

Architectural Specifications



TruCedar® Steel Siding

TruCedar® siding is made from roll formed 0.016" galvanized steel, complying with ASTM A653/A653M and has a minimum yield and ultimate strength of 33,000 and 55,000 psi. Finished product measures 12' in length and is available in Single 6", Single 6" Dutch Lap, Double 4", Single 8", and in 10' length in 6" Board and Batten and 10" Board and Batten.

Coating Characteristics

Solid colors: Fluoropon (PVDF hybrid).
HD Woodgrain colors: Super Polyurethane.
SunMaster50® Paint System. 1.2 mil nominal film top coat and .4 mil backer with a gloss range of 6° to 12° on 60° photovolt meter.

Adhesion of Film

No blistering or loss of adhesion after immersion in distilled boiling water for a minimum of 4 hours followed by a minimum 4 hour freeze test.

Finish shall not be removed from cross hatched lines scored 1/8" apart after application of number 600 Scotch Tape.

Flexibility

Reverse impact: Garner impact tester - 5/8" Steel Ball, 120 inch lbs.

Bending: OT 180° bend, 29 gauge steel

Elongation

Withstands 25-40% elongation.

Tensile Strength

Complies with ASTM A653.

Accelerate Tests

Humidity Cabinet: Panels given 90° bend and subjected to 100% Relative Humidity at 100°F (+/- 5°F) for 1,000 hours; no blistering, cracking, loss of gloss or peeling and no softening after 24 hour recovery.

Fire Rating

Meets SFM 12-7A-1 Wildfire code ratings through Intertek ATI Testing Laboratories. Construction Requirement are as follows: 15/32" FR (Fire Rated) Plywood, one layer of Tyvek® standard house wrap and Quality Edge TruCedar® Steel Siding.

ASTM E84 Class A Fire rating: Zero flame spread.

Salt Spray

When subject to a 5% salt solution (ASTM B117), shall withstand 1,000 hours exposure without blistering or loss of adhesion. QE warrants installations further than 1,500 ft. from the ocean.

Weatherometer

Tested in accordance with ASTM D822-57T after period of 2,000 actual light hours with humidity control shall show no cracking, crazing or loss of adhesion. Chalking: No greater than ASTM D 659-44 No.10 rating, based on a scale of 10 being excellent, no more than 8 Hunter E units. Color Change (fade): No more than 5 Hunter E units.

Recyclable

100% Recyclable. Reduced gas emissions, energy consumption and landfill footprint.



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