

## TEST REPORT OF BRICK

<b>Report No. :</b>	AMT-BR-25-26/GB-7		<b>Report Date :</b>	17-07-2025	
<b>Name of Agency</b>	: WIDEANGLE SANITARY WARES				
<b>Report Submitted to</b>	: WIDEANGLE SANITARY WARES				
<b>Name of Client</b>	: WIDEANGLE SANITARY WARES				
<b>Name of Work</b>	: -				
<b>Reference letter</b>	: -				
<b>Type of Sample &amp; Qty.</b>	: Bricks & 25 nos.		<b>Size Of Bricks (mm)</b>	: 210 x 55 x 95	
<b>Sample Collected by</b>	: Client		<b>Type Of Bricks</b>	: Non-modular	
<b>Condition of Sample</b>	: Good		<b>Samle Description</b>	: 10 hole brick	
<b>Discipline &amp; Group</b>	: Mechanical & Building Materials		<b>Date of Receipt</b>	: 09-07-2025	
<b>Test Method</b>	: IS 3495, IS 1077		<b>Date of Test Starting</b>	: 10-07-2025	
<b>Location of Test</b>	: In Laboratory		<b>Date of Test Completed</b>	: 17-07-2025	

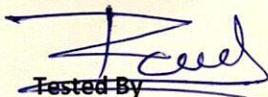
### TEST RESULTS

1. Compressive Strength Test							
As per IS 3495 (Part - 1)							
Sr. No.	Sample ID	Size of Brick			Cross Section Area (mm <sup>2</sup> )	Max. Load (kN)	Comp. Strength (N/mm <sup>2</sup> )
		Length (mm)	Width (mm)	Height (mm)			
1	CS-1	210	55	95	11550	122.3	10.59
2	CS-2	210	55	95	11550	100.6	8.71
3	CS-3	210	55	95	11550	132.1	11.44
4	CS-4	210	55	95	11550	99.1	8.58
5	CS-5	210	55	95	11550	79.4	6.87
Average Comp. Strength (N/mm <sup>2</sup> )							<b>9.24</b>
Compressive Strength Shall not be less than 3.5 N/mm <sup>2</sup> as pe IS 1077							

2. Dimension Test				
As per IS 1077				
Sr. No.	Sample ID	Length (mm)	Width (mm)	Thickness (mm)
1	Brick	4280	1932	1104
Requiremnt as per IS 1077		4600 ± 80 mm	2200 ± 40 mm	1400 ± 40 mm

#### Terms & Conditions:

1. Test results related to sample sent by the agency or customer only & information provided by customer.
2. Results/Reports are issued with specific understanding that Absolute Mat Test LLP will not is any case be involved in action following the information of test result.
3. Results/Reports are not supposed to be used for publicity.
4. Test report shall not be reproduced except in full without written approval of Absolute Mat Test LLP.
5. Results are varied due to technical limitations, hence co-relation with the technical findings to be made.
6. Subject to Rajkot Jurisdiction.

  
Tested By



Authorized Signatory

F-CER-BR-01

\*\*\* End Of Report \*\*\*

### ABSOLUTE MAT TEST LLP

## TEST REPORT OF BRICK

<b>Report No. :</b>	AMT-BR-25-26/GB-7		<b>Report Date :</b>	17-07-2025	
<b>Name of Agency :</b>	WIDEANGLE SANITARY WARES				
<b>Report Submitted to :</b>	WIDEANGLE SANITARY WARES				
<b>Name of Client :</b>	WIDEANGLE SANITARY WARES				
<b>Name of Work :</b>	-				
<b>Reference letter :</b>	-				
<b>Type of Sample &amp; Qty. :</b>	Bricks & 25 nos.	<b>Size Of Bricks (mm) :</b>	210 x 55 x 95		
<b>Sample Collected by :</b>	Client	<b>Type Of Bricks :</b>	Non-modular		
<b>Condition of Sample :</b>	Good	<b>Samle Description :</b>	10 hole brick		
<b>Discipline &amp; Group :</b>	Mechanical & Building Materials		<b>Date of Receipt :</b>	09-07-2025	
<b>Test Method :</b>	IS 3495, IS 1077		<b>Date of Test Starting :</b>	10-07-2025	
<b>Location of Test :</b>	In Laboratory		<b>Date of Test Completed :</b>	17-07-2025	

### TEST RESULTS

3. Water Absorption					4. Efflorescence	
As per IS 3495 (Part - 2)					As per IS 3495 (Part - 3)	
Sr. No.	Sample ID	Wet Weight (gm)	Oven Dry Weight (gm)	Water Absorption (%)	Sample ID	Efflorescence
1	WA-1	1.533	1.324	15.79	EF-1	SLITE
2	WA-2	1.559	1.347	15.74	EF-2	SLITE
3	WA-3	1.573	1.353	16.26	EF-3	SLITE
4	WA-4	1.589	1.376	15.48	EF-4	SLITE
5	WA-5	1.536	1.327	15.75	EF-5	SLITE
Average Water Absorption (%)				<b>15.80</b>	<b>NIL/SLIGHT/MODERATE/HEAVY/SERIOUS</b> as per IS 1077	
<b>Water Absorption Shall not be more than 20 % as pe IS 1077</b>						

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Test Method	: IS 3495, IS 1077	Date of Test Starting	: 10-07-2025		
Location of Test	: In Laboratory	Date of Test Completed	: 17-07-2025		

### TEST RESULTS

1. Compressive Strength Test (Gypsum Caping)					As per IS 3495 (Part - 1)		
Sr. No.	Sample ID	Size of Brick			Cross Section Area (mm <sup>2</sup> )	Max. Load (kN)	Comp. Strength (N/mm <sup>2</sup> )
		Length (mm)	Width (mm)	Height (mm)			
1	CS-1	210	55	95	11550	153.1	13.26
2	CS-2	210	55	95	11550	83.8	7.26
3	CS-3	210	55	95	11550	160.8	13.92
4	CS-4	210	55	95	11550	134.8	11.67
5	CS-5	210	55	95	11550	120.9	10.47
Average Comp. Strength (N/mm <sup>2</sup> )							<b>11.31</b>
Compressive Strength Shall not be less than 3.5 N/mm <sup>2</sup> as pe IS 1077							

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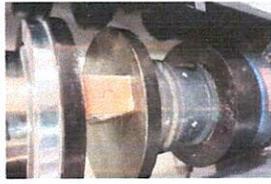


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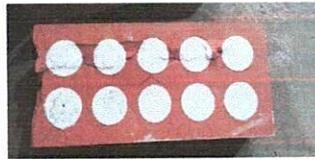
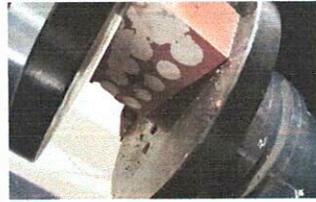


**10 HOLE BRICK 210 X 55 X 95**

Gypsum Filled Sample



Type of failuer( Gypsum Filled)



Type of failuer( Simple)

