

Technical Data

ALLOY OR EQUIVALENT

3105 type Galvanized Commercial Steel

DENSITY

0.38 lb/ft

MINIMUM ULTIMATE TENSILE STRENGTH

Complies with ASTM A653

MINIMUM ULTIMATE YIELD STRENGTH

30,000–55,000 psi

MINIMUM ELONGATION

>20%

MODULUS OF ELASTICITY

30

COEFFICIENT OF LINEAR EXPANSION

6.7 u-in/in/°F

MELTING RANGE

2600°F

THERMAL CONDUCTIVITY

32 BTU/hr-ft -°F

FLEXIBILITY

1-2T 180° bend

Reverse Impact:

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

MATERIAL

Steel

THICKNESS

0.020" (Vesta Panels)

0.016" (TruCedar & Accessories)

MATERIAL DATA

100% Recyclable

Recycled Content: 33-89%

VOC-free

Lead free

COATING

Vesta:

Kynar 500® (70% PVDF) – Woodgrains

Kynar® (50% PVDF) – Solids

TruCedar:

Kynar® (50% PVDF) – TruCedar Lap and Board & Batten

Kynar 500® (70% PVDF) – Shake Sidewall

STRUCTURAL PERFORMANCE RATING

ASTM E1592-05

IMPACT RESISTANCE RATING

UL2218 Class 4 Rating

FLAME SPREAD AND SMOKE DEVELOPED RATINGS

ASTM E84 -18b Class A Rating

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. SALT SPRAY

When subject to a 5% salt solution (ASTM B117), shall withstand 1,000

hours exposure without blistering or loss of adhesion.

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 ΔE units.

Color Change: No more than 8 Hunter ΔE units.

BUILDING CODE RATINGS

R703.3 Wall Covering Nominal Thickness and attachments.

Source: IRC 2018

Product Details

PRODUCT LINE

TruCedar® Steel Siding

Vesta Steel Siding®

Vesta Plank Soffit

TEXTURE

Vesta: Smooth

TruCedar: Embossed Woodgrain

APPLICATION

Horizontal: TruCedar, Vesta

Vertical: TruCedar Board & Batten, Vesta

Underdecking, Soffit and Porch Ceiling: Vesta

PATENT/COPYRIGHT

U.S. Patent Nos.: 10,508,455 | 10,760,282

U.K. Patent No.: 2,588,713

Canadian Patent Pending

© Sand Dollar Woodgrain Artwork VAU1-378-183

© Driftwood Woodgrain Artwork VAU1-378-232

© Autumn Thistle Woodgrain Artwork VAU1-378-233

© Gilded Grain Woodgrain Artwork VAU 1-382-425

COLOR AVAILABILITY

Solid & Woodgrain

Please see our Product Catalog and Spec Guide for complete color availability.

www.QualityEdge.com/Resources

TECHNICAL SUPPORT

Complete technical information and literature is available at:

www.QualityEdge.com/Support

INSTALLATION SUPPORT

Installation information is available at:

www.QualityEdge.com/Resources

WARRANTY

Applies only to building products installed in the fifty United States and

District of Columbia. For complete warranty information, registration

and claims, visit: www.QualityEdge.com/Warranties

MAINTENANCE

Remove any and all debris that may accumulate on the product during

its lifespan to keep it moisture free. Tighten any loose fasteners or trim

pieces as access allows. Do not attempt to repair or replace any parts of

the system without consulting a certified applicator. Repainting should

not be necessary through the duration of the warranty.

Quality Edge reserves the right to alter specifications without general notice or obligation to make similar changes in products previously manufactured.