

# PHYSICAL TESTING REPORT

# LUCIDEON

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**Tudor Roof Tile Company Limited**  
Denge Marsh Road  
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TN29 9JH

FAO: Mr. Paul John Lythgoe

**Report of Tests on:** Tudor Handmade Clay Roof Tiles

**Your Reference:** Antique, Sussex, Romney mix

**Lucideon Reference:** (163535)-23968

**Date Reported:** 25-Aug-2016

**Order Number:** PJL110716

**Date Logged:** 04-Aug-2016

**Date(s) of Test(s):** 17-Aug-2016 to 23-Aug-2016

## 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	7.5	0.62
10	20	0
Mean	-	0.6

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 Graham Doe  
Manager

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