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## PHYSICAL TESTING REPORT

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

FAO: C Davenhill

**REPORT OF TESTS ON:** 65mm Solid Smooth Red Engineering Bricks

**Your Reference:** 1450/3

**CERAM Reference:** (091403)-6117

**Date Reported** 20-Mar-2009

**Order Number:** 25447

**Date Logged** 10-Mar-2009

**Date(s) of Test(s):** 11-Mar-2009 to 20-Mar-2009

### 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	3167	3297	4.1
2	3172	3308	4.3
3	3172	3301	4.1
4	3171	3299	4.0
5	3172	3305	4.2
6	3201	3314	3.5
7	3179	3295	3.6
8	3184	3304	3.8
9	3205	3320	3.6
10	3200	3314	3.6
Mean	3182	3306	3.9

Name of organisation carrying out sampling: KETLEY

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.

**End of Test Report**

S Hall  
Authorised Signatory

