Material Ratings and Performance

Roofing Material Specifications
- Slate: ASTM A653 CS Type B - 28 gage G90 galvanized steel.
- Shake: ASTM A653 CS Type B Steel - 30 gauge G90 galvanized steel (Generations and Infiniti).
- Minimum slope: 4" in 12".
- Coverage: 12" x 50" (4.17 sq. ft.) panel.
- Qty per box: 12 panels/50 sq. ft.
- Weight per box: 47 lbs (slate).
- Weight per box: 37 lbs (shake).
- Clip material: 0.024" galvanized steel.
- 70% PVDF finish: Exterior finish is 1 mil thickness with anti-corrosive primer.
- Wash coat: Interior finish is a 0.2 mil thickness with anti-corrosive primer.

Roofing Product Ratings
- Florida Building Code - FL4077 (Shake).
- Texas Dept of Insurance - RC-170 (Shake).
- Canadian Construction Materials Centre - CCMC 13880-R (Shake).
- Uplift Resistance - UL-1897: Up to 160 mph rating with 5 clips and screws.
- UL-2218 Hall/Impact Resistance: Class 4 rating (highest possible rating).
- UL-790 Fire Resistance: Class A over Versadeck, Class C over Versafield, Class C over 304 felt paper.

Roofing Coating Performance
- ASTM D-3361 Accelerated Weathering: Hours: 1,000. Chalk: Rating B; Color: 5E Hunter units maximum.
- ASTM B - 117 Salt Spray: Hours: 1,000; Sun exposure: 7,116 hr.; Field: rating 10, no adhesion loss or blisters.
- ASTM D-2247 Humidity: Hours: 1,500; Ratings: 10, no blistering, cracking or softening.
- ASTM D-4145 Formability: 01 to 1T.
- ASTM D-3363 Pencil Hardness: F to H.
- ASTM D-2794 Reverse Impact: 80 lbs with no loss of adhesion.
- ASTM D-523 Specular Gloss: B-12% at 60.
- ASTM D-522 (Elongation over 1/8") Cylindrical mandrel: No loss of adhesion.
- ASTM E-84 Flame Hazard Test: Class A/Class I coating.
- ASTM D-5402 Cure Test: 100 hours.
- ASTM A653 - Standard Specification for Steel Sheet, Zinc Coated (Galvanized) or Zinc-Iron Alloy Coated (Galvalume) by Hot-Dip Process.

Siding Material Specifications
- Siding: ASTM A653 CS Type B - 28 gage G90 galvanized steel.
- Base Metal Thickness: 0.015 inch (0.397 mm).
- Avg. Film Thickness: Entex finish is 1 mil thick.
- Paint Preparation: Both sides chemically cleaned with Henkel 8686 cleaner. Dry in place chrome conversion coating with Henkel Bondmette 1400VX applied to both sides.
- Qty per carton: D4" and 8" - 12 pieces (100 sq. ft); D5" Dutchlap - 10 pcs (100 sq. ft); Single 6" - 16 pcs (100 sq. ft); Vertical - 10 pcs (100 sq. ft).

Warranty Plus
- Transferable if the owner sells.
- Warranty Plus: The warranty is also non-prorated. The warranty is also transferable if the owner sells.

Program
- Warranty Plus
- Industry Standards

Warranty Plus Program
- Unmatched by EDCO.
- Product quality and innovation is at the heart of everything that we do - always has been, always will be. Since 1946, EDCO has manufactured the building industry's most extensive line of maintenance-free exterior products. With a relentless dedication to quality and service, our products are designed and built to stand the test of time.
- EDCO has become synonymous with inspiring style, unmatched durability and impeccable quality. Millions of homeowners have trusted EDCO to protect their most valuable assets - their home and family. Find out more about us at edcoproducts.com.
Architect Specifications


From churches to senior living complexes, from education facilities to retail store fronts, EDCO’s steel exterior building materials give architects versatility and countless design options that will easily complement any type of architecture. From roofing to siding, as well as soffit, fascia and trim, we have products to meet all of your design needs.

Steel roofing and siding give buildings the ability to withstand the most extreme weather conditions without compromising beauty and is backed by a lifetime, non-prorated limited warranty that includes materials and labor.

All of our products are 100% recyclable.
Architect Specifications


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All of our products are 100% recyclable.
Material Ratings and Performance

Roofing Material Specifications

- **Shingle**: ASTM A653 CS Type B Steel - 28 gauge Galvanized Steel
- **Shake**: ASTM A653 CS Type B Steel - 30 gauge Galvanized Steel (Generations and Infinity)
- **Minimum slope**: 4° in 12"
- **Coverage**: 12" x 50" (4.17 sq. ft.) panel
- **Qty per box**: 12 panels/50 sq ft.
- **Weight per box**: 37 lbs (shakes)
- **Clip material**: 0.04" Galvanized steel
- **70% PVDF finish**: Exterior finish is 1 mil thickness with anti-corrosive primer
- **Wash coat**: Interior finish is a 0.2 mil thickness with anti-corrosive primer

Roofing Product Ratings

- **Florida Building Code**: FL4077 (Shake)
- **Texas Dept of Insurance**: RC-170 (Shake)
- **Canada Construction Materials Centre**: CCMC 1388R (Shake)
- **Uplift Resistance**: UL-1897: Up to 160 mph rating with 5 clips and screws
- **UL 1897**: Uplift Tests for Roof Covering Systems
- **UL-2218 Hall/Impact Resistance**: Class A rating (highest possible rating)
- **UL-790 Fire Resistance**: Class A over Densideck, Class A over Versafield, Class C over 30A felt paper

Roofing Coating Performance

- **ASTM D-3361 Accelerated Weathering**: Hours: 1,000; Sun: Rating 8; Color: 81 Hunter units maximum
- **ASTM B-117 Salt Spray**: Hours: 1,000; Sun: Rating 7; Field: rating 10, no adhesion loss or blisters
- **ASTM D-2247 Humidity**: Hours: 1,500; Rating: 10; no blistering, cracking or softening
- **ASTM D-1415 Flexibility**: 01 to 1T
- **ASTM D-3363 Pencil Hardness**: 1 to H
- **ASTM D-2794 Reverse Impact**: 80 lbs with no loss of adhesion
- **ASTM D-523 Specular Gloss**: 8-12% at 60°
- **ASTM D-522 (Elongation over 1/8") Cylindrical mandrel**: No loss of adhesion
- **ASTM E-84 Flame Hazard Test**: Class A/Class 1 coating
- **ASTM D-5402 Cure Test**: 100 rubs
- **ASTM A653 - Standard Specification for Steel Sheet, Zinc Coated (Galvanized) or Zinc-Iron Alloy Coated (Galvannealed) by Hot-Dip Process**
- **ASTM D2244 - Standard Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates

Siding Material Specifications

- **Siding**: ASTM A653 CS Type B - 28 gauge Galvanized Steel
- **Base Metal Thickness**: 0.015 inch (0.397 mm)
- **Avg. Film Thickness**: Entex finish is 1 mil thick
- **Paint Preparation**: Both sides chemically cleaned with Henkel RS668 thinner. Dry in place chrome conversion coating with Henkel Bondrite 1400V applied to both sides.
- **Qty per carton**: D4" - 12 pieces (100 sq ft; D5" Dutchlap - 10 pcs/110 sq ft); Single 6" - 16 pcs (100 sq ft); Vertical - 10 pcs (100 sq ft)

Warranty Plus

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