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Wayne Building Products Inc.

TEST REPORT

REPORT ISSUED TO
Wayne Building Products Inc.
12603-123 Street
Edmonton, AB T5L 0H9

SCOPE OF WORK
Report of testing Uncoated Lux V Groove Steel Panels for compliance with the applicable requirements of the following criteria: CAN/ULC S114-05, Standard Method of Test for Determination of Non-Combustibility in Building Materials

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1500 Brigantine Drive
Coquitlam, BC, V3K 7C1

Telephone: 604-520-3321
Facsimile: 604-524-9186
www.intertek.com

TEST REPORT FOR WAYNE BUILDING PRODUCTS INC.

Report No.: 103251249
Date: November 16, 2017

The samples of Uncoated Lux V Groove Steel Panels, submitted by Wayne Building Products Inc., were tested in accordance with CAN/ULC S114-05, Standard Method of Test for Determination of Non-Combustibility in Building Materials

The product test results are presented in Section 7 of this report.

Salvatore Balletta
TECHNICIAN
BUILDING PRODUCTS

Greg Philp
Reviewer
BUILDING PRODUCTS CANADA

SECTION 1

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SECTION 2
OBJECTIVE

Intertek Testing Services NA Ltd. (Intertek) has conducted testing for Wayne Building Products Inc. to evaluate the surface burning characteristics of Uncoated Lux V Groove Steel Panels. Testing was conducted in accordance with the standard methods of CAN/ULC S114-05, Standard Method of Test for Determination of Non-Combustibility in Building Materials.

This evaluation began November 14, 2017 and was completed November 14, 2017.

SECTION 3
SAMPLE SELECTION

Samples were submitted to Intertek directly from the client and were not independently selected for testing. The sample material was received at the Evaluation Center on November 8, 2017.

SECTION 4
SAMPLE ASSEMBLY AND DESCRIPTION

The sample materials consisted of Uncoated Lux V Groove Steel Panels. The material measured 0.57mm thick by 38mm by 38mm pieces. Eighty-nine pieces were stacked and tied together using steel wire to make one specimen.

Prior to testing of the samples at the Intertek Coquitlam laboratory they were placed in an oven to dry at a temperature 60 ± 3°C (140 ± 5°F) for not less than 24 hrs and no more than 48 hrs. After being dried the samples were cooled to room temperature before being tested.

SECTION 5
TESTING AND EVALUATION METHODS

TEST STANDARD

Each test specimen measured 38 mm by 38 mm by 50 mm. After the specimens were conditioned, they were weighed and then tested in accordance with the test standard. The material shall be reported as non-combustible if:

A The mean of the maximum temperature rise for the three (or more) specimens of the sample during the test does not exceed 36°C; and

B There is no flaming of any of the three (or more) specimens during the last 14 minutes and 30 seconds of the test; and
Note: Any surface flash, transitory flaming or sustained flaming constitutes flaming for the purpose of this requirement.

C The maximum loss of mass of any of the three (or more) specimens during the test does not exceed 20 per cent.

Three of four specimens must meet the above conditions in order to be considered non-combustible in accordance with CAN/ULC S114-05.

SECTION 6
RESULTS AND OBSERVATIONS

TEST RESULTS

Sample Number	Allowable Temp. Rise (°C)	Temp. Rise Above Initial (°C)	Flaming After 30 Secs.	Weight Loss (%)	Pass/Fail
1	36	0	No	0	Pass
2	36	0	No	0	Pass
3	36	0	No	0	Pass
4	36	0	No	0	Pass

TEST OBSERVATIONS

There was no visible smoke or surface ignition on any of the samples.

SECTION 7
CONCLUSION

The samples of 0.57mm wide Uncoated Lux V Groove Steel Panels submitted by Wayne Building Products Inc., therefore meets the requirements to be classified as non-combustible in accordance with CAN/ULC S114-05, *Standard Method of Test for Determination of Non-Combustibility in Building Materials*.

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.

REVISION SUMMARY

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