

PHYSICAL TESTING REPORT

LUCIDEON

insight creating advantage

Tudor Roof Tile Company Limited
Denge Marsh Road
Lydd
Kent
TN29 9JH

FAO: Mr. Paul Lythgoe

Report of Tests on: Tudor Roof Tiles Handmade

Your Reference: Various Colours

Lucideon Reference: (143220)-14828

Date Reported: 23-Jul-2014

Order Number: PjL 270614

Date Logged: 03-Jul-2014

Date(s) of Test(s): 17-Jul-2014 to 18-Jul-2014

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	6	0.70
10	20	0
Mean	18.6	0.1

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

Pass

Mr Simon Hall
Author