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Wayne Building Products Inc.

TEST REPORT

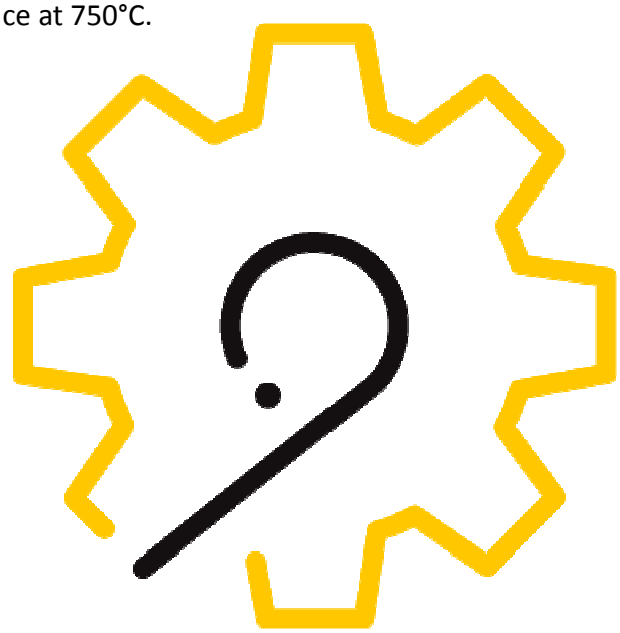
REPORT ISSUED TO
Wayne Building Products Inc.
12603-123 Street
Edmonton, AB T5L 0H9

SCOPE OF WORK
Report of testing Uncoated Lux V Groove Steel Panels for compliance with the applicable requirements of the following criteria: ASTM E136-16 Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C.

REPORT NUMBER
103251249COQ-002

ISSUE DATE
16-November-2017
PAGES
14

DOCUMENT CONTROL NUMBER
GFT-OP-10b (13-March-2017)



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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 ASTM E136-16 Standard Test Method for Behaviour of Materials in a Vertical Tube Furnace at 750°C.

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
INDEX

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 ASTM E136-16 Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C.

This evaluation began November 15, 2017 and was completed November 16, 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 0.70mm 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

After the specimens were conditioned, they were weighed and then tested in accordance with ASTM E136-16, option A. The standard states that; three of four samples must meet the individual specimen criteria detailed in section 15.2 or 15.3.

15.2 When the weight loss of the specimen is less than 50%:

15.2.1 The recorded temperatures of the surface and interior thermocouples do not at anytime during the test rise more than 30 °C above the stabilized temperature at T_2 prior to the test.

15.2.2 There is no flaming from the specimen after the first 30 seconds.

15.3 When the weight loss of the specimen is over 50%:

15.3.1 The recorded temperatures of the surface and interior thermocouples do not at anytime during the test rise above the stabilized temperature at T2 prior to the test.

15.3.2 There is no flaming from the specimen at anytime during the test.

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	30	0	No	0	Pass
2	30	0	No	0	Pass
3	30	0	No	0	Pass
4	30	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 0.70mm thick Uncoated Lux V Groove Steel Panels submitted by Wayne Building Products Inc., therefore meets the requirements of ASTM E136-16, Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750ºC, Option A.

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

DATE	PAGE	SUMMARY
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