



Report No: WLRP17-0588/1

Water Absorption

Test Method: ASTM C1289
Temperature: 23±2°C, R. Humidity: 50±5%
Duration of Test: 24 hours

| Test | Unit | Result |
|------------------|------|--------|
| Water Absorption | % | 1.12 |

Density:

Method: ASTM C1289
Temperature: 23±2°C
R. Humidity: 50±5%

| Test | Unit | Result |
|---------|-------------------|--------|
| Density | kg/m ³ | 37.1 |

Thermal Resistance

Test Temperature: 43°C

Test Method: ASTM C518-10, EN ISO 6946, ACI 122R

| Test | Unit | Result |
|--------------------------------|--------------------|--------|
| Thermal Conductivity (K Value) | W/mk | 0.025 |
| Thermal Resistance (R Value) | m ² K/W | 3.086 |

Tensile Adhesion Test

Test Method: ASTM C1289
Adhesive used: Epoxy Glue
Type of Specimen: Type C

| Description | RESULTS |
|---|----------|
| Test Number | 1 |
| Test Position | Vertical |
| Cross section area of test Piece (mm ²) | 2500 |
| Max. Load Applied (N) | 356 |
| Tensile Adhesion Strength (N/mm ²) | 0.142 |

Remarks: None

Signed for and on behalf of Wimpey Laboratories

Binu K. Babu
Technical Manager

Test results relate only to the samples tested

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