

Test Report

Report Number:150922004SHF-BP-1R1

Applicant Name: XINCAI AIKEN Metal Technology Co., Ltd**Original Report Date: October 16, 2015****Revised Date: October 19, 2015****Applicant Address: North of Yueliangwan Road,
Industrial Cluster, XINCAI City, Henan Province****Attn: LI NA NA****Sample Description:**

Product: Aluminum Core Composite Panel
Model: ALUCOPER-01
Samples Quantity: 11 pieces
Sample ID: S150922004SHF-001~046
Date Received: 2015-09-14; 2015-09-23
Date Test Conducted: 2015-09-22~2015-10-16

Tests Conducted:

Test Methods: Please see the next page(s).

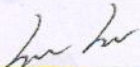
Conclusion:

For details refer to attached page(s). Supersede or Amendment to Report No. 150922004SHF-BP-1(Change the attn name)

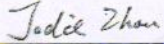
The conclusions of this test report may not be used as part of the requirements for Intertek product certification. Authority to Mark must be issued for a product to become certified.

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

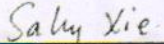
Approved by:


Sun Sun
Assistant Manager

Checked by:


Jodie Zhou
Senior Technical Supervisor

Prepared by:


Sally Xie
Technical Supervisor

Test Report

Report Number:150922004SHF-BP-2

Test Items, Method and Results:

Test item	Test method	Test result
Core shear properties (3-point mid-span loading, span 200mm) ¹	ASTM C393/C393-11 ^{e1}	Core shear ultimate strength: 0.91 Mpa Facing stress: 130.7 MPa
Tensile properties of facing aluminium panel ¹	ASTM E8/E8M-15a	Tensile strength: 172.9 MPa Elongation: 8.4%
Tensile strength	ASTM C297/C297M-15	0.81 MPa
Facing Peel torque	ASTM D1781-98(2012)	270 mm·N/mm
Unit area weight	In house method	4594 g/m ²

Note 1: Declared by client, the nominal total thickness of Aluminum Core Composite Panel is 4.0mm, facing aluminium panel thickness is 0.7mm, and backing aluminium panel thickness is 0.5mm.

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Appendix A: Sample photos

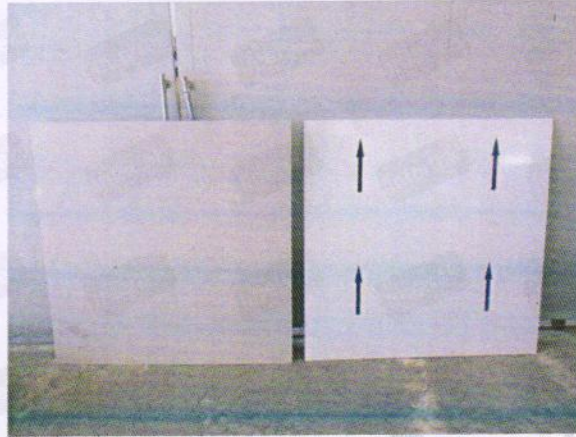


Fig 1 Sample received on 2015-09-14, Aluminum Core Composite Panel

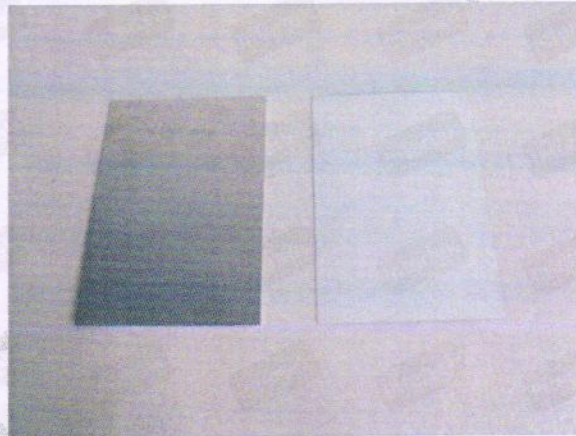


Fig 2 Sample received on 2015-09-23, Aluminium panel

The End of Report

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