

TEST REPORT OF BRICK

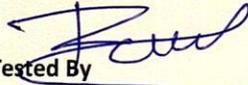
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|--------------------------------|-----------------------------------|--------------------------|-----------------|
| Report No. : AMT-BR-25-26/GB-4 | | Report Date : 17-07-2025 | |
| Name of Agency | : WIDEANGLE SANITARY WARES | | |
| Report Submitted to | : WIDEANGLE SANITARY WARES | | |
| Name of Client | : WIDEANGLE SANITARY WARES | | |
| Name of Work | : - | | |
| Reference letter | : - | | |
| Type of Sample & Qty. | : Bricks & 25 nos. | Size Of Bricks (mm) | : 190 x 50 x 60 |
| Sample Collected by | : Client | Type Of Bricks | : Non-modular |
| Condition of Sample | : Good | Samle Dcription | : 2 hole round |
| Discipline & Group | : Mechanical & Building Materials | Date of Receipt | : 09-07-2025 |
| 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 ²) | Max. Load (kN) | Comp. Strength (N/mm ²) |
| | | Length (mm) | Width (mm) | Height (mm) | | | |
| 1 | CS-1 | 190 | 50 | 60 | 9500 | 36.4 | 3.83 |
| 2 | CS-2 | 190 | 50 | 60 | 9500 | 32.3 | 3.40 |
| 3 | CS-3 | 190 | 50 | 60 | 9500 | 52.4 | 5.52 |
| 4 | CS-4 | 190 | 50 | 60 | 9500 | 51.1 | 5.38 |
| 5 | CS-5 | 190 | 50 | 60 | 9500 | 23.7 | 2.49 |
| Average Comp. Strength (N/mm ²) | | | | | | | 4.12 |
| Compressive Strength Shall not be less than 3.5 N/mm ² as pe IS 1077 | | | | | | | |

Terms & Conditions:

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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 finding is to be made.
6. Subject to Rajkot Jurisdiction.

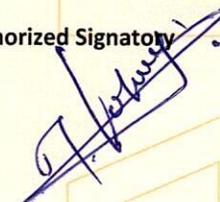
Tested By 

F-CER-BR-01



*** End Of Report ***



Authorized Signatory 

TEST REPORT OF BRICK

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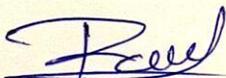
TEST RESULTS

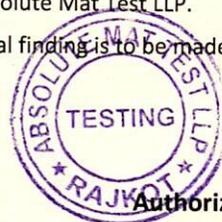
| 1. Compressive Strength Test | | | | | | | |
|---|-----------|---------------|------------|-------------|---------------------------------------|----------------|-------------------------------------|
| As per IS 3495 (Part - 1) | | | | | | | |
| Sr. No. | Sample ID | Size of Brick | | | Cross Section Area (mm ²) | Max. Load (kN) | Comp. Strength (N/mm ²) |
| | | Length (mm) | Width (mm) | Height (mm) | | | |
| 1 | CS-1 | 190 | 50 | 60 | 9500 | 41.4 | 4.36 |
| 2 | CS-2 | 190 | 50 | 60 | 9500 | 28.3 | 2.98 |
| 3 | CS-3 | 190 | 50 | 60 | 9500 | 37.7 | 3.97 |
| 4 | CS-4 | 190 | 50 | 60 | 9500 | 32 | 3.37 |
| 5 | CS-5 | 190 | 50 | 60 | 9500 | 33.2 | 3.49 |
| Average Comp. Strength (N/mm ²) | | | | | | | 3.63 |
| Compressive Strength Shall not be less than 3.5 N/mm ² as pe IS 1077 | | | | | | | |

| 2. Dimension Test | | | | |
|---------------------------|-----------|--------------|--------------|----------------|
| As per IS 1077 | | | | |
| Sr. No. | Sample ID | Length (mm) | Width (mm) | Thickness (mm) |
| 1 | Brick | 3890 | 1210 | 1025 |
| Requiremnt as per IS 1077 | | 4600 ± 80 mm | 2200 ± 40 mm | 1400 ± 40 mm |

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ABSOLUTE MAT TEST LLP

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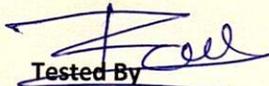
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TEST RESULTS

| 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 | 0.923 | 0.773 | 19.40 | EF-1 | SLITE |
| 2 | WA-2 | 0.901 | 0.768 | 17.32 | EF-2 | SLITE |
| 3 | WA-3 | 0.895 | 0.76 | 17.76 | EF-3 | SLITE |
| 4 | WA-4 | 0.942 | 0.805 | 17.02 | EF-4 | SLITE |
| 5 | WA-5 | 0.93 | 0.776 | 19.85 | EF-5 | SLITE |
| Average Water Absorption (%) | | | | 18.27 | NIL/SLIGHT/MODERATE/HEAVY/SERIOUS as per IS 1077 | |
| Water Absorption Shall not be more than 20 % as pe IS 1077 | | | | | | |

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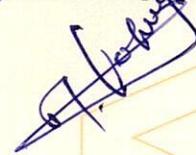

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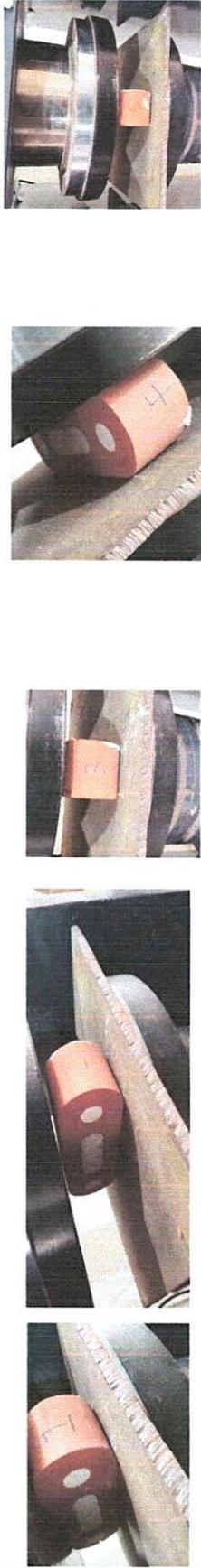
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F-CER-BR-01

2 HOLE ROUND BRICK 190 X 50 X 60

Gypsum Filled Sample



Type of failuer(Gypsum Filled)



Type of failuer(Simple)

