

Universal Laboratory, Inc.

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Garland, Texas 75040-6710

Date: 2-23-2016

TEST REPORT

Test No.: 41035

For: PaperStone Products
2999 John Stevens Way
Hoquiam, WA 98550

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Contact: Mike Miller

Background: PaperStone Products submitted 2' x 20' of panels for Flame Spread Test Per ASTM E84 2015b and Smoke Generation. Delivered to ULI in good condition on 2-09-2016. All testing and sample preparation performed by Universal personnel with no outside services required. The following information is provided:
Order Entry Log Date: 2/09/2016 Log #482132

Scope: ASTM E84 – 15b 1.2 The purpose of this test method is to determine the relative burning behavior of the material by observing the flame spread along the specimen. Flame spread and smoke developed index are reported. However, there is not necessarily a relationship between these two measurements.

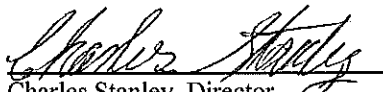
Product Identification: Color: SLATE PANELS 21" Wide X 20' Long for ASTM E 84 Testing

Test Results: Material:	Composite	Identified as: SLATE (Black)
Thickness:	1/2"	
Calibration Media	Red Oak/Cement Board	
Moisture:	4.5%	
Draft Inches:	.75	
Leakage Test:	Acceptable	
Air Velocity Average Ft/Min:	140	
Gas:	Propane	
Preheat Temperature:	485°F	
Flame Spread Index	105	
Smoke Generation (SDI) (Density)	195	
Flame Spread	8'	

Observation: Ignition Time:	120 Seconds
Time to Max:	15 Minutes
Charring:	Mostly
Dripping:	None

CONCLUSION: Meets Class A for Flame Spread of 25 or Less.

Note: "We certify that all portions of each test performed were under continuous, direct supervision of this laboratory."


Charles Stanley, Director