</b>			<b>IS 15658</b>		
<b>1</b>	A	No performance measured	Average of three units shall not be more than 6% by mass and in individual samples should be restricted to 7%		
<b>2</b>	B	<_ 6 as a mean			
<b>Compressive Strength</b>					
<b>EN 1338 (Not required to be tested)</b>			<b>IS 15658</b>		
Not required to be tested			The average 28 days compressive strength of paver blocks shall meet the specified requirement. Individual paver block strength shall not be less than 85 percent of the specified strength. In case blocks of age less than 28 days are permitted to be supplied, correlation between 28 days strength and the strength at specified age for identified batch/mix of blocks shall be established.		
<b>IS 15658 Compressive strength recommendations</b>					
Grade of Paver Blocks	Specified Compressive Strength 28 days N/mm <sup>2</sup>	Traffic Category	Recommended Minimum Paver Block Thickness mm	Traffic Examples of Application	
M-30	30	Non Traffic	50	Building premises, monument premises, landscapes, public gardens/parks, Domestic drives, paths and patios, embankment slopes, sand stabilization area, etc.	
M-35	35	Light Traffic	60	Pedestrian Plazas, shopping complexes, ramps, car parks, office driveways, farm houses, beach sites, tourist resorts, local authority footways, residential roads etc.	
M-40	40	Medium Traffic	80	City streets, small and medium market roads, low volume roads, utility cuts on arterial roads etc.	
M-50	50	Heavy Traffic	100	Bus terminals, industrial complexes, mandi houses, roads on expansive soils, factory floors, service stations, industrial pavements etc.	
<b>Dimensional Tolerances Tolerance limit for Paver Blocks - ( Similar for both EN 1338 and IS 15658)</b>					
Sr.	Criteria	Recommended Values	For paver thickness <	For paver thickness ≥ 100 mm	
i	Width, W	To be specified by Manufacturer	± 2 mm	± 3 mm	
ii	Length, L	To be specified by	± 2 mm	± 3 mm	
iii	Thickness, T	50 to 120 mm	± 3 mm	± 4 mm	
iv	Aspect ratio (L/T)	Maximum : 4.0	0.2	0.2	
v	Arris/ chamfer	Minimum : 5 mm	± 1 mm	± 1 mm	
vi	Thickness of Wearing Layer	Minimum : 6 mm	± 2 mm	± 2 mm	
vii	Plan area, Asp	Maximum : 0.03m <sup>2</sup>	+0.001m <sup>2</sup>	+0.001m <sup>2</sup>	
viii	Wearing face	Minimum 75 percent of Plan area	-1 percent	-1 percent	
ix	Squareness	Nil	± 2 mm	± 3 mm	