

# PHYSICAL TESTING REPORT

# LUCIDEON

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**Macey Building Products Ltd**  
Unit 8 Motley Mill  
Weyhill  
Andover  
SP11 0PP

0013

FAO: Mr. Scott Rawlinson

**Report of Tests on:** Flint Faced Concrete Block

**Your Reference:** FF Pocket block

**Lucideon Reference:** UK214376-30182

**Date Reported:** 10-Nov-2021

**Order Number:** mc001 / BACS

**Date Logged:** 14-Oct-2021

**Date(s) of Test(s):** 08-Nov-2021 to 08-Nov-2021

### Determination of Compressive Strength

BS EN 771-3:2011 (BS EN 772-1:2011)

	Block Length	Block Width	Load	Compressive Strength
No.	mm	mm	kN	N/mm <sup>2</sup>
1	439.0	80.0	640.3	18.2
2	439.0	74.5	758.2	23.2
3	440.0	78.0	607.2	17.7
4	440.0	78.0	648.8	18.9
5	439.0	72.0	618.2	19.6
6	440.5	76.0	639.7	19.1
Mean	440.0	76.0	652.1	19.4

Coefficient of Variation: 10.0 %

Compressive strength relevant to air-dry condition: 23.3 N/mm<sup>2</sup>

Normalized compressive strength: 33.3 N/mm<sup>2</sup>

Name of organisation carrying out sampling: MACEY BUILDING PRODUCTS LTD

Method of Sampling: Not Supplied

Method of Conditioning: water at 20 +/- 5 deg C

Method of Preparation: Surface Ground

The sample was deviating and as a result, the test result(s) may be invalid.

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

**End of Test Report**

Mr Richard Oliver  
Manager

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**Date Logged:** 14-Oct-2021

**Date(s) of Test(s):** 03-Nov-2021 to 03-Nov-2021

**Determination of Water Absorption**  
**BS EN 771-3:2011 (BS EN 772-11:2000)**

No.	Water Absorption by Capillary
1	3.0
2	1.4
3	3.1
4	2.7
5	2.5
6	2.8
Mean	2.6

Name of organisation carrying out sampling: MACEY BUILDING PRODUCTS LTD

Method of Sampling: Not Supplied

For aggregate concrete, manufactured stone masonry units due to capillary action. Results quoted as g/(m<sup>2</sup> x s).  
The sample was deviating and as a result, the test result(s) may be invalid.

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