

REPORT NUMBER: 130506004SHJ-BP-1R1

ORIGINAL ISSUE DATE: May 20, 2013

REVISION DATE: May 27, 2013

EVALUATION CENTER

Intertek Testing Services Ltd., Shanghai Jinqiao Branch
Building T52-8, No. 1201 Gui Qiao Road,
Jinqiao Development Area, Pudong District
Shanghai 201206

RENDERED TO

**NEWTECHWOOD COMPOSITE MANUFACTURING CO., LTD
NGA INDUSTRIAL PARK, DALING, HUIDONG, GUANGDONG
PROVINCE, PRC**

PRODUCT EVALUATED

UltraShield Composite Decking

EVALUATION PROPERTY

Coefficient of Linear Thermal Expansion

Report of Testing UltraShield Composite Decking for compliance with the applicable requirements of the following criteria: *ASTM D696-2008, Coefficient of Linear Thermal Expansion*

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Applicant's name: NEWTECHWOOD COMPOSITE MANUFACTURING CO., LTD
Address: NGA INDUSTRIAL PARK, DALING, HUIDONG, GUANGDONG PROVINCE, PRC
Manufacturer's name: NEWTECHWOOD COMPOSITE MANUFACTURING CO., LTD
Sample Description:
Product: UltraShield Composite Decking
Brand Name : —
Model: US01
Samples Quantity: 3
Date Received: May 6, 2013
Date Test Conducted: May 17, 2013
Test Method: ASTM D696-2008
Test Result: Refer to "Testing and Evaluation Results"

Reported by:

Reviewed by:



Torres Qi
Testing Engineer, Intertek Building Products

Jodie Zhou
Technical Supervisor, Intertek Building Products

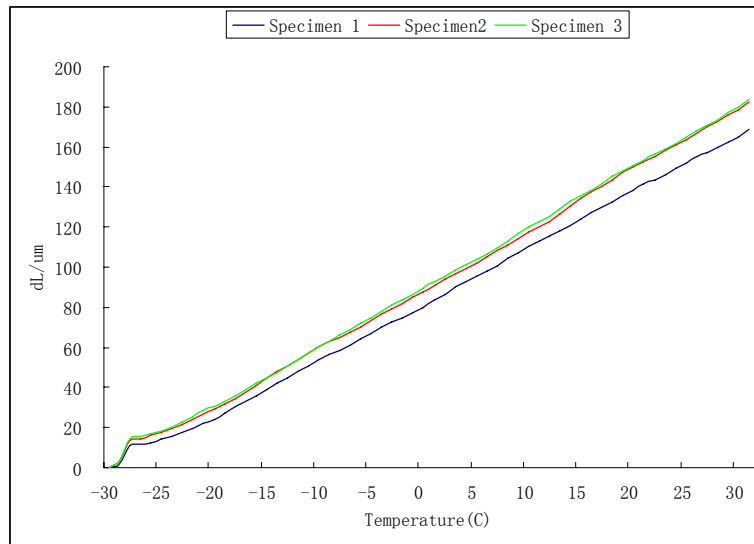
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Testing and Evaluation Results

| Sample Type | Standard | Character | Result |
|------------------------------------|----------------|---|--|
| UltraShield Composite Decking US01 | ASTM D696-2008 | Coefficient of Linear Thermal Expansion | 36.3 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$ |

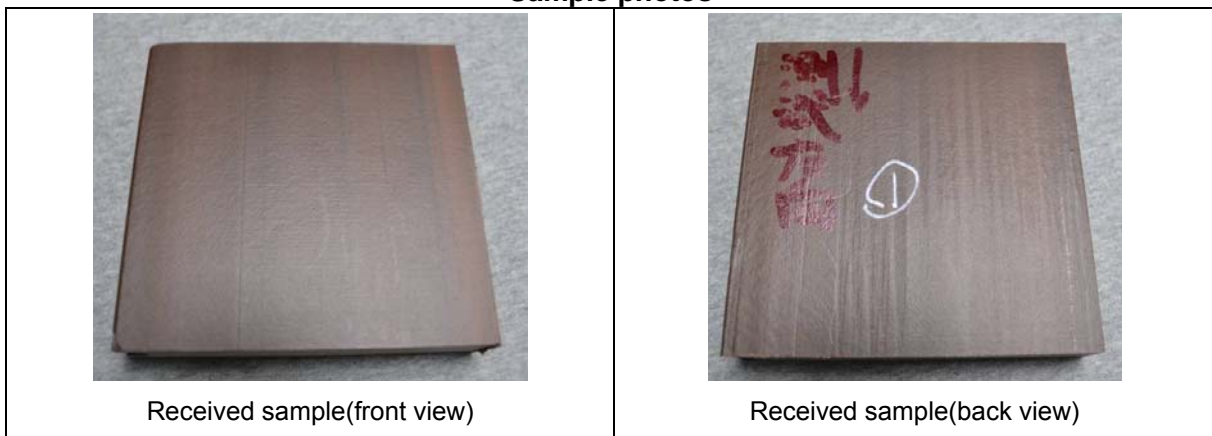
Note:

1. The test temperature was from -30°C to $+30^{\circ}\text{C}$.
2. The test direction was length direction.
3. Detail curve was shown below.



| Specimen | 1 | 2 | 3 |
|-------------|-------|-------|-------|
| Length (mm) | 80.00 | 80.22 | 80.16 |

Sample photos



Revision Page

| Revision No. | Date | Changes | Author | Reviewer |
|--------------|--------------|---------------------------|-----------|------------|
| 0 | May 20, 2013 | First issue | Torres Qi | Jodie Zhou |
| 1 | May 22, 2013 | Modify the applicant name | Torres Qi | Jodie Zhou |
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