

# FUGRO TECHNICAL SERVICES LIMITED

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# MaterialLab

Report No.: 061528RM60080(1)

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## REPORT ON COMPRESSIVE STRENGTH TEST OF MORTAR CUBES

### Information Supplied by Client

Client: **Bestford International Ltd.**  
Project: **Test on Waterproofing Material**  
Client ref.: --  
Audit No.: --  
Works Instruction No.: --  
Sample Description - Type : **Zhonghe 2000 Efficiency Waterproofing Materials**  
Source : **Tianjin Hi-tech Industry Park Zhonghe Waterproof Material Co. Ltd.**  
Batch No. : --  
Sample ID. : --

### Laboratory Information

Laboratory batch ID.: **RM60080/A**  
Date Received of Raw Materials: **24-Jun-2006**  
Date Cast: **03-Jul-2006**  
Date Tested: **10-Jul-2006**  
Age at Test: **7 days**  
Method of Compaction: **By Hand**  
Sample Location: **Concrete Lab. of MaterialLab**  
Nominal Size of Specimens: **70.7 x 70.7 x 70.7 mm**  
Ambient Conditions - Preparation of the Specimens: **22 °C, 71 % RH**  
Testing of the Specimens: **20 °C, 75 % RH**  
Curing Conditions: **27±2 °C, 55±5 % RH**  
Test Method: **BS 6319 : Part 2 : 1983**

### Test Results

Laboratory Specimen I.D.	Client Specimen I.D.	Loading area (mm <sup>2</sup> )	Mass (g)	Max. Load (kN)	Compressive Strength (N/mm <sup>2</sup> )	Mode of Failure <sup>1</sup>
RM60080/1A	---	5000	544.7	108.0	22.00	Satisfactory
RM60080/1B	---	5000	538.5	106.0	21.00	Satisfactory
RM60080/1C	---	5000	543.7	112.0	22.00	Satisfactory
Arithmetic Mean Compressive Strength					22.00	

### Note :

1. The mode of failure of the test specimens refers to the Figure 6 of CS1 : 1990 : Section 12.

Checked by : Pan Date : 9/9/06 Certified by : (Signature) Date : 12/9/2006  
(Felix Chan / T.K. Cheung / C.W. Kwok)

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# MaterialLab

Report No.: 061528RM60080(2)

Page 1 of 1

## REPORT ON COMPRESSIVE STRENGTH TEST OF MORTAR CUBES

### Information Supplied by Client

Client: **Bestford International Ltd.**  
Project: **Test on Waterproofing Material**  
Client ref.: --  
Audit No.: --  
Works Instruction No.: --  
Sample Description - Type : **Zhonghe 2000 Efficiency Waterproofing Materials**  
Source : **Tianjin Hi-tech Industry Park Zhonghe Waterproof Material Co. Ltd.**  
Batch No. : --  
Sample ID. : --

### Laboratory Information

Laboratory batch ID.: **RM60080/A**  
Date Received of Raw Materials: **24-Jun-2006**  
Date Cast: **03-Jul-2006**  
Date Tested: **31-Jul-2006**  
Age at Test: **28 days**  
Method of Compaction: **By Hand**  
Sample Location: **Concrete Lab. of MaterialLab**  
Nominal Size of Specimens: **70.7 x 70.7 x 70.7 mm**  
Ambient Conditions - Preparation of the Specimens: **22 °C, 71 % RH**  
Testing of the Specimens: **20 °C, 71 % RH**  
Curing Conditions: **27±2 °C, 55±5 % RH**  
Test Method: **BS 6319 : Part 2 : 1983**

### Test Results

Laboratory Specimen I.D.	Client Specimen I.D.	Loading area (mm <sup>2</sup> )	Mass (g)	Max. Load (kN)	Compressive Strength (N/mm <sup>2</sup> )	Mode of Failure <sup>1</sup>
RM60080/1D	---	5000	521.3	126.7	25.00	Satisfactory
RM60080/1E	---	5000	523.3	123.7	25.00	Satisfactory
RM60080/1F	---	5000	533.2	127.8	26.00	Satisfactory
Arithmetic Mean Compressive Strength					25.00	

Note :

1. The mode of failure of the test specimens refers to the Figure 6 of CS1 : 1990 : Section 12.

Checked by :  Date : 9/9/06 Certified by :  Date : 12/9/2006  
(Felix Chan / T.K. Cheung / C.W. Kwok)

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