

TEST REPORT

SCOPE OF WORK

Fibre Cement Eaves and Soffit Lining Sheet

REPORT NUMBER

220217006GZU-001

TEST DATE(S)

From 1/26/2022 to 4/18/2022

ISSUE DATE

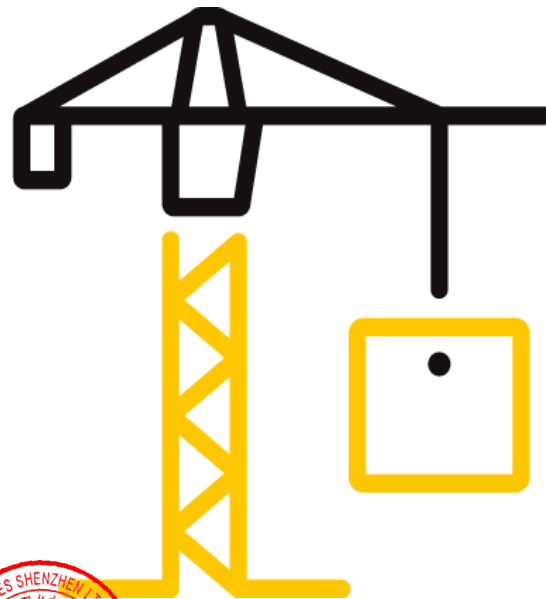
4/19/2022

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Intertek Testing Services Shenzhen Ltd. Guangzhou Branch



DOCUMENT CONTROL NUMBER

TTRF_Performance_02a

Effective data:2020-12-30

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- 5.All the tests results give the statement of conformity refer to the decision rule of "Procedure 2 " Accuracy Method" as stated in the IEC Guide 115:2007.



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Client Information:

Applicant Name	
Address	
Attn	

Product Information:

Product Name	Fibre Cement Eaves and Soffit Lining Sheet	Sample Description	Good Condition
Model and/or type reference	4.5mm	Received Date	1/24/2022
Sample ID.	S220217006GZU-001	Sample Amount	100 pcs
Specification	/	Brand	FC
Manufacturer	/		
Address	/		
Test Type	Performance test, samples provided by the applicant		

Test Methods And Standards:

Test Standard	AS/NZS 2908.2: 2000
Specification Standard	AS/NZS 2908.2: 2000
Test Conclusion	The submitted samples were complied with the tests on AS/NZS 2908.2:2000

Laboratory information:

Testing Laboratory	Intertek testing services Shenzhen Ltd. Guangzhou Branch
Test location	Room 4103 & 4203, No. 63 Punan Road, Huangpu District, Guangzhou, China

Report Authorized :

Authorized By:

Jeff Deng
Reviewer

Checked By:

Kelming Wang
Project Engineer

Noted: If you have any questions for the report, please contact: lillian.lf.he@intertek.com

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Test Items, Method and Results:

AS/NZS 2908.2:2000			
Clause	Requirement - Test	Result - Remark	Verdict
5.1	Dimensional and geometrical characteristics		
5.1.1	Nominal length and width The manufacture shall specify the nominal length and width of the sheets.	2400 mm*1200 mm, smooth surface	—
5.1.2	Thickness The manufacture shall specify the nominal thickness of the sheets.	4,5 mm	—
5.1.3	<p>Tolerance on dimensions Tolerances on nominal dimensional are as follow: a) \varnothingn length and width (indicated by d): d\leq1000mm: \pm5mm; 1000mm<d\leq1600mm: \pm0,5%; d>1600mm: \pm8mm; These tolerances do not apply to oversize sheets. b) \varnothingn thickness, e: e\leq6mm: \pm0,6mm; e>6mm: \pm10%.</p> <p>For sheet without texture on the exposed face the maximum difference between extreme values of the thickness measurements within one sheet shall not exceed 15% of the maximum measured value.</p>	<p>Measured average length: 2399 mm Maximum deviation: -2 mm Measured average width: 1200mm Maximum deviation: -0,1% Measured average thickness: 4,5 mm Max. deviation: -0,1 mm</p>	P
5.1.4	Tolerance on shape		
5.1.4.1	Straightness of edges The tolerance on the straightness of edges is 3mm/m for the relevant dimension (length or width).	Measured: average 0,4mm/m(length)	P
5.1.4.2	Squareness of edges The tolerance on squareness of sheets is 4mm/m.	Measured: average 0,2 mm/m	P

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5.2	Mechanical and physical characteristics		
5.2.2	<p>Apparent density</p> <p>The manufacture shall specify in his literature the minimum apparent density for each category of sheet. When tested in accordance with the method specified in 8.1.2.2 the density shall be not less than this value.</p>	<p>Measured: average 1,35g/cm³</p> <p>From 1,35g/cm³ to 1,36g/cm³</p>	—
6	Type characteristics		
6.1	<p>Bending strength</p> <p>When tested in specified in 8.2.1, In equilibrium and wet condition, the average modulus of rupture of each individual piece of the finished products shall not be less than the values for the appropriate category specified in table 1.</p>	<p>Wet condition:</p> <p>MOR average: 12,59MPa,</p> <p>minimum: 11,55MPa</p> <p>Type A, Category 3</p>	P
6.2	<p>Water permeability</p> <p>When test as specified in 8.2.2, traces of moisture may appear on the underside of the sheet, but in no Instance shall there be formation of drops of water.</p>	<p>No formation of drops of water was found after being tested.</p>	P
6.3	<p>Frost resistance</p> <p>When sheets are tested as specified in 8.2.3, after 50 freeze-thaw cycles, the limit L1 of the average ratio r1, as defined in 8.2.3.4, shall not be less than 0,75.</p>	<p>Wet condition:</p> <p>MOR average: 12,18MPa,</p> <p>minimum: 11,07MPa</p> <p>L₁=0,91</p>	P
6.4	<p>Warm water</p> <p>When sheets are tested as specified in 8.2.4, the limit L1 of the average ratio r1, as defined in 8.2.5.4, shall be greater than 0,75.</p>	<p>Wet condition:</p> <p>MOR average: 13,44MPa,</p> <p>minimum: 12,66MPa</p> <p>L₁=1,02</p>	P

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6.5	<p>Heat-rain</p> <p>When sheets are tested as specified in B5, any visible cracks, delamination, warping and bowing or other defects in the sheets shall not be of such a degree as to affect their performance in use.</p>	<p>No visible cracks, delamination, warping and bowing or other defects in the sheets.</p>	P
6.6	<p>Soak-dry</p> <p>When sheets are tested as specified in 8.2.5, the limit L1 of the average ratio r1, as defined in 8.2.5.4, shall be greater than 0,75.</p>	<p>Wet condition:</p> <p>MOR average: 13,47MPa, minimum: 12,56MPa L_i=1,03</p>	P

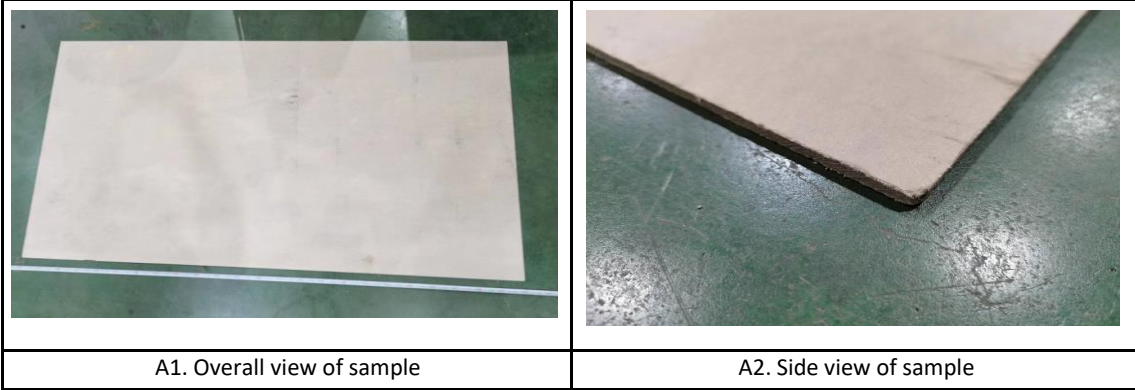


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Appendix A: Sample Received Photo



Revision:

Revision No.	Date	REVISION	Reviser	Reviewer
/	/	Original Report Issue	/	/

*****End of Report*****