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Test Report

Customer: Mannington Commercial

June 26, 2013

Subject: Specimens of the submitted sample were prepared and tested in accordance with the procedures proposed by the National Institute of Standards and Technology (formerly National Bureau of Standards), Technical Note 708 and NFPA 258, ASTM E 662-06.

SMOKE DENSITY TEST (NIST)

Operating Conditions

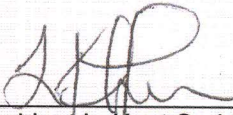
Irradiance: 2.5 watts/cm² G Factor 132
 Thermal Exposure: Flaming
 Furnace Voltage: 97
 Burner Fuel: Propane

Sample Description

Style: Stock
 Back: Infinity Modular

Test Results

	#1	#2	#3	Average
Chamber Temperature, °F (start)	95	95	95	
Chamber Pressure	Maintained positive, under 3" H ₂ O			
Minimum Transmittance (TM), % at, minutes	26%	10%	11%	
	4.07	3.82	4.10	4.00
Maximum Specific Optical Density (DM) Clear Beam, (DC)	209	264	259	244
	31	39	35	35
DM, CORRECTED (DMC)	178	225	224	209
Specific Optical Density at 1.5 minutes	16	33	26	25
Specific Optical Density at 4.0 minutes	209	259	259	242
Time to 90% DM, minutes	3.45	2.93	3.55	3.31
Time to DS = 16, minutes	1.50	1.33	1.38	1.40



 President L. Kent Suddeth