

Certifications & Performance Standards

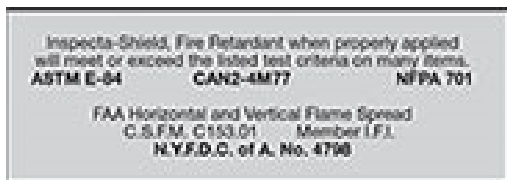
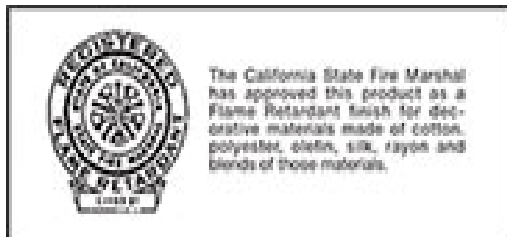


Certifications:

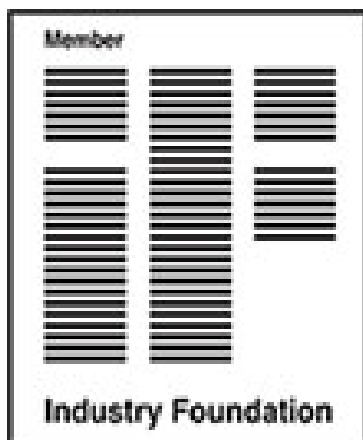
- U.S. & International Patents Issued
- NFPA Certified (701/253/255)
- UL Classified – 79P1
- ASTM Certified (84/143/162/3597)
- Extensive International Certification
- ISO Certified (5657)

Inspecta Shield Plus Performance Standards

North American



- Fed. Test Method 191A – method 5903
- DOT MVSS-302
- Fed. Spec. PP-F-320D (fiberboard, corrugated & solid sheet stock)
- NFPA-701 Large Scale Tests
- NFPA-701 Small Scale Tests
- ASTM Standard Method of Test E 648-84
- ASTM E-84 Test on Olefin Wall Covering
- 94HB Flammability Test on Particle Board
- Bursting Strength Test on Corrugated Board
- OSU Heat Release Test
- ASTM E-84 Test on Plywood & Pine Lumber
- ASTM E-162
- NFPA 255
- UL 723
- UBC 42-1
- FAA Vertical & Horizontal
- CAN 204.2 M77
- MEA #311-90-M Vol. II ASTM D 3597 – Abrasion (Cotton)
- ASTM E- 143 – Static Bend (Douglas Fir)
- I.S.O. – 5657
- CSFM Title 19-1237 & 1237.1
- N.Y.F.D. C of A No. 5020 & 5024
- NFPA 253
- NASA – WSTF #90-23883 (A & B)
- WHB 8060.1B (Coverall Textile)
- CSFM Listed C-153.01 Textile
- CSFM Listed 1224.100 Lumber
- U.S.C.G
- Carbon ARC Exposures DOT method SAE 1885 (Automotive Textile)





International

Australian Standards 1530 Part 3 Fire Hazard Properties of Pine Radiata

Australian Standards 12mm Pinus Radiata Plywood Early Fire Hazard Test

French: M1 & M3

British: BS 5852

Kuwait: K.O.C.

Scandinavia:

- Nordtest NT Fire 007 Sisal
- Nordtest NT Fire 004 Heat Release & Smoke Generation (Below curve meeting DIN 4102)
- NT Fire 004 (Below curve 1) Pine Lumber

German: DIN #4101, Class 1

Toxicity Tests of Inspecta Shield Plus

Acute Oral Toxicity Study (Hazelton Laboratories America, Inc.)

Primary Dermal Irritation Study (Hazelton Laboratories America, Inc.)

Combustion Toxicity Test (Anderson Laboratories, Inc.)

Flame Retardant Paints and Varnishes

ASTM E-84 (30 minute) – Standard Test Method for Surface Burning Characteristics of Building Materials.

ASTM E-119 – Standard Test Methods for Fire Tests of Building Construction and Materials.

ASTM E-2768 – Standard Test Method Extended Duration Surface Building Characteristics of Building Materials.

UL 263 – Fire Resistant Rated Assemblies

NFPA 251 – Standard Method of Test of Fire Endurance of Building Construction and Materials.

NFPA 286 – Standard Method of Fire Test for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth.

UL 723 – Test for Surface Burning Characteristics of Building Materials.

CAN/ULC-S-101 – Standard Test Method of Test of Fire Endurance of Building Construction and Materials.