

CLIENT: POLYGAL INC
Attn: Mark Dailey
9405 D. Ducks LN
Charlotte, NC 28273

Test Report No: TJ1296-8	Date: May 28, 2013
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SAMPLE ID: The Client submitted and identified the following test material as “**20MM TOPGAL STANDING SEAM**”.

SAMPLING DETAIL: Test samples were submitted to the laboratory directly by the client. No special sampling conditions or sample preparation were observed by QAI.

DATE OF RECEIPT: Samples were received at QAI facilities on May 8, 2013

TESTING PERIOD: May 30, 2013


AUTHORIZATION: Proposal SP050613-3 approved on May 6, 2013

TEST PROCEDURE: The submitted sample was tested for Rate of Burning and/or extent of time of burning of plastics in a horizontal position in accordance to procedures outlined in ASTM D 635-06.

TEST RESULTS: Results can be found on the following pages and apply only to the sample tested.

CLASSIFICATION: The sample received a **CC-1** classification in accordance with The International Building Code – 2006.

Prepared By


Jared Weise
Fire Test Technician

**Signed for and on behalf of
QAI Laboratories, Inc.**


J. Brian McDonald
Operations Manager



SAMPLE: 20MM TOPGAL STANDING SEAM
Equipment Number: 061-10

TEST DATE: 5/30/13

Conditioning Treatment: 70 °F
 Temperature and Humidity at time of Testing: 70.0°F

Relative Humidity: 50 ± 5% for 48 hours
 Relative Humidity: 50%

Data:

<u>Specimen Number</u>	<u>Dimensions (mm)</u>	<u>Burning Time (sec)</u>	<u>Burned Length (mm)</u>	<u>Burn Rate (mm/min)</u>
1	126 x 11.25 x 4.3	0	0	0
2	126 x 11.25 x 4.3	0	19	0
3	126 x 11.25 x 4.3	0	0	0
4	126 x 11.25 x 4.3	0	0	0
5	126 x 11.25 x 4.3	0	0	0
6	126 x 11.25 x 4.3	0	0	0
7	126 x 11.25 x 4.3	0	0	0
8	126 x 11.25 x 4.3	0	0	0
9	126 x 11.25 x 4.3	0	0	0
10	126 x 11.25 x 4.3	0	0	0
AVERAGE	126 x 11.25 x 4.3	0	0	0

- * - Specimen ceases to burn before reaching the 25mm gauge mark
- ** - Specimen ceased to burn before reaching the 100mm gauge mark

Observations: Charring of the sample, no visible flaming combustion

NOTES:

Class CC1: "Plastic materials that have a burning extent of 1 inch (25.4mm) or less where tested at a normal thickness of 0.060 inch (1.5mm), or in the thickness intended for use, in accordance with ASTM D 635"

Class CC2: "Plastic materials that have a burning rate of 2.5 inches per minute (1.06 mm/sec) or less where tested at a normal thickness of 0.060 inch (1.5mm), or in the thickness intended for use, in accordance with ASTM D 635"

CBC: Cannot Be Classified. This description is for any test results that do not meet CC1 or CC2 criteria.

The CC rating is in accordance with the International Building Code-2006.

End of Report

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