

# **BOSTIK INC**

# **LETTER REPORT**

**SCOPE OF WORK**

NFPA 285 EVALUATION OF FIRE PROPAGATION CHARACTERISTICS OF BOSTIK INC'S  
SMART ADHESIVE SYSTEM WITH A PORCELAIN PANEL SYSTEM ASSEMBLY

**REPORT NUMBER**

G104773952SAT-005 R1

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## LETTER REPORT

May 23, 2022

Intertek Report No. G104773952SAT-005 R1

Intertek Project No. G104773952

Bostik Inc  
11320 Watertown Plank Rd  
Wauwatosa, WI 53226

**Subject:** NFPA 285 Evaluation of fire propagation characteristics of Bostik Inc's Smart Adhesive system with a Porcelain panel system assembly

This letter report represents the results of our evaluation of the above referenced product(s) to the requirements contained in the following standards:



**NFPA 285-2019**, *Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Wall Assemblies Containing Combustible Components*

Intertek Testing Services NA, Inc. (Intertek) has conducted testing for Bostik Inc on their Smart Adhesive Product on a Porcelain Panel System, to evaluate its fire resistance. Testing was conducted in accordance with **NFPA 285, Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Wall Assemblies Containing Combustible Components, 2019 edition**. This evaluation was conducted on November 12, 2021.

TEST REQUIREMENTS	TEST RESULTS	PASS/FAIL
Flames are not to reach 10 ft. above the window opening header.	Flames did not reach 10 ft. above the window opening header.	<b>PASS</b>
Flames are not to reach a lateral distance of 5 ft. from the vertical centerline.	Flames did not reach a lateral distance of 5 ft. from the vertical centerline.	<b>PASS</b>
Flames are not to propagate beyond the limits of the first story test room.	Flames did not propagate beyond the limits of the first story test room.	<b>PASS</b>
No visible flaming allowed in the second story test room	No visible flaming in the second story test room.	<b>PASS</b>
TC's 11 and 14-17 (1000°F limit)	TC's 11 and 14-17 did not exceed their 1000°F limit.	<b>PASS</b>
TC's 18-19, 28, and 31-40 (1000°F above ambient)	TC's 18-19, 28, and 31-40 did not exceed their 1000°F above their ambient temperatures.	<b>PASS</b>
TC's 49-54 (500°F above ambient)	TC's 49-54 did not exceed 500°F above their ambient temperatures.	<b>PASS</b>

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## LETTER REPORT

Completed by:	Philip G. Casso, P.E.	Reviewed by:	Abel de Hoyos Senior Project Manager – Fire Resistance
Title:	Project Engineer	Title:	Fire Resistance
Signature:		Signature	
Date	05/23/2022	Date:	05/23/2022

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REVISION #	DATE	REVISION
0	05/25/22	Original Report Issue
1	05/26/22	Made changes to client information. 