

PHYSICAL TESTING REPORT

The Clay Company Ltd
26-28 Hammersmith Grove
London
W6 7BA

FAO: Mr. David Nelsen

Report of Tests on: Handmade Clay Brick

Your Reference: Woodbury Handmade

Lucideon Reference: (162875)-19668

Date Reported: 19-Jul-2016

Order Number: CC3193

Date Logged: 24-Jun-2016

Date(s) of Test(s): 04-Jul-2016 to 07-Jul-2016

Determination of Water Absorption

BS 3921: 1985

Water Absorption	
No.	%
1	18.5
2	17.0
3	15.5
4	17.9
5	18.6
6	17.4
7	17.7
8	17.7
9	18.6
10	18.7
Mean	17.8

End of Test Report



Mr Simon Hall
Manager

This report is issued in accordance with the Conditions of Business of Lucideon Limited and relates only to the sample(s) tested. No responsibility is taken for the accuracy of the sampling unless this is done under our own supervision. This report shall not be reproduced in part without the written approval of Lucideon Limited, nor used in any way as to lead to misrepresentation of the results or their implications.

Lucideon is the trading name of Lucideon Limited. Registered in England No. 1960455.

Lucideon Limited
Queens Road, Penkhull
Stoke-on-Trent
Staffordshire ST4 7LQ

T +44 (0)1782 764428
enquiries@lucideon.com
www.lucideon.com

PHYSICAL TESTING REPORT



0013

The Clay Company Ltd
26-28 Hammersmith Grove
London
W6 7BA

FAO: Mr. David Nelsen

Report of Tests on: Handmade Clay Brick

Your Reference: Woodbury Handmade

Lucideon Reference: (162875)-19668

Date Reported: 19-Jul-2016

Order Number: CC3193

Date Logged: 24-Jun-2016

Date(s) of Test(s): 04-Jul-2016 to 07-Jul-2016

Determination of Compressive Strength
BS EN 772-1: 2011 (By Surface Grinding)

	Brick Length	Brick Width	Frog Length	Frog Width	Load	Compressive Strength
No.	mm	mm	mm	mm	kN	N/mm ²
1	226.0	110.3	149	49	660.5	37.5
2	229.3	112.3	145	52	456.6	25.1
3	223.3	110.0	146	49	655.1	37.6
4	227.8	112.5	142	50	504.3	27.2
5	228.0	112.3	141	50	476.6	25.7
6	227.8	112.0	143	50	669	36.4
7	224.8	109.3	142	51	560.4	32.4
8	218.3	100.8	138	42	1418	87.6
9	226.0	111.0	150	52	565.1	32.7
10	229.0	112.3	145	51	465	25.4
Mean	226.0	110.0	144	50	643.1	36.8

Name of organisation carrying out sampling: THE CLAY COMPANY

Method of Sampling: Not Supplied

Method of Conditioning: Dryer at 105 deg C

Method of Preparation: Surface Ground

Orientation of Loading: Bed Face

Coefficient of Variation: 50.4 %

Crushing Machine: 3000KN

Machine Number: 90011

Serial Number: 1746

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation.

End of Test Report

Mr Simon Hall
Manager