

Properties	I.S. 4860-1968 (Bricks)		Our Values	
	I st Class	II nd Class	I st Class	II nd Class
Water absorption (%)	2	4	0.5 to 1.5	2.5 to 3.5
Flexural Strength (Kg/Cm <sup>2</sup> )	100	70	>100	>100
Compression Strength (Kg/Cm <sup>2</sup> )	>700	>500	>700	>500
Resistance to Acid (%)	1.5	4.0	<0.5	<1.0
Resistance to wear (mm)	2.0	-	1 to 1.5	-
Warpage (mm)	2.5	2.5	<2.5	<2.5
<b>Tolerances: (±mm)</b>				
Length	3.5	3.5	<3.5	<3.5
Breadth	2.0	2.0	<2.0	<2.0
Thickness	1.0	1.0	<1.0	<1.0

Properties	I.S. 4457-1982 (Tiles)	Our Values
Water absorption (%)	Max. 2	<2
Flexural Strength (Kg/Cm <sup>2</sup> )	200	>200
Compression Strength (Kg/Cm <sup>2</sup> )	700	>700
Acid Loss (%)	1.5	<0.5
<b>Tolerances: (±mm)</b>		
Length	2.5	<2.5
Breadth	2.5	<2.5
Thickness	2.5	<2.5