

**Test Report**  
**Determination of Density of Gypsum Blocks**  
(BS EN 12859 : 2011 Clause 5.6)

Date of issue : 08-09-2017

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Castco LRN : MR0170619-1

**Details as supplied by customer :-**

Customer : Fujian Jumbo New Material Corporation Limited

Customer's ref. no. : --

Address : Industrial Zone, Changshan Overseas Chinese Economic Development Zone, Zhangzhou, Fujian, China

Job title : Material Testing

Contract no. : --

Sample description : Jumbo Gypsum Block

Type : 1100 kg/m<sup>3</sup> high density

Supplier : --

Sample I.D. : 1,2,3

Manufacturer: Fujian Jumbo New Material Corporation Limited

Nominal size : 100 x 100 x 100 mm (L x H x T)

**Laboratory test results**

Date sample received : 19-06-2017

Date of test started : 24-06-2017

Date of test completed : 27-06-2017

| Specimen I.D.                        |            | 1      | 2      | 3      |
|--------------------------------------|------------|--------|--------|--------|
| Mass of specimen                     | (kg)       | 1.0740 | 1.1005 | 1.1106 |
| Oven dry mass of specimen            | (kg)       | 1.0730 | 1.0990 | 1.1092 |
| Length of specimen                   | (mm)       | 99     | 100    | 100    |
| Height of specimen                   | (mm)       | 100    | 100    | 100    |
| Thickness of specimen                | (mm)       | 100    | 101    | 100    |
| Gross dry density of specimen        | Individual | 1100   | 1100   | 1100   |
|                                      | Mean       | 1100   |        |        |
| Density of specimen                  | Individual | 1084   | 1088   | 1109   |
|                                      | Mean       | 1094   |        |        |
| Deviation form the gross dry density | (%)        | -0.5   |        |        |

Remark(s) :

1. Test results relate only to the specimen tested.
2. Test results comply with BSEN 12859: 2011 class 4.8.2. :

The average gross dry density within each class shall not deviate by more than 5% from the average measured density.

Checked by :



**WONG CHUN KIT**  
Laboratory Supervisor

Certified by :

  
**WONG KA MAN**  
Senior Manager

**End of Report**