

PHYSICAL TESTING REPORT

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Ketley Brick
Dreadnought Road
Pensnett
Brierley Hill
West Midlands
DY5 4TH

FAO: Mr. Christopher Davenhill

Report of Tests on: Brick

Your Reference: 65mm Solid Blue

Lucideon Reference: (145914)-31179/Supplement Report

Date Reported: 22-Jan-2015

Order Number: 27235

Date Logged: 11-Dec-2014

Date(s) of Test(s): 17-Dec-2014 to 14-Jan-2015

Determination of Water Absorption

BS EN 772-7:1998 (Damp proof course units by boiling in water)

	Dry Weight	Saturated Weight After 5 Hr Boil	Water Absorption
No.	g	g	%
1	3210	3326	3.6
2	3239	3334	2.9
3	3229	3317	2.7
4	3224	3336	3.5
5	3249	3347	3.0
6	3238	3327	2.7
7	3221	3320	3.1
8	3221	3339	3.7
9	3259	3366	3.3
10	3251	3378	3.9
Mean	3234	3339	3.2

Name of organisation carrying out sampling: KETLEY BRICK

Method of Sampling: Not Supplied

National Annex NA (Informative). Comments on the differences between EN 771 and BS 3921. In table NA6, equivalent classifying properties of traditional UK Engineering and DPC bricks in relation to EN 771-1, bricks can be classed as CLASS A if the compressive strength and water absorption are $\geq 125\text{N/mm}^2$ and $\leq 4.5\%$ respectively and CLASS B $\geq 75\text{N/mm}^2$ and $\leq 7.0\%$ respectively. It is the responsibility of the Manufacturer to class their bricks accordingly.

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

End of Test Report

Supplement to Test Report dated 16 January 2015 Ref: (145914) - 31179 Determination of Water Absorption.

Mr Simon Hall
Author

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