

**CLIENT: INPRO CORPORATION.**

S80 W18766 Apollo Dr.  
Muskego, WI 53150  
Matt Bennett

**Test Report No: RJ0597-3**

**Date: March 12, 2010**

**SAMPLE ID:** The Client submitted and identified the following test material as BioPolyPETG+ G2 .060" Sheet adhered to cement board with InProbond adhesive, BioPolyPETG+ G2 .060" Sheet adhered to cement board with 3m Fastbond 30NF adhesive and BioPolyPETG+ G2-700 Wall Guard.

**DATE OF RECEIPT:** Samples were received on March 4, 2010.

**TESTING PERIOD:** March 1 & 8, 2010.

**AUTHORIZATION:** Testing authorized by Matt Bennett.

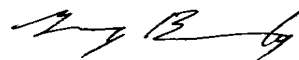
**TEST REQUESTED:** Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with ASTM Designation E84-08, "Standard Method of Test for Surface Burning Characteristics of Building Materials". The foregoing test procedure is comparable to UL 723, ANSI/NFPA No. 255, and UBC No. 8-1.

**TEST RESULTS:** For detailed results see page 2.

**Prepared By**

  
Brian Ortega  
Test Technician

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

  
Greg Banasky  
Supervisor Fire Technology



**SUMMARY OF ASTM E84 RESULTS:** Because of the possible variations in reproducibility, the results are adjusted to the nearest figure divisible by 5. Smoke Developed values over 200 are rounded to the nearest figure divisible by 50.

| <b><u>SAMPLE IDENTIFICATION</u></b>  | <b><u>FLAME SPREAD</u></b> | <b><u>SMOKE DEVELOPED</u></b> |
|--|----------------------------|-------------------------------|
| BioPolyPETG+ G2 .060" Sheet adhered to cement board with InProbond adhesive        | 25                         | 195                           |
| BioPolyPETG+ G2 .060" Sheet adhered to cement board with 3m Fastbond 30NF adhesive | 25                         | 175                           |
| BioPolyPETG+ G2-700 Wall Guard   | 20                         | 195                           |

**SUMMARY OF ASTM E84 RESULTS:** Because of the possible variations in reproducibility, the results are adjusted to the nearest figure divisible by 5. Smoke Density values over 200 are rounded to the nearest figure divisible by 50.

In order to obtain the Flame Spread Classification, the above results should be compared to the following table:

| <b><u>NFPA CLASS</u></b> | <b><u>IBC CLASS</u></b> | <b><u>FLAME SPREAD</u></b> | <b><u>SMOKE DEVELOPED</u></b> |
|--------------------------|-------------------------|----------------------------|-------------------------------|
| A                        | A                       | 0 through 25               | Less than or equal to 450     |
| B                        | B                       | 26 through 75              | Less than or equal to 450     |
| C                        | C                       | 76 through 200             | Less than or equal to 450     |

**BUILDING CODES CITED:**

1. National Fire Protection Association, ANSI/NFPA No. 101, "Life Safety Code", 2006 Edition.
2. International Building Code, 2006 Edition, Chapter 8, Interior Finishes, Section 803.