

TEST REPORT

Intertek

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EVALUATION CENTER
Intertek Testing Services NA Ltd.
1500 Brigantine Drive
Coquitlam, B.C. V3K 7C1

RENDERED TO

Sagiper North America
13179 156 Street NW
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PRODUCT EVALUATED: Rigid Vinyl Siding
EVALUATION PROPERTY: Rate of Burn

Report of testing Rigid Vinyl Siding material for compliance with the applicable requirements of the following criteria: ASTM D635-14, *Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position.*

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1 Table of Contents

	PAGE
1 Table of Contents	2
2 Introduction	3
3 Test Samples	3
3.1. SAMPLE SELECTION	3
3.2. SAMPLE AND ASSEMBLY DESCRIPTION	3
4 Testing and Evaluation Methods.....	3
4.1. TEST STANDARD.....	3
5 Testing and Evaluation Results	4
5.1. RESULTS AND OBSERVATIONS.....	4
6 Conclusion	5
REVISION SUMMARY	

2 Introduction

Intertek Testing Services NA Ltd. (Intertek) has conducted testing for Sagiper North America on Rigid Vinyl Siding to evaluate the rate of burn properties. Testing was conducted in accordance with ASTM D635-14, *Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position*. This evaluation began July 25, 2016 and was completed July 26, 2016.

3 Test Samples

3.1. SAMPLE SELECTION

Samples were submitted to Intertek directly from our Mississauga testing laboratory and were not independently selected for testing. The sample panels were received at the Evaluation Center on July 5, 2016.

3.2. SAMPLE AND ASSEMBLY DESCRIPTION

Upon receipt of the samples at the Intertek Coquitlam laboratory the samples were placed in a conditioning room where they remained in an atmosphere of $23 \pm 3^{\circ}\text{C}$ ($73.4 \pm 5^{\circ}\text{F}$) and $50 \pm 5\%$ relative humidity.

The sample material consisted of rigid vinyl siding. The test specimens were cut from the submitted sample material using a band saw. Ten specimens were cut to a size of 125mm long by 13.0mm wide by approximately 2.6 mm thick.

4 Testing and Evaluation Methods

4.1. TEST STANDARD

This standard is used to measure and describe the response of materials, products, or assemblies to heat and flame under controlled conditions, but does not by itself incorporate all factors required for fire hazards or fire risk assessment of materials, products, or assemblies under actual fire conditions.

5 Testing and Evaluation Results

5.1. RESULTS AND OBSERVATIONS

Rigid Vinyl Siding

Specimen No.	Linear Burn Rate (mm/min.)	Maximum Allowable Burn Rate (mm/min.) for Specimens > 3mm & < 13mm
1	0	40
2	0	
3	0	
4	0	
5	0	
6	0	
7	0	
8	0	
9	0	
10	0	
Average	0	

Observations: There are no visible signs of combustion after the ignition source was removed. This was the case for all ten samples.

The measurement of the linear rate of burn is calculated by timing the progression of flaming or glowing between a mark 25mm along the sample and a mark 100mm along the sample.

6 Conclusion

The Rigid Vinyl Siding submitted by Sagiper North America, therefore met the requirements of ASTM D635-14, *Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position*. The material meets the classification of HB (Horizontal Burn) as referenced in the Appendix of ASTM D635-14, section X1.2 *Category Designation*.

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.

INTERTEK TESTING SERVICES NA LTD.

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DATE	PAGE(s)	SUMMARY
July 26, 2016	--	Original Issue Date