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MateriaLab

Client Ref. : --

Page 1 of 1

Report No. : 061528ST61302(1)

REPORT ON ELASTIC MODULUS IN COMPRESSION TEST**Information Supplied by Client**

Client : Bestford International Limited
Project : Test on Waterproofing Material
Sample Description : Zhonghe 2000 Efficiency Water Proofing Materials

Laboratory Information

Sample Identification : ST61302/4-6
Conditioning : $27 \pm 2^\circ\text{C}$, $55 \pm 5\%$ RH
Date Cast : 10 July 2006
Age at Test : 28 days or over
Test Method : In accordance with BS 6319 : Part 6 : 1984

Test Results

Specimen No.	ST61302/4	ST61302/5	ST61302/6
Date Tested	07 August 2006	07 August 2006	09 August 2006
Cross-sectional area (mm ²)	1656.18	1628.85	1620.81
Upper load level (kN)	17.89	17.59	17.50
Lower load level (kN)	1.79	1.76	1.75
Difference in strain :			
Cycle 1	0.001228	0.001118	0.001139
Cycle 2	0.001225	0.001118	0.001137
Cycle 3	0.001228	0.001118	0.001140
Cycle 4	0.001218	0.001121	0.001146
Mean	0.001225	0.001119	0.001141
Secant modulus of elasticity (kN/mm ²)	7.94	8.68	8.52
Average	8.38		

- Remarks : 1. The difference in strain is the mean difference in strain obtained from the two strain gauges on opposite cast sides of the specimen.
2. The upper load level was derived from 0.4 times the average cube strength (7 days).
3. This report is a supplement to test report no. 061528ST61302.

Tested by : S.H. SoCertified By : Chan Chun Wai IvanChecked by : Stewart UlanDate : 11.9.2006