

**Test Report**

Report Number:140307002SHJ-BP-1

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

**Original Report Date: April 14, 2014****Sample Description:**

Product: UltraShield Composite Decking  
Model: UH07, UH02, US02 and US01  
Samples Quantity: 4 pieces  
Sample Photos (Received): See Appendix

Sample ID: S140307002SHJ-001~004  
Date Received: Sep 01, 2013  
Date Test Conducted: Sep 02, 2013~Apr 01, 2014


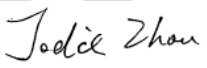

**Tests Conducted:**

Test Methods: ASTM G154-2012a Cycle 1

**Conclusion:**


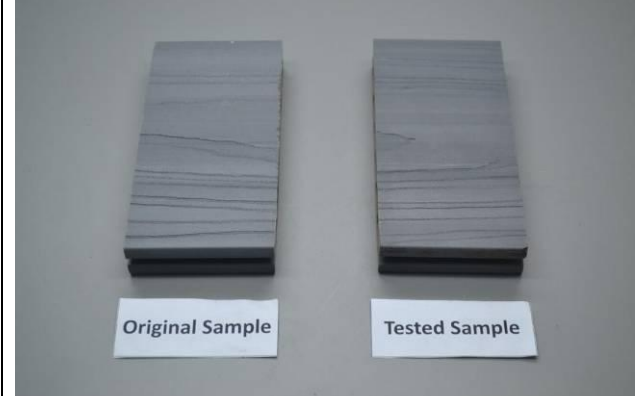


For details refer to attached page(s).  
The conclusions of this test report may not be used as part of the requirements for Intertek product certification.  
Authority to Mark must be issued for a product to become certified.

Should you have any queries about the test report, please contact:

Approved by:	Checked by:	Prepared by:
		
Sun Sun Supervisor	Jodie Zhou Technical Supervisor	Torres Qi Testing Engineer

**Test Items, Method and Results:**

Test Method: ASTM G154-2012a Cycle 1

	
<p>Model: US02, Part showed some color change. There was no other visible surface damage. After 3000 hours test, <math>\Delta E^*=3.75</math> Gray Scale 3.</p>	<p>Model: UH02, Part showed some color change. There was no other visible surface damage. After 3000 hours test, <math>\Delta E^*=3.56</math> Gray Scale 3.</p>
	
<p>Model: UH07, Part showed some color change. There was no other visible surface damage. After 3000 hours test, <math>\Delta E^*=3.64</math> Gray Scale 3.</p>	<p>Model: US01, Part showed some color change. There was no other visible surface damage. After 2500 hours test, <math>\Delta E^*=2.72</math> Gray Scale 3-4.</p>

**Note:**

1. Model US01, 2000 hours weathering test was from 2013-9-2 to 2014-1-6. 2500 hours weathering test was from 2014-1-21 to 2014-2-19. Sample was conducted at 23°C and 50%R.H. from 2014-1-7 to 2014-1-20.
2. Model US02, Model UH02 and Model UH07, 2000 hours weathering test was from 2013-9-2 to 2014-1-6. 2500 hours weathering test was from 2014-1-21 to 2014-2-19. 3000 hours weathering test was from 2014-3-7 to 2014-4-1. Sample was conducted at 23°C and 50%R.H. from 2014-1-7 to 2014-1-20. Sample was conducted at 23°C and 50%R.H. from 2014-2-20 to 2014-3-6.

**Appendix:**



Model: UH02



Model: UH07



Model: US02



Model: US01

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The End of Report

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