

## TEST REPORT

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Applicant : **ECOCLEAN TECHNOLOGY SDN. BHD.**  
12A – 03, Wisma Zelan,  
Jalan Tasik Permaisuri 2,  
Bandar Tun Razak, Cheras,  
56000 Kuala Lumpur,  
Malaysia.

Manufacturer : Same applicant

Product : **Drainage Module**

Reference Standard /  
Method of test : **Manufacturer's Specification**  
**- Compression Test : Adoption to ASTM D642**

Description of sample : Brand Name : Not Specified  
Model / Type : Not Specified  
Serial Number : Not Specified  
Quantity : 10 pcs  
Photograph : Refer to Appendix I , II & III

Our reference : SQAS/MPT/14/9

Date received : 16 August 2011

Job no./Ref. No. : J20111270636

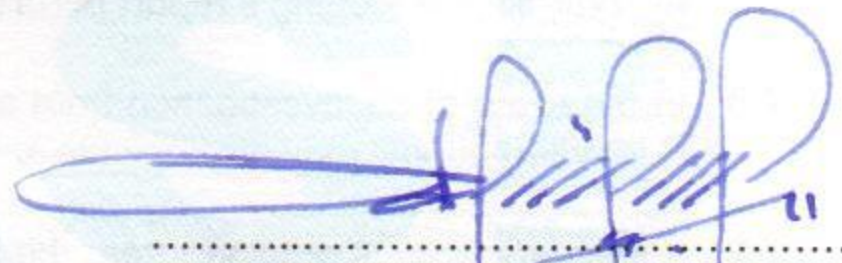
Description of  
test result : The submitted test sample as described in this test report complied with  
the requirement of the above Reference Standard.

Issued date : **09 SEP 2011**

Approved Signatories



.....  
**MOHD AZLAN BIN MUSTAFFA, CPLP**  
Senior Testing Executive



.....  
**HAJI MOHD ADZHAR BIN AHMAD**  
Head  
Mechanical Section  
Testing Services Department



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## RESULTS

Tests	Unit	Sample: Drainage Module	
		3 Partition	4 Partition
1. Toughness Test using 120 x 120 mm footprint pad Ultimate compressive load	kgf	207.8	272.9
2. Toughness Test by uniformly distributed load Ultimate compressive load	kgf	4624	5176
3. Fatigue Strength (5 Cycles)	Peak force (kg)	4000	4000
a) Deflection ( After 5 cycles of 4000kg in 10s duration per cycle).	Deflection @ Peak (cm)	0.84	0.72
b) % of deformation	%	5.62	6.49

**Observation:**

Upon completion of the test, all the samples were found in **satisfactory** condition.

