

Independent Textile Testing Service, Inc.

Test Number: 146821

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Test Report

Customer: UPOFLOOR

August 27, 2014

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/cm ² | G Factor | 132 |
| Thermal Exposure: | Non-flaming | | |
| Furnace Voltage: | 101 | | |
| Burner Fuel: | -- | | |

Sample Description

Upofloor Zero 5703
 Contract Sheet
 Date of Manufacturing 25th June 2014

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), % | 11% | 78% | 67% | |
| at, minutes | 20.00 | 20.0 | 20.00 | 20.00 |
| Maximum Specific Optical Density (DM) | 259 | 278 | 287 | 275 |
| Clear Beam, (DC) | 2 | 2 | 2 | 2 |
| DM, CORRECTED (DMC) | 257 | 276 | 285 | 273 |
| Specific Optical Density at 1.5 minutes | 1 | 1 | 1 | 1 |
| Specific Optical Density at 4.0 minutes | 23 | 20 | 19 | 21 |
| Time to 90% DM, minutes | 18.20 | 18.47 | 18.60 | 18.42 |
| Time to DS = 16, minutes | 3.40 | 3.63 | 3.75 | 3.59 |

 President L. Kent Suddeth