



HARNESS THE AIR

QUALITY EDGE SOFFIT



ARCHITECTURALLY
INSPIRED
AIRFLOW
DESIGN OVER FUNCTION

THE EVOLUTION OF THE OVERHANG

In the beginning there were wide wooden overhangs. Air conditioning and the double hung window hadn't been invented yet. Air moved slowly and so did time.

As years passed with the focus shifting to different parts of the homes' exterior the overhang was slowly diminished causing the homes health and architectural aesthetic to suffer!



2 foot



1 foot



6 inches



none



1 foot



2 foot



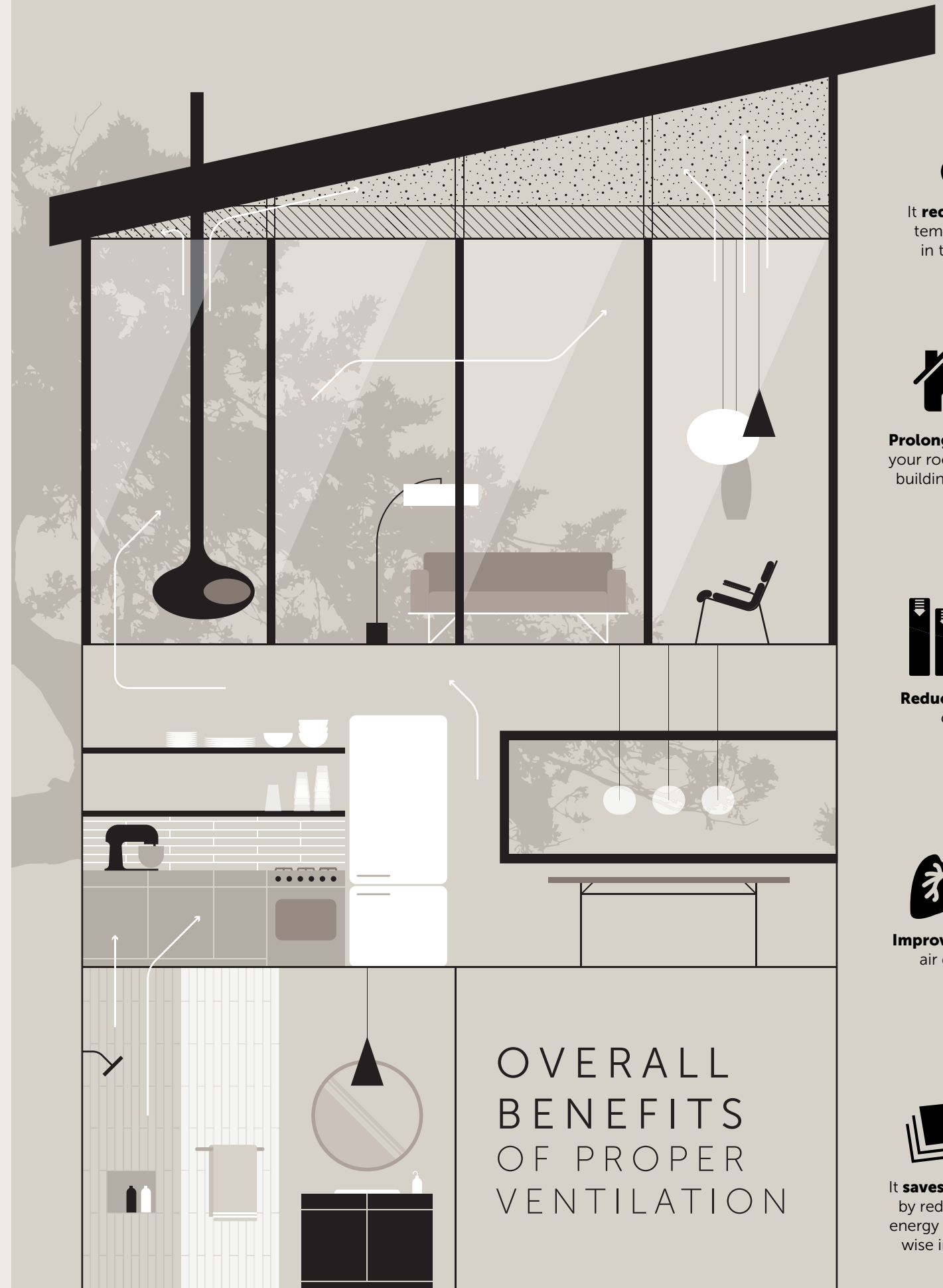
3 foot

A BALANCED HOME IS A BETTER HOME

In order to prevent attic air from **overheating, pressurizing and drawing into the home**, there must be equal amounts (or more) air entering through soffits than exiting through roof vent systems.

The U.S. Department of Energy recommends using a continuous roof ventilation system at the rooftop, and a continuous vented soffit system that provides more intake or net free area (NFA) at the eave edge than what is offered through the roof vent system.

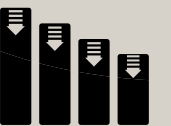
The problem is that most soffit panels today don't offer enough NFA to work with the amount of roof ventilation required for the majority of homes.



It **reduces** the temperature in the attic



Prolongs the life of your roof and other building materials



Reduces energy costs



Improves indoor air quality



It **saves** you money by reducing your energy bills and is a wise investment

OVERALL BENEFITS OF PROPER VENTILATION

INSIGHTS

Research shows that **most homes do not meet basic ventilation requirements**. Poorly ventilated homes have been tied to moisture buildup, mold, mildew and rot in attics that contribute to illnesses including asthma, allergies, and respiratory issues.

IT'S ESTIMATED THAT

70%

OF HOMES DON'T MEET
BASIC VENTILATION
REQUIREMENTS.

IT'S ESTIMATED THAT

90%

OF HOMEOWNERS ARE
BREATHING UNHEALTHY
INDOOR AIR.

IT'S ESTIMATED THAT

21%

OF ASTHMA CASES IN THE
US ARE ATTRIBUTED TO
DAMPNESS AND MOLD
IN THE HOME.

IT'S ESTIMATED THAT

91%

OF HOMES SHOW
ELEVATED ALLERGEN
LEVELS THAT COULD
LEAD TO ASTHMA AND
ALLERGY RELATED ISSUES.

BUILDING CODES

"Proper ventilation [more in-take through soffit than exhaust through roof vents] can lower the attic temperature by as much as 50°F, which significantly reduces the home's heating and cooling demands. Ridge and soffit vents help keep the attic space well-ventilated, preventing a build-up of moisture and reducing heat in summer. These vents can prolong the life of the roof."

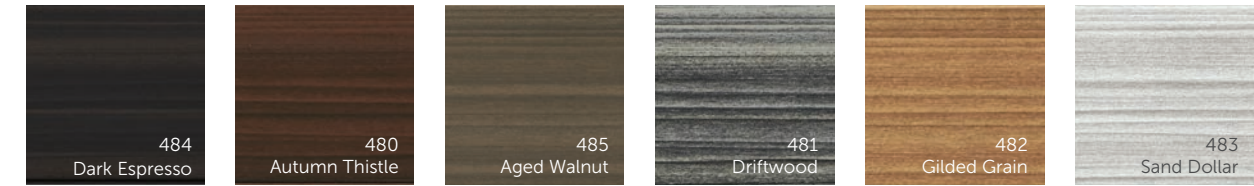
Typical one foot soffit overhangs should have at least an 11 NFA, so when used on both sides of the home will have a combined NFA of 22 to draw the air flow needed to work with a ridge vent system.

SOURCE: U.S. Department of Energy
https://web.archive.org/web/20120925234940/http://www1.eere.energy.gov/buildings/openhouse/soffit_vents.html/#

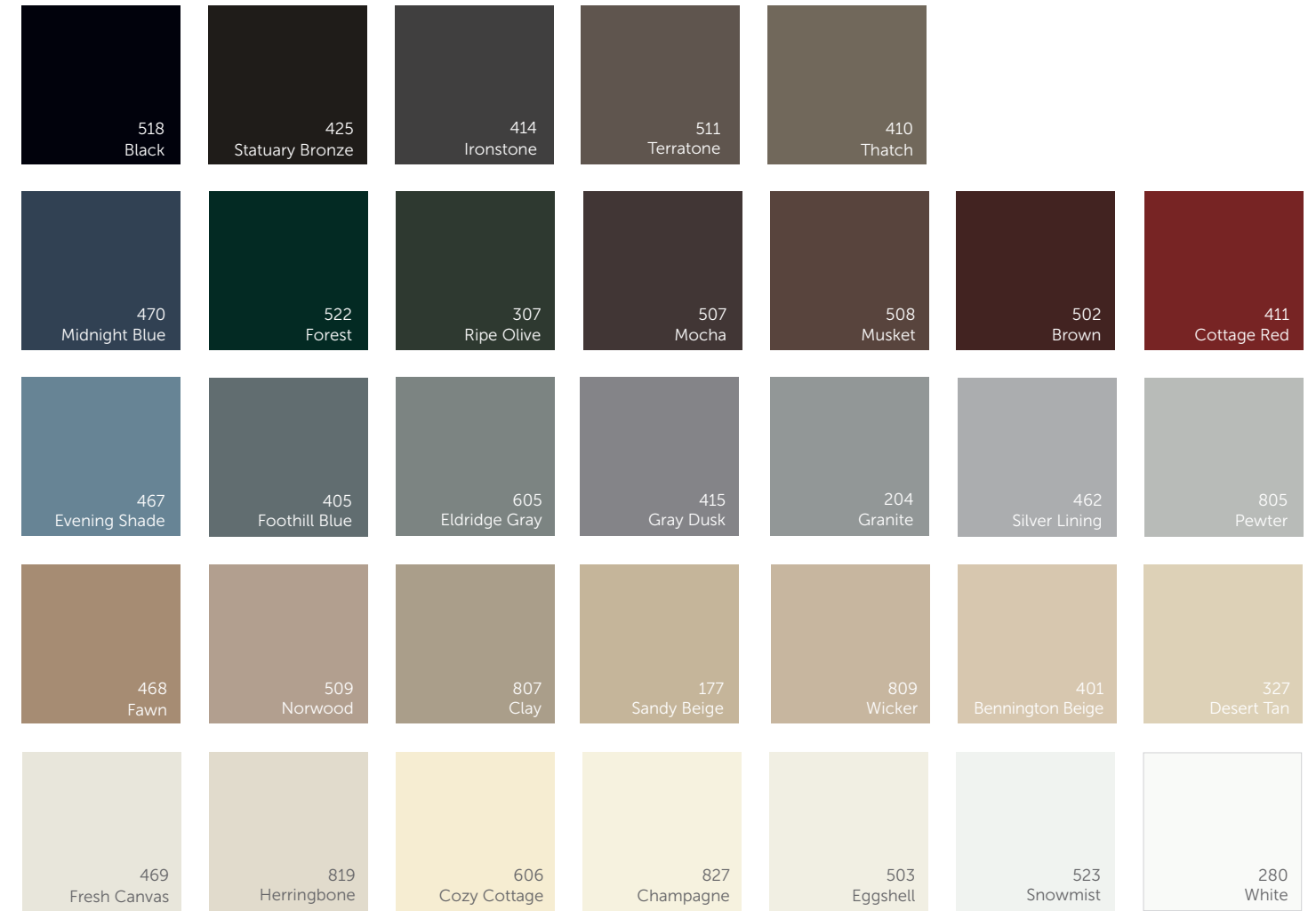


A **PALETTE**
TO SUIT
ANY EXTERIOR

VESTA® HD3 WOODGRAIN COLORS

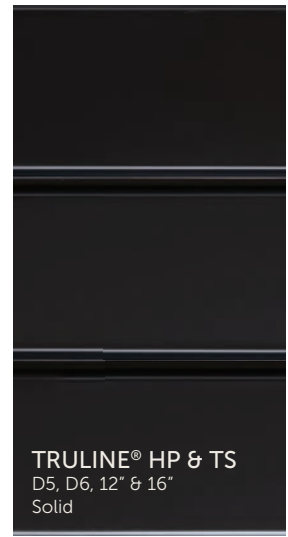


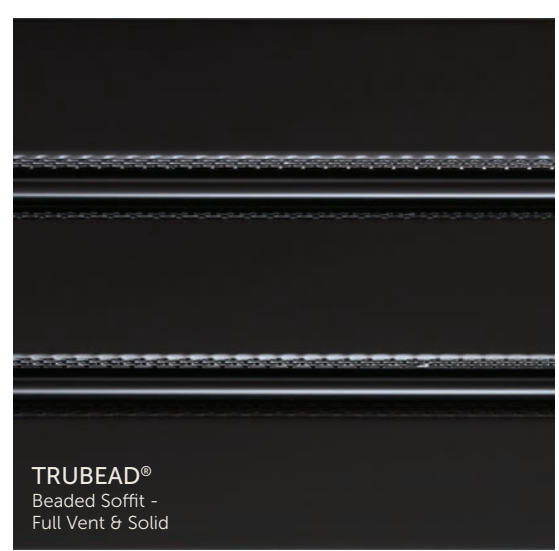
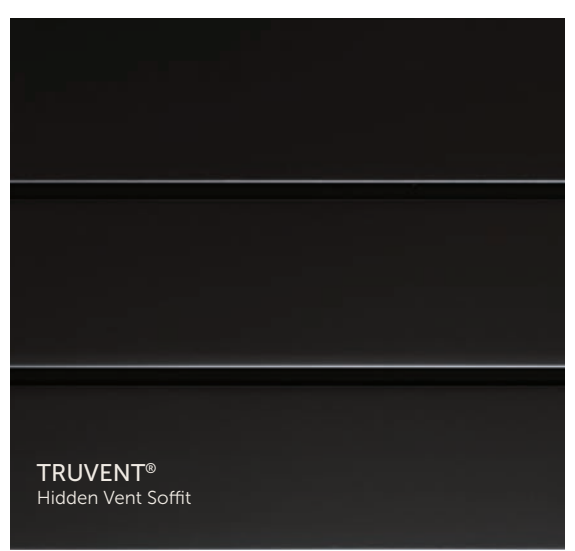
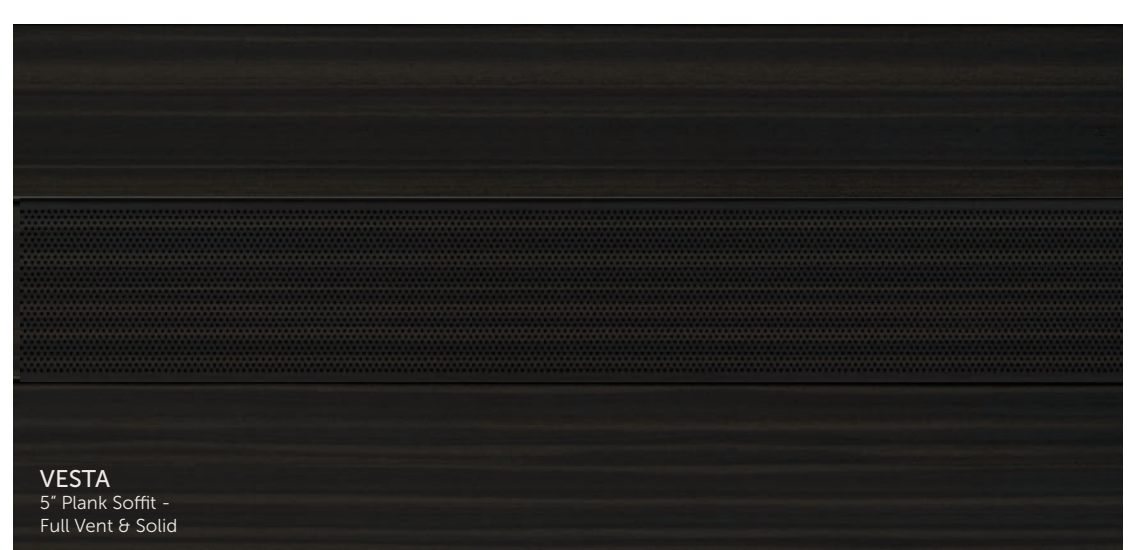


Q800 SOLID COLORS



From moody dark shades to warm neutral tones, bringing in natural woodgrain colors or warm white tones, soffit trends continue to draw from nature, bringing together layers that enrich any home.



<p>Exposed Ventilation</p>	 <p>TRULINE® HP & TS D5, D6, 12" & 16" Solid</p>	 <p>TRULINE® HP & TS 12" & 16" Center Vent</p>	 <p>TRULINE® HP & TS D5, D6, 12" & 16" Full Vent</p>
<p>Concealed Ventilation</p>	 <p>TRUBEAD® Beaded Soffit - Full Vent & Solid</p>		 <p>TRUVENT® Hidden Vent Soffit</p>
<p>Designer Ventilation</p>	 <p>VESTA 5" Plank Soffit - Full Vent & Solid</p>		

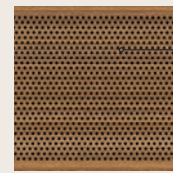
VESTA PLANK SOFFIT

Architectural Soffit

This uniquely designed woodgrain plank profile creates a naturally accurate look and not only promotes airflow efficiency but also eliminates the need for regular maintenance due to rapid deterioration of wood soffits.

Quality Edge® has durable, low-maintenance siding and accessories that complement Vesta Plank Soffit.

NFA (Net Free Area)	11.4 per panel
Construction	Perforated Plank Panel
Coating	Kynar 500®
Material	Steel
Recyclability	100%
Venting	Full Vent
Dimensions	5" Width 8 ft Lengths
Patents	US: 10,508,455 10,760,282 UK: 2,588,713 CA: Patent Pending

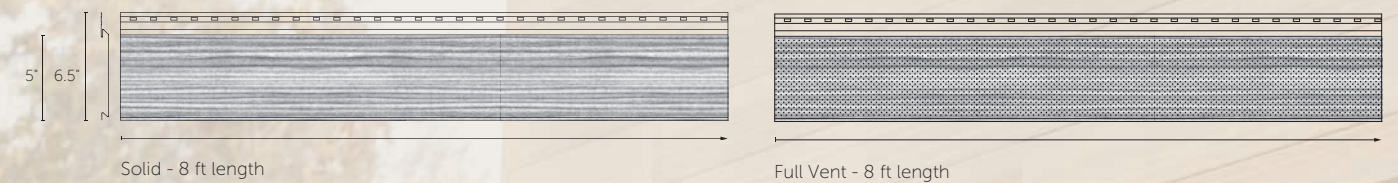


Matching HD3 woodgrain color blends perfectly with Vesta Steel Siding.

Single plank panel design provides effective airflow when installed alongside solid plank panels.

Perforated vents provide efficient airflow while maintaining the smooth style of the Vesta plank panel.

Designer
Ventilation



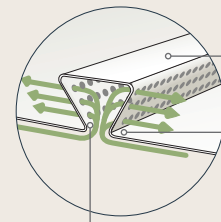
TRUVENT® HIDDEN VENT SOFFIT

The airflow you need. The design you desire.

Designed without compromise, TruVent gives you premium style without sacrificing performance.

The aluminum material offers the ideal strength-to-weight ratio, creating the crisp, clean design of the angled vent system. The result is beautiful—and a breeze to install.

NFA (Net Free Area)	11.0
Construction	Trapezoidal Cross I-Beam
Coating	Q800 TuffTech™
Material	Aluminum
Recyclability	100%
Venting	Full Vent
Dimensions	12" Width 12 ft Length
Patents	US: 7,137,224 CA: 2,496,496

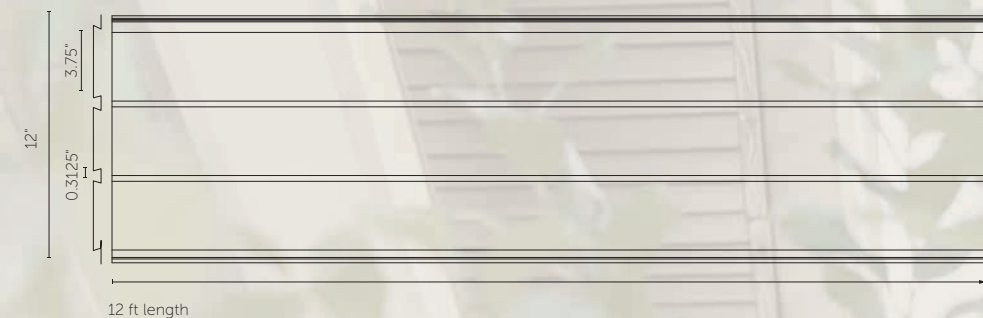
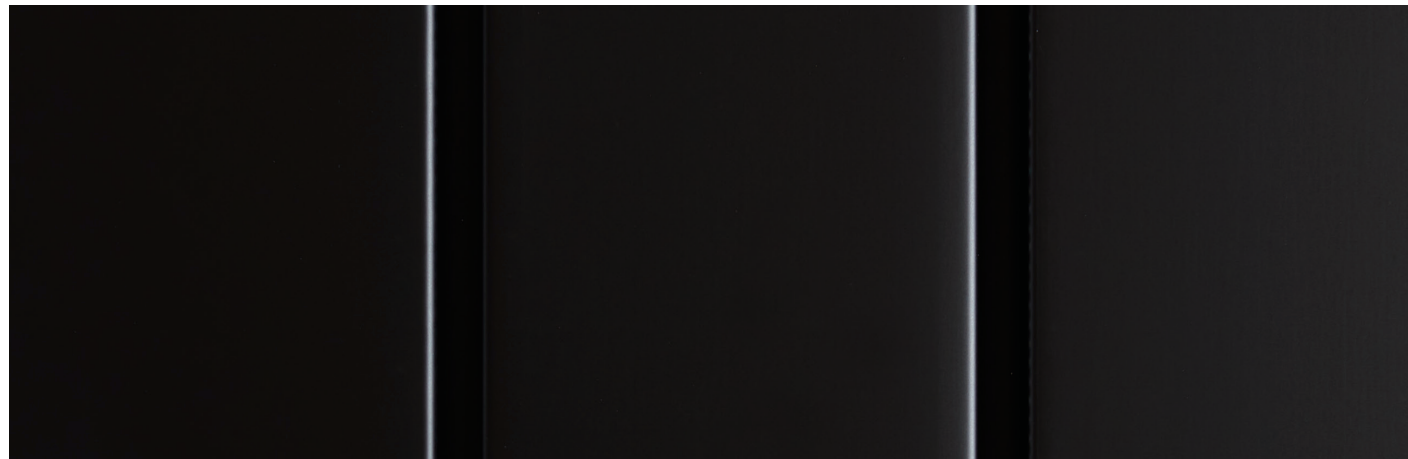


The unique I-Beam construction was engineered for optimum strength.

The trapezoidal cross sectional shape maximizes rigidity.

The patented angle slot design hides vent holes, while providing additional stiffness.

Concealed
Ventilation



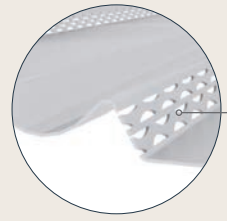
TRUBEAD® JET 45 VENTED SOFFIT

More airflow. Fewer visible vents.

That's the beauty of TruBead.

Its classic lines and curves incorporate the function of the lances into the design aesthetic, and the Jet 45 construction offers concealed microlances and beaded styling for an undeniably blended look.

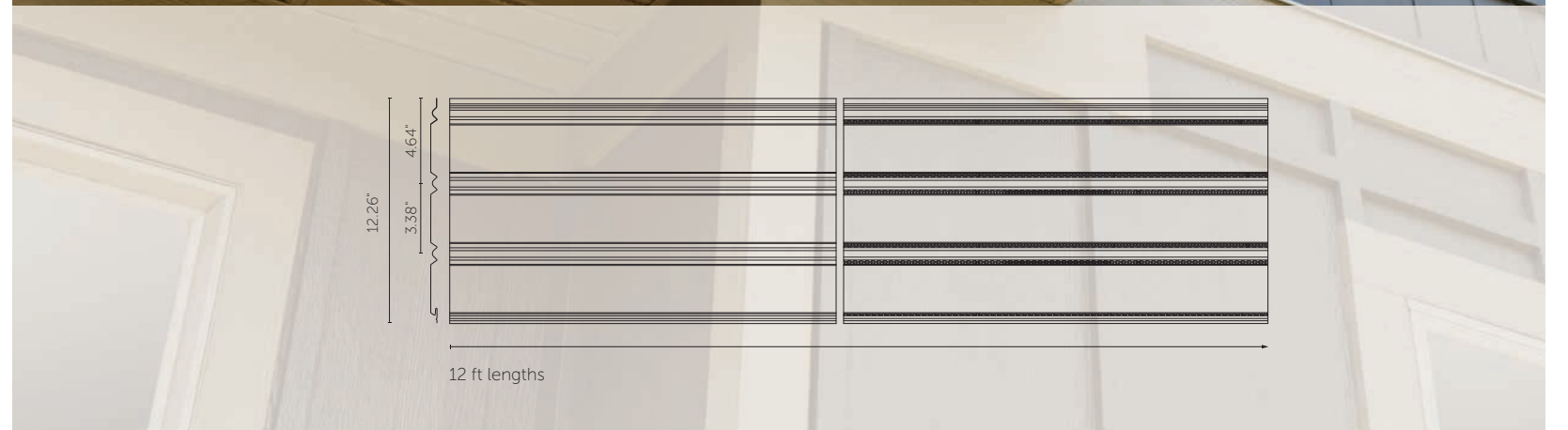
NFA (Net Free Area)	10.2
Construction	Concealed Jet 45 Microlance
Coating	Q800 TuffTech™
Material	Aluminum
Recyclability	100%
Venting	Full Vent, Solid
Dimensions	12" Width 12 ft Lengths
Patents	US: 8,176,691 8,209,864 CA: 2,686,266



Patented microlance design provides the right amount of airflow while maximizing the architectural integrity of the beaded soffit design.

The design hides the lances while providing more net free area than traditional style vinyl soffit, creating a premium architectural design without sacrificing function.

Concealed
Ventilation



TRULINE[®] SOFFIT

Soffit that breathes.

Engineered for ultimate ventilation, TruLine is a performance-driven soffit designed to maximize the amount of airflow. Developed using our exclusive ADT19 boundary-pushing performance process, TruLine is one of the most effective soffits available on the market.

NFA (Net Free Area) 19.6 - 12" Full Vent
19.1 - 16" Full Vent
12.0 - D5 & D6 Full Vent
9.9 - 16" Center Vent
5.9 - 12" Center Vent

Construction Bridge Lances

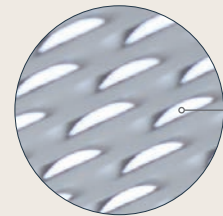
Coating Q800 TuffTech™

Material Aluminum

Recyclability 100%

Venting Full Vent,
Center & Solid

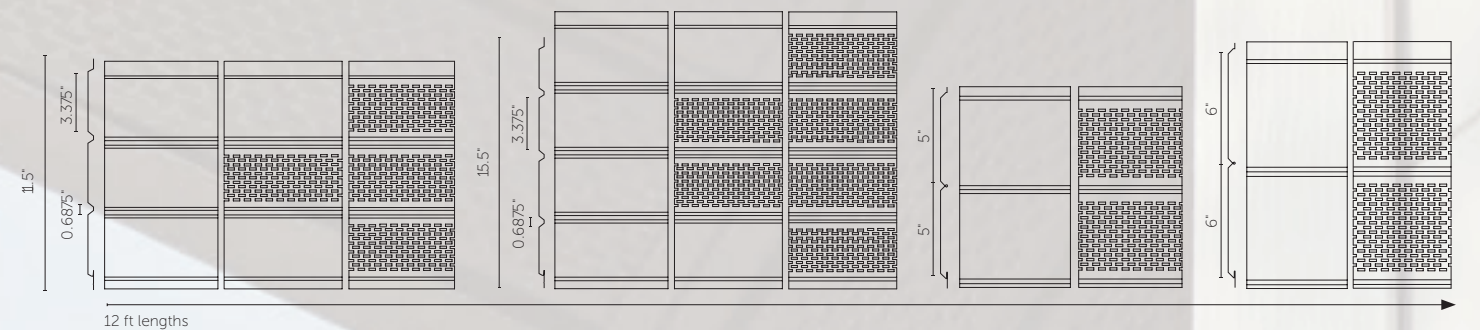
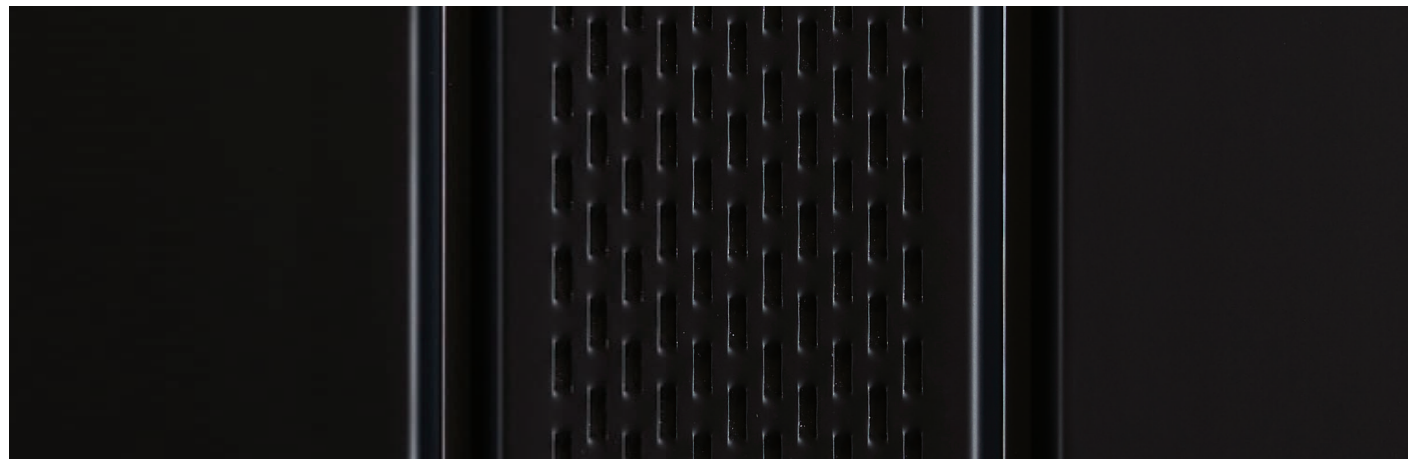
Dimensions 4 Width Options
12 ft Lengths



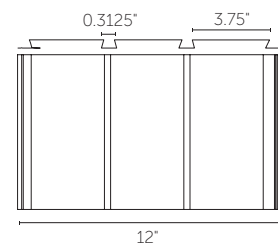
By adding passes through our soffit machines that punch the vents and then flatten the peaks to provide a smoother surface without sacrificing ventilation.

Deep, crescent shaped vents provide the required airflow intake consistently.

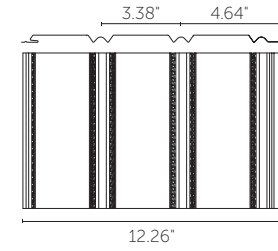
Exposed
Ventilation



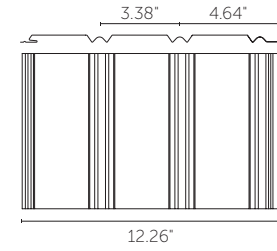
SOFFIT | FULL LINE



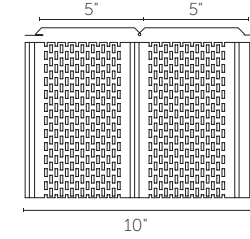
TRUVENT®
Hidden Vent Soffit



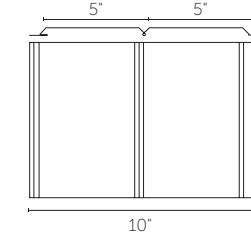
TRUBEAD®
Beaded Soffit - Full Vent



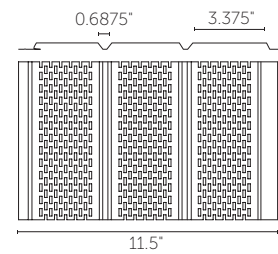
TRUBEAD®
Beaded Soffit - Solid



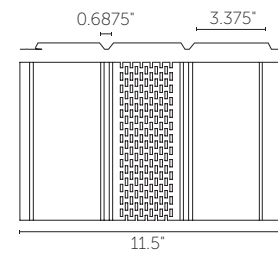
TRULINE® HP
Double 5" Soffit - Full Vent



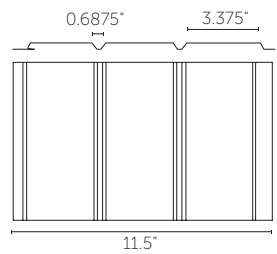
TRULINE® HP
Double 5" Soffit - Solid



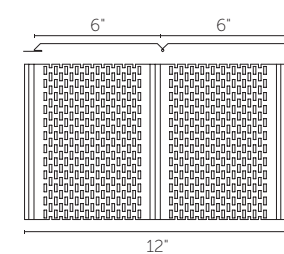
TRULINE® HP & TS
12" Soffit - Full Vent



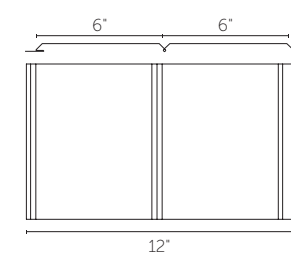
TRULINE® HP & TS
12" Soffit - Center Vent



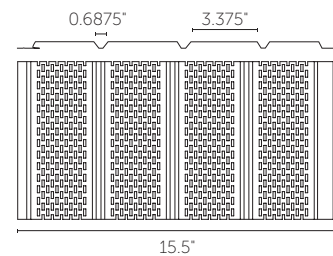
TRULINE® HP & TS
12" Soffit - Solid



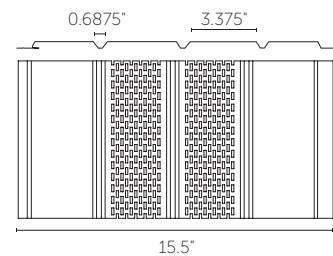
TRULINE® HP
Double 6" Soffit - Full Vent



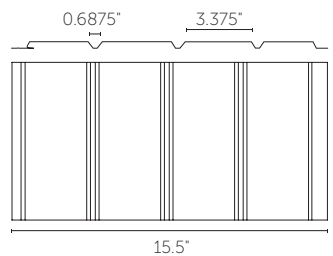
TRULINE® HP
Double 6" Soffit - Solid



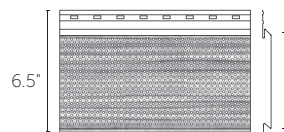
TRULINE® HP
16" Soffit - Full Vent



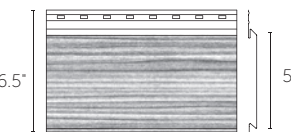
TRULINE® HP & TS
16" Soffit - Center Vent



TRULINE® HP & TS
16" Soffit - Solid



VESTA
5" Plank Soffit - Full Vent



VESTA
5" Plank Soffit - Solid

SPECIFICATIONS | STEEL

PRODUCT LINE
Vesta Soffit - 5" Plank Full Vent & Solid

MATERIAL
Steel

THICKNESS
0.020" (Vesta Panels)

APPLICATION
Horizontal, Vertical, Underdecking and Porch Ceiling

COLOR AVAILABILITY
HD3 Woodgrain Colors

Please see our Spec Guide for complete color availability.
www.QualityEdge.com/Resources

COATING
Kynar 500® (70% PVDF)

FLAME SPREAD AND SMOKE DEVELOPED RATINGS
ASTM E84 -18b Class A Rating

PATENT/COPYRIGHT
U.S. Patent Nos.: 10,508,455 | 10,760,282
U.K. Patent: 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

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

SPECIFICATIONS | ALUMINUM

PRODUCT LINE
Aluminum Soffit

MATERIAL
Aluminum

THICKNESS
TruVent®, TruBead®, TruLine HP Soffit: 0.019"
TruLine TS Soffit: 0.016"

COLOR AVAILABILITY
Please see our Spec Guide for complete color availability.
www.QualityEdge.com/Resources

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.

PATENTS
TruVent®
U.S. Patent Nos.: 7,137,224
Canadian Patent: 2,496,496

TruBead®
U.S. Patent Nos.: 8,176,691 | 8,209,864
Canadian Patent: 2,686,266

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

BUILDING CODES AND BEST PRACTICES

"Proper ventilation [more in-take through soffit than exhaust through roof vents] can lower the attic temperature by as much as 50°F, which significantly reduces the home's heating and cooling demands. Ridge and soffit vents help keep the attic space well-ventilated, preventing a build-up of moisture and reducing heat in summer. These vents can prolong the life of the roof."

Typical one foot soffit overhangs should have at least an 11 NFA, so when used on both sides of the home will have a combined NFA of 22 to draw the air flow needed to work with a ridge vent system.

SOURCE: U.S. Department of Energy
https://web.archive.org/web/20120925234940/http://www1.eere.energy.gov/buildings/openhouse/soffit_vents.html/#

Due to printing limitations, colors may not be exactly as shown. Contact your distributor or sales representative for actual product samples.

TruVent Hidden Vent Soffit in 470 Midnight Blue



QualityEdge.com

550 3 Mile Rd. NW
Suite E
Walker, MI 49544
888.784.0878

© 2023 Quality Edge

SOFMINIBROCH_0523