

# PHYSICAL TESTING REPORT

**William Blyth**  
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Yorkshire  
DN18 5RB

FAO: Mrs. Gemma Barden

**Report of Tests on:** Handmade Clay Roof Tile

**Your Reference:** WB/NR-RW1

**Lucideon Reference:** (191039)-8849

**Date Reported:** 28-Feb-2019

**Order Number:** Verbal / Harry

**Date Logged:** 15-Feb-2019

**Date(s) of Test(s):** 25-Feb-2019 to 27-Feb-2019

## Determination of Impermeability of Clay Roofing Tiles

BSEN 539-1:2005 Method 2 & BSEN 1304:2005

No.	Time to First Drop (hr/min)	Impermeability Coefficient
1	20	0
2	20	0
3	20	0
4	20	0
5	20	0
6	20	0
7	20	0
8	20	0
9	20	0
10	20	0
Mean	-	0.0

The samples tested comply with Category 1

If 20 hours is indicated giving a coefficient of 0.00 this is equivalent to no drops of water noted throughout the 20 hour time period of the test. It is stated within clause 4.4.1 of BSEN 1304 that tiles classified as Category 1 shall have a mean impermeability coefficient after testing of 0.8 or less, and all individual results shall be 0.85 or less. Category 2 shall have a mean impermeability coefficient after testing of 0.925 or less, and all individual results shall be 0.95 or less. Tiles or fittings for roofs classified in Category 2 shall only be used with watertight roofing underfelt.

**End of Test Report**



Mr Richard Oliver  
Engineer

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