



**February 10, 2020**

**RE: Flame Spread Ratings of States Industries panels.**

**Fire ratings may be specific to local fire protection jurisdictions; however National Fire Protection Association, Life Safety Code, NFPA 101 is generally recognized throughout the United States. NFPA 101 list 3 flame spread categories;**

<b>Class A</b>	<b>0 to 25 Flame Spread</b>
<b>Class B</b>	<b>26 to 75 Flame Spread</b>
<b>Class C</b>	<b>76 to 200 Flame Spread</b>

**States Industries maintains Third-Party Certification to Building Materials with Surface Burning Characteristics (flame spread, smoke, etc.). States regularly conducts third-party testing of our products against the most current revision of ASTM E-84, Standard Test Method for Surface Burning Characteristics of Building Materials in order to comply with HUD Standard 24 CFR requiring Class C Flame Spread, as well as to provide assurance with our Industrial Panels. States undergoes a Third-Party Audit annually to maintain Certification. We have maintained full compliance throughout our 50<sup>+</sup>-year history.**

**Most wood products, including veneer cored hardwood plywood, typically meet Class C Flame Spread which is common in many building codes. Years of testing on various constructions and panel types confirm this, with most Flame Spread results in the 100 – 160 range. A Statements of Compliance for a specific panel or construction, however, requires testing of the specific material in question.**

**Class A Flame Spread rating is attainable with the specification of fire rated MDF or particleboard cores. While adhesive choices may impact Flame Spread performance, pre-finishing and face and back veneer choices thinner than 1/28", which includes most species, do not affect the flame spread ratings of fire rated cores. Specifications are unique to individual core manufacturer's products.**

**States can arrange testing of specific items at the expense of the requesting party. Contact your States Industries LLC representative if you have additional questions.**

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