



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;

Class A	0 to 25 Flame Spread
Class B	26 to 75 Flame Spread
Class C	76 to 200 Flame Spread

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⁺-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.

Andrew Weiner
Vice President - Technology
States Industries
29545 Enid Road East
P.O. Box 7037
Eugene, OR 97401
541-688-7871 office
541-517-3652 cell
aweiner@statesind.com