Durakwikstone

TEST REPORT

SCOPE OF WORK
Ledgestone Panel

REPORT NUMBER
200422012SHF-001

TEST DATE(S)
2020-04-24 - 2020-05-11

ISSUE DATE
2020-05-14

PAGES
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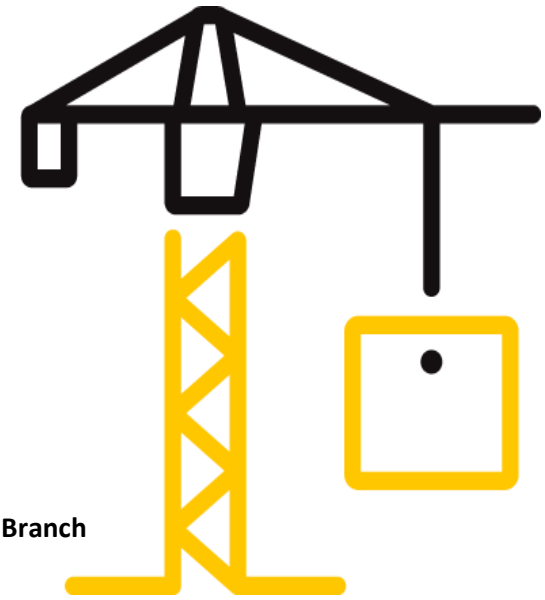

Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch

Test Report

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Test Report

Issue Date: 2020-05-14 Intertek Report No. 200422012SHF-001

Applicant: Durakwikstone

Address: No.2 Huashan Road, Gaoyou City, Jiangsu, China

Attn: Jianyao Zhen

Test Type： Performance test, samples provided by the applicant.

Product Information

Product Name	Ledgestone Panel	**Brand**	/
Sample Description	Good Condition	**Sample Amount**	6 sets
		Received Date	2020-04-20

Sample ID	**Model**	**Specification**
S200422012SHF.001~006	308	120*30cm

Test Methods And Standards

Test Standard	Refer to ASTM E330/E330M-14 Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference
Specification Standard	/
Test Conclusion	The samples were tested according to the above standards, and the results are shown in the following page.

Note:

1.This report relates specifically to the sample(s) that were drawn and provided by the applicant or their nominated third party. The reported result(s) provide no warranty or verification on the sample(s) representing any specific goods and/or shipment and only relate to the sample(s) as received and tested.

Report Authorized

Name: Zac Zhang Name: Amber Chen

Title: Reviewer Title: Project Engineer

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Test Report

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Test Items, Method and Results:

1 Test Result

A full scale of samples and the sample installation drawings were provided by the manufacturer and the samples were not weathered nor conditioned.

Table 1 Positive Load Test

Panel #	Observations
1	There was no any damage of the panel at the ultimate load of 200 psf.
2	There was no any damage of the panel at the ultimate load of 200 psf.
3	There was no any damage of the panel at the ultimate load of 200 psf.
Note: The load was applied to the panel and increased in 15 psf increments and the load was held for 10 seconds at each increment. The ultimate load is 200 psf.	

Table 2 Negative Load Test

Panel #	Observations
1	The panel was broken at the test load of 115 psf.
2	The panel was broken at the test load of 140 psf.
3	The panel was broken at the test load of 124 psf.
Note: The load was applied to the panel and increased in 10 psf increments and the load was held for 10 seconds at each increment.	

A photograph showing the typical mode of failure is provided in the fig.4 of the report

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Appendix A: Sample Installation Drawings:

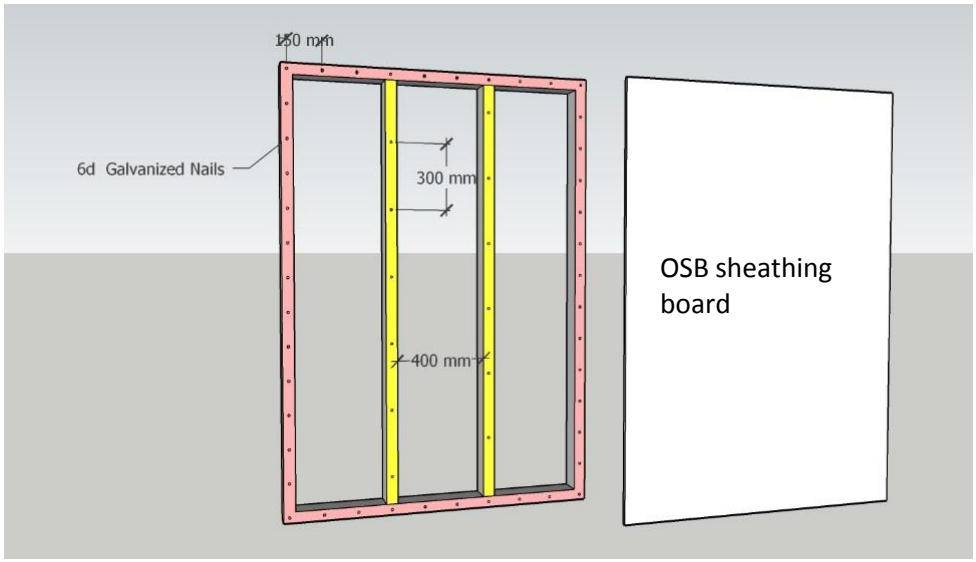

Fig.1 Location of nails to fix the OSB sheathing board to the wood frame

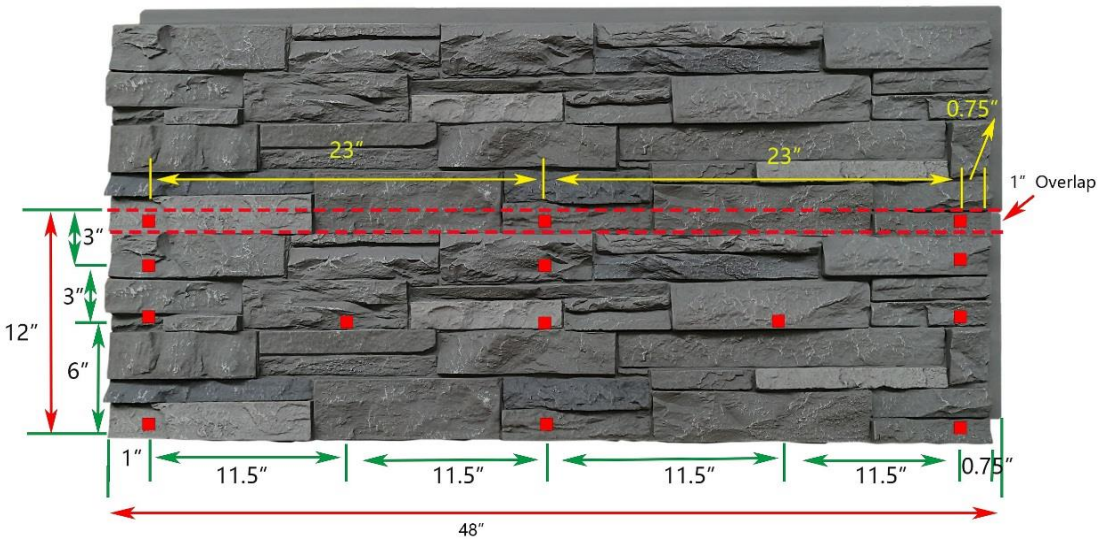

Fig.2 Location of nails to fix the panel to the OSB sheathing board

Appendix B: Testing Pictures:

Fig.3 Negative load test set-up

Fig.4 The typical mode of failure on negative load test

Fig.5 Positive load test set-up

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Appendix C: Sample Received Photos

Fig.6 Front view

Fig.7 Back View

Revision:

NO.	Date	Changes	Author	Reviewer
200422012SHF-001	2020-05-14	First issue	Amber Chen	Zac Zhang