

## Technical Data

### ALLOY OR EQUIVALENT

3105 type

### DENSITY

0.170 lb/ft

### MINIMUM ULTIMATE TENSILE STRENGTH

22,000-28,000 psi

### MINIMUM ULTIMATE YIELD STRENGTH

18,000-25,000 psi

### MINIMUM ELONGATION

1-3%

### MODULUS OF ELASTICITY

10

### COEFFICIENT OF LINEAR EXPANSION

13.1 u-in/in/°F

### MELTING RANGE

1190-1210°F

### THERMAL CONDUCTIVITY AT 77°F

1190 BTU-in/ft<sup>2</sup>-hr-°F

### HARDNESS

Rockwell 15T, 63-70

Gutter Coil & Components: Brinell 45HB

No-Mar Q5000® Trim Coil: H28 Partially Annealed, Full Hard

Fascia and Soffit: H28 Partially Annealed 3/4 Hard

### FLEXIBILITY

1T NC/NTO; For Fascia and Soffit, system flexibility varies with basecoat selection, NCCA No. 11-19; Q800 TuffTech™ coating 1-2T

### THICKNESS

Roofing Accessories: 0.016" - 0.024"

TruLine® HP Fascia: 0.024"

TruLine® TS Fascia: 0.019"

TruVent®, TruBead®, TruLine HP Soffit: 0.019"

TruLine TS Soffit: 0.016"

Porch Ceiling: 0.024"

Gutter Coil: 0.027"-0.032"

Gutter Components: 0.019" - 0.024"

Q800 TuffTech™ Trim Coil: 0.019" - 0.024"

No-Mar Q5000® Trim Coil: 0.019"

### MATERIAL DATA

100% Recyclable

VOC-free

Lead free

### COATING

Q800 TuffTech™ coating is applied at 0.6-0.8 mils, a pencil hardness of F-2H (ASTM D 3363) and flexibility of 1-2T. Specular gloss 60° ASTM D 523 is ± 5% of specification.

No-Mar Q5000® coating is applied at 0.6 - 0.8 mils, a pencil hardness of F-2H (ASTM D 3363) and flexibility of 1-2T. Specular gloss 60° ASTM D 523 is ± 5% of specification.

### ADHESION OF FILM

Cross-Hatch Adhesion: NCCA no.11-16, no loss of adhesion between coating and substrate to point of metal rupture with 1/8" cross hatch scribe pattern through coating to bare metal.

### ADHESION IMPACT

NCCA No. 11-6; 1.5x3 metal thickness inch-pounds, no loss of adhesion.

### ACCELERATE TESTS

Humidity Resistance: No visual change after 100% relative humidity for 1,000 hours per ASTM D2247-87; no blisters or loss of adhesion.

### SALT SPRAY

When subject to 5% salt solution at 95°F, shall withstand 1000 hrs. exposure with no field blistering, no more than 1/32" creep from the scribe, ASTM B117.

### QUV

When subject to 5% salt solution at 95°F, shall withstand 1000 hrs. exposure with no field blistering, no more than 1/32" creep from the scribe, ASTM B117.

### WIND LOAD

Applies to TruVent only. Meets 2015 NBCC-CAN/ULC-93.2-M91 for residential use, Type 1, Class F15, Cantilever and Wind Loading Requirements when tested in accordance with CAN2-93.1-M85.

## Product Details

### PRODUCT LINE

Roofing Accessories

Fascia

Soffit

Porch Ceiling

Gutter Coil

Gutter Components

Q800 TuffTech™ Trim Coil

No-Mar Q5000® Trim Coil

### TEXTURE

Smooth:

Roofing Accessories, Fascia, Soffit, Porch Ceiling, Gutter Coil & Components, Q800 TuffTech™ Trim Coil

Pebble:

No-Mar Q5000

Woodgrain:

TruLine, TruLine HP & TS Fascia, Q800 TuffTech™ Trim Coil

### COLOR AVAILABILITY

Please see our Product Catalog and Spec Guide for complete color availability. [www.QualityEdge.com/Resources](http://www.QualityEdge.com/Resources)

### TECHNICAL SUPPORT

Complete technical information and literature is available at: [www.QualityEdge.com/Support](http://www.QualityEdge.com/Support)

### INSTALLATION SUPPORT

Installation information is available at: [www.QualityEdge.com/Resources](http://www.QualityEdge.com/Resources)

### WARRANTY

For complete warranty information, registration and claims, visit: [www.QualityEdge.com/Warranties](http://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.