

PHYSICAL TESTING REPORT



0013

Sussex Brick Limited
Hastings Brickworks
Fourteen Acre Lane
Three Oaks
Sussex
TN35 4NB

FAO: Ms. Gemma Barden

Report of Tests on: Sussex Handmade Brick - WO

Your Reference: SHB2024 - WO

Lucideon Reference: UK242142-14740

Date Reported: 11-Jul-2024

Order Number: SHB2024/6

Date Logged: 28-Jun-2024

Date(s) of Test(s): 09-Jul-2024 to 09-Jul-2024

Determination of Compressive Strength
BS EN 772-1: 2011 (By Surface Grinding) + A1 2015

	Brick Length	Brick Width	Frog Length	Frog Width	Load	Compressive Strength
No.	mm	mm	mm	mm	kN	N/mm ²
1	217.6	102.5	130	43	339	20.3
2	217.4	101.5	129	43	341	20.6
3	217.0	102.8	130	44	338	20.4
4	220.7	100.7	143	42	323	19.9
5	218.5	100.2	131	42	336	20.5
6	217.1	101.8	130	42	334	20.1
7	216.6	102.4	128	42	336	20.0
8	217.4	102.2	130	43	336	20.2
9	217.3	102.1	130	41	324	19.2
10	218.7	99.2	132	40	328	20.0
Mean	218.0	102.0	131	42	333.5	20.1

Sample Preparation Procedure: OP148

Name of organisation carrying out sampling: SUSSEX BRICK

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: 2 %

Crushing Machine: 1000KN

Machine Number: 89033

Serial Number: COM001

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

End of Test Report

Mr Richard Oliver
Manager