



**Plastics Technology Group**  
**Advanced Polymer & Composites Programme**  
**SIRIM Berhad**  
(Company No. 367474-V)  
Tel: (603) 55446031/40 Fax: (603) 55446039

*CONFIDENTIAL*

**EVALUATION REPORT**

Title: **Evaluation of "CT Wood Ceiling Strip"**

Report No.: PTC/ER08/196

Date: 4 June 2008

Project No.: P08238

Sample: CT Wood Ceiling Strip

Company Name: Composite Technology Wood Sdn. Bhd.

Address: Lot 3232, Jalan Paya Mengkuang  
Padang Lembu  
08330 Gurun  
Kedah.

Evaluated by:

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Rosli Bin Ahad

Checked by:

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Dr Norzalia Sulaiman



Approved by:

.....  
Dr Ahmad Fuad Md. Yusuf  
Head of Programme  
Plastics Technology Group



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TOTAL NO. OF PAGES: 3	PAGE: 2
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**Test Methods/Specifications:**

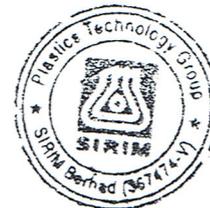
- 1) ASTM D 638 - 2003: Standard Test Method for Tensile Properties of Plastics.
- 2) ASTM D 570 - 2005: Standard Test Method for Water Absorption of Plastics.
- 3) ASTM D 6117 - 1997: Standard Test Methods for Mechanical Fasteners in Plastic Lumber and Shape.

**Conditioning of Sample Prior to Test:**

Test specimens were conditioned at  $27\pm 2^{\circ}\text{C}$  and  $65\pm 5\%$  RH in accordance to ISO 291:1997 (tropical environment) prior to testing. The conditioning period was at least 40 hours.

**Sample Identification:**

Ten (10) cut pieces of wood composite indicated as "CT Wood Ceiling Strip", colour brown were received on 23 May 2008.





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**Results:**

**“CT Wood Ceiling Strip”**

No.	Property	Result	Test Method
1	Tensile Strength, MPa	21	ASTM D 638
2	Elongation at Break, %	6	Crosshead speed: 50 mm/minute Specimen type: Dumbbell Type I Gauge length: 50 mm
3	Water Absorption, %	0.25	ASTM D 570
4	Nail Withdrawal Test, N	105	ASTM D 6117
5	Screw Withdrawal Test, N	312	Crosshead Speed: 2.5 mm/minute

