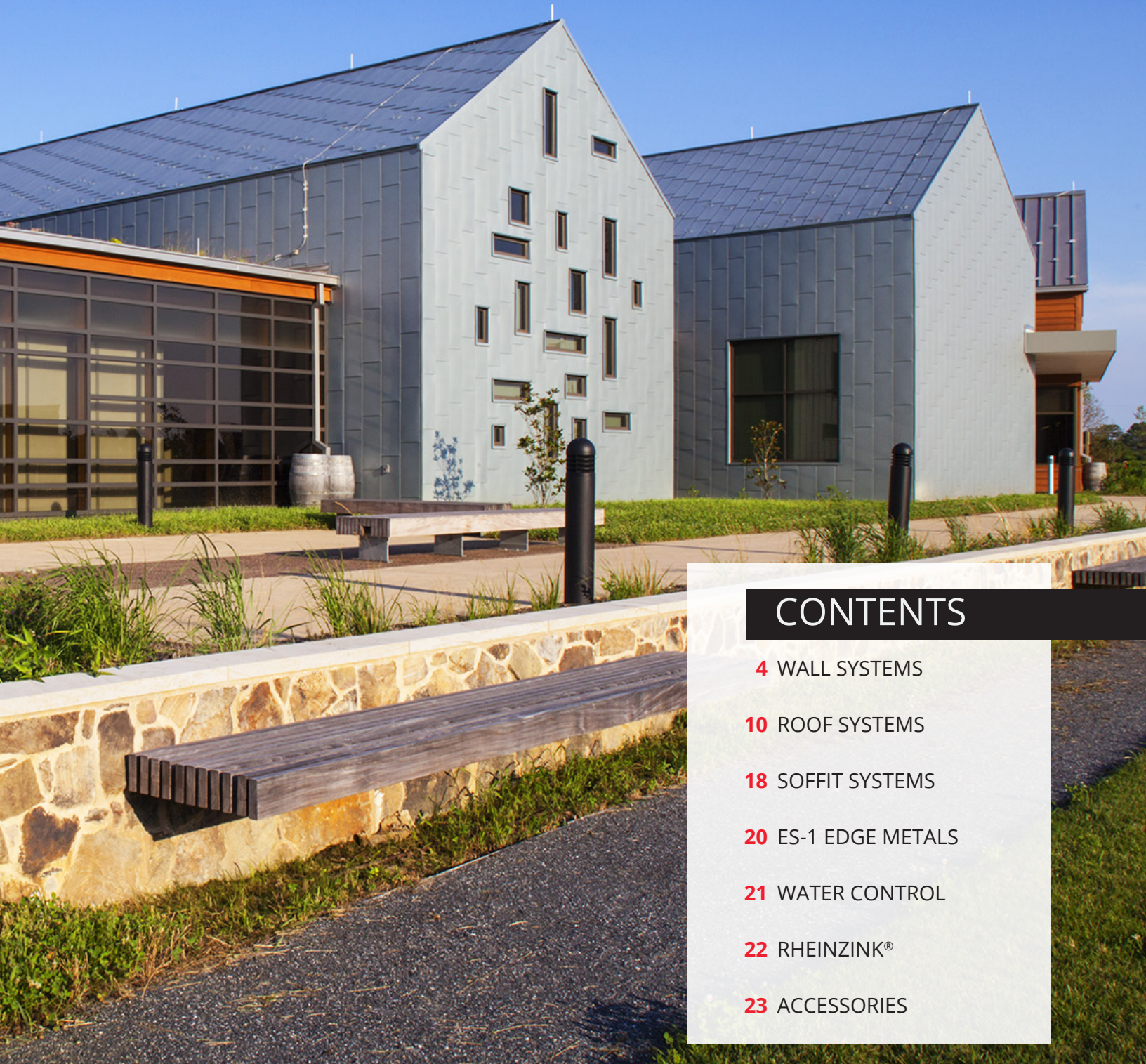


**PROVEN. DEPENDABLE. SUSTAINABLE.**

METAL ENVELOPE SYSTEMS SINCE 1988



**Harriet Tubman Underground Railroad Visitor Center**  
Dorchester County, MD  
GWWO Architects  
East Coast Exteriors



## CONTENTS

- 4** WALL SYSTEMS
- 10** ROOF SYSTEMS
- 18** SOFFIT SYSTEMS
- 20** ES-1 EDGE METALS
- 21** WATER CONTROL
- 22** RHEINZINK®
- 23** ACCESSORIES





## We care about the success of each and every project.

Since 1988 Dimensional Metals, Inc. (DMI) has specialized in the manufacturing of architectural metal roof and wall panel systems as well as fabricated architectural sheet metal for the construction industry. We are backed by more than 30 years of sheet metal fabrication experience which helps us ensure the success of each project.

The determining factors in the success of any architectural sheet metal system are a combination of proper design, engineering, fabrication, and installation. Unique to our organization is an expert level of product and application knowledge. This provides understanding and direction to design professionals and end-users of our systems.

### **With our primary focus on the highest quality, customer satisfaction, value, and individual project success, our team:**

- Ensures shorter lead times than industry standards
- Utilizes SMACNA-based, time-tested and industry-proven architectural details
- Designs with UL-90 classified roof deck assemblies and ASTM air, water, and structural tested systems
- Manufactures with steel coils that are made-in-the-USA and only painted with KYNAR® PVDF finishes
- Utilizes the most technologically advanced in-house CNC operated manufacturing equipment available today
- Capitalizes on our knowledgeable personnel who are qualified to solve even the most challenging design requirements
- Boasts a full-service engineering department, generating professional quality shop drawings, engineered uplift calculations, and company employed field inspection services as required
- Gives building owners and design professionals confidence that they are receiving the best quality with our Total System Warranties, which are considered the most in-depth warranties available in the industry



# WALL SYSTEMS

Our selection of Concealed and Exposed Fastener Wall Panels deliver the clean lines and contemporary aesthetics that you desire while meeting your engineering and design needs.



## LINK 59

Cleveland, OH

GLSD Architects, LLC

Advanced Roofing Systems

## DMI TOTAL SYSTEM WARRANTIES

DMI is one of the only manufacturers to offer watertightness warranties for our wall panels and wall tiles. Our Wall Warranties are backed-up by our full-service Engineering Department, generating project specific shop drawings. Quality control is monitored by a minimum of two on-site inspections by our Field Technical Inspectors. DMI Wall Warranties give building owners and design professionals confidence that they are receiving the highest quality and most complete warranty available in the industry.



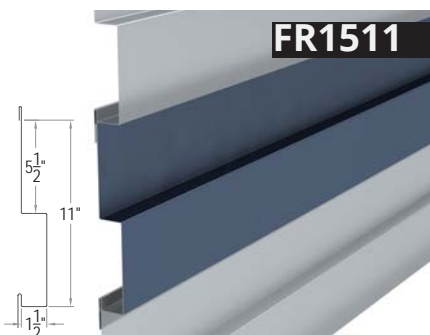
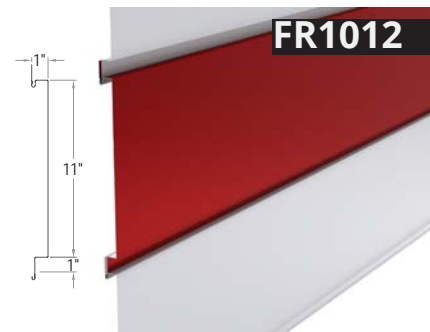
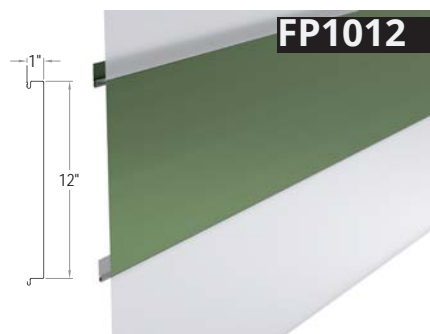
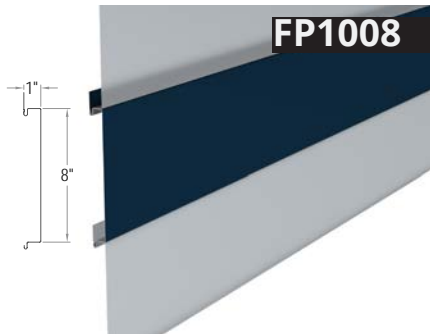
# FLUSH SYSTEMS

**Materials:** 24 ga., 22 ga., 20 ga. Steel  
 .032, .040, .050 Aluminum  
 24 ga. (.7mm), 22 ga. (.8mm) RHEINZINK®  
 16 oz., 20 oz. Copper

**Panel Coverage:** 8", 11" and 12"  
 (custom widths are available)

**Panel Depth:** 1" and 1-1/2"

**Panel Lengths Offered:** 4'-0" up to 20'-0"



**Performance Tested**  
 ASTM E331 Water Penetration  
 ASTM E283 Air Leakage  
 ASTM E1592 Uniform Static Air Pressure

**WEFALD RESIDENCE HALL AT KSU**  
 Manhattan, KS  
 Treanor Architects  
 Missouri Builders Service



# 16" HORIZONTAL WALL PANEL

**Materials:** 24 ga., 22 ga., 20 ga.

.032, .040, .050 Aluminum

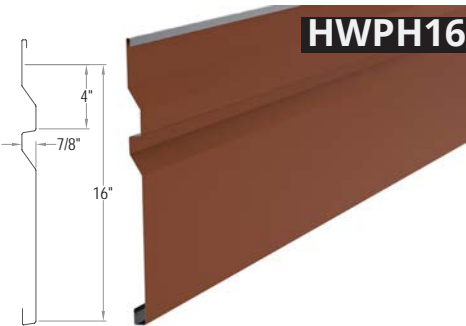
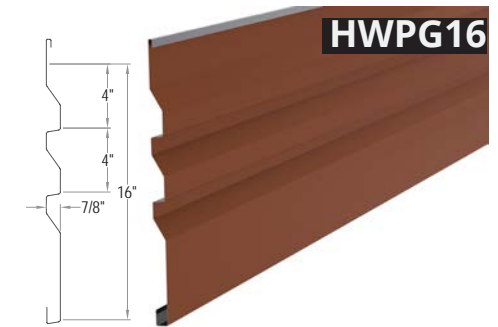
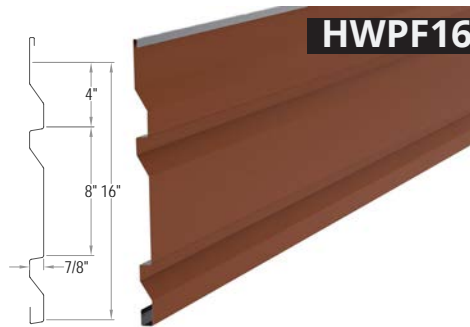
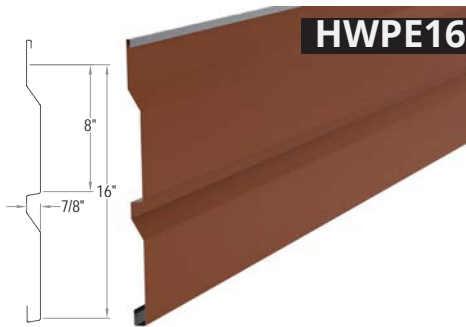
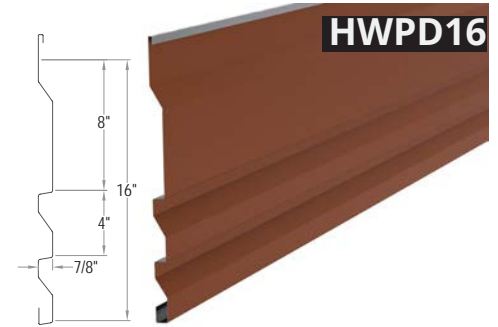
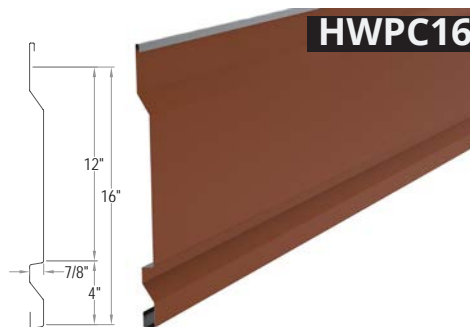
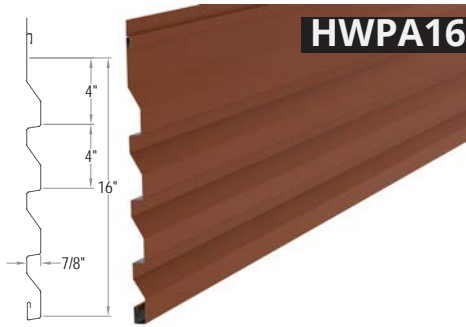
24 ga. (.7mm), 22 ga. (.8mm), 20 ga. (1.0mm) RHEINZINK®

16 oz., 20 oz. Copper

**Panel Coverage:** 16"

**Panel Depth:** 7/8"

**Minimum Panel Length:** 4'-0"



**Performance Tested**  
ASTM E331 Water Penetration  
ASTM E283 Air Leakage  
ASTM E1592 Uniform Static Air Pressure



**SHOALLY CREEK ELEMENTARY**  
Boiling Springs, SC  
Jumper Carter Sease Architects  
Achelpohl Roofing and Sheet Metal



# 12" HORIZONTAL WALL PANEL

**Materials:** 24 ga., 22 ga., 20 ga., 18 ga. Steel

.032, .040, .050 Aluminum

24 ga. (.7mm), 22 ga. (.8mm), 20 ga. (1.0mm) RHEINZINK®

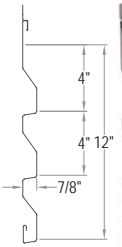
16 oz., 20 oz. Copper

**Panel Coverage:** 12"

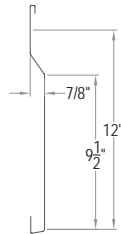
**Panel Depth:** 7/8"

**Minimum Panel Length:** 4'-0"

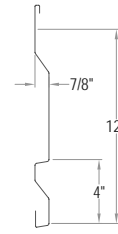
**HWPA12**



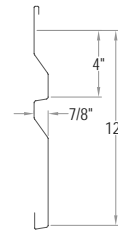
**HWPB12**



**HWPC12**



**HWPH12**



**SHEET METAL WORKS LOCAL 268 UNION HALL**

Caseyville, IL

Hurford Architects

BeloMan

**Performance Tested**

ASTM E331 Water Penetration

ASTM E283 Air Leakage

ASTM E1592 Uniform Static Air Pressure



## 7.2 PANEL

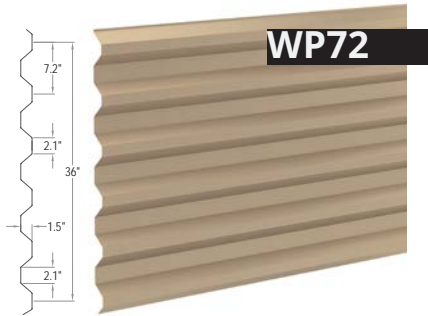
**Materials:** 24 ga., 22 ga., 20 ga., 18 ga. Steel

.032, .040, .050 Aluminum

**Panel Coverage:** 36"

**Panel Depth:** 1-1/2"

**Minimum Panel Length:** 1'-0"



### Performance Tested

ASTM E331 Water Penetration

ASTM E283 Air Leakage

## R PANEL

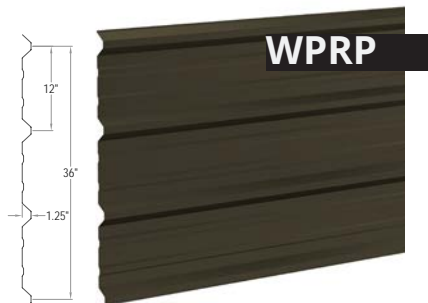
**Materials:** 24 ga., 22 ga. Steel

.032 Aluminum

**Panel Coverage:** 36"

**Panel Depth:** 1-1/4"

**Minimum Panel Length:** 1'-0"



### Performance Tested

ASTM E331 Water Penetration

ASTM E283 Air Leakage



# FLAT-LOCK

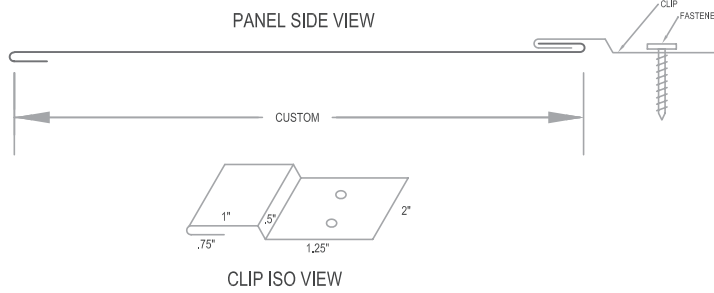
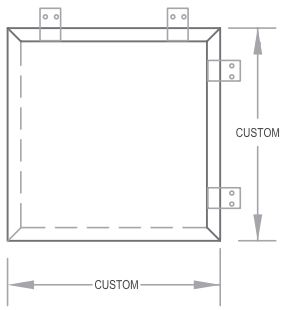
**Materials:** 24 ga., 22 ga. Steel

.032, .040 Aluminum

24 ga (.7mm), 22 ga (.8mm), & 20 ga (1mm) RHEINZINK®

16, 20 oz. Copper

**Panel Coverage:** Varies by design



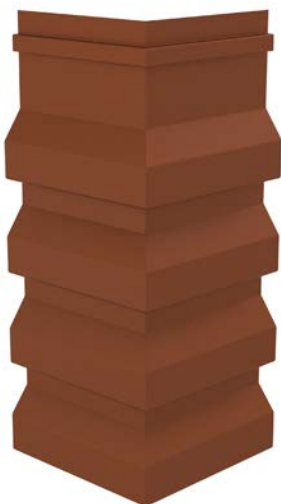
## MITERED CORNERS

**Available for:** Horizontal Wall Panel

7.2 Panel

DynaClad® EDGE

**HWP16-MC**



**HWPC12-MC**



**WP72-MC**





# ROOF SYSTEMS

Our extensive selection of Structural and Architectural roof panels feature superior performance testing and complete engineering and design capabilities.



**AUGUSTA REGIONAL AIRPORT**  
Augusta, GA  
Virgo Gambill Architects  
Eastern Corporation

## DMI TOTAL SYSTEM WARRANTIES

DMI total system warranties protect all aspects of your metal envelope system, whether that be the watertightness of the roof or siding, the Galvalume<sup>®</sup> steel, or the durable PVDF KYNAR<sup>®</sup> finish. When looking at warranties for your system, it is important to note that not all warranties are created equal. DMI warranties ensure the watertightness of all flashing conditions, trims, curbs, valleys, and penetrations. Building owners are protected with a total system warranty - "from the deck up" when using DMI insulation, fasteners, and underlayment. Our warranties are backed-up by a full-service Engineering Department, generating project specific shop drawings. Quality control is monitored by a minimum of two on-site inspections by our Field Technical Inspectors. DMI Total System Warranties give building owners and design professionals confidence that they are receiving the highest quality and most complete warranty available in the industry.



## 2-1/2" SPAN-LOCK

**Materials:** 24 ga., 22 ga. Steel

.032, .040 Aluminum

**Panel Coverage:** 12" and 16"

**Leg Height:** 2-1/2"

**Minimum Panel Length:** 4'-0"



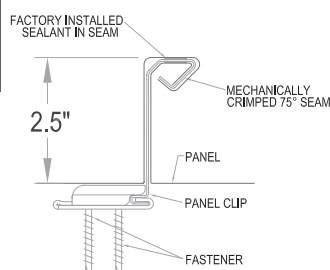
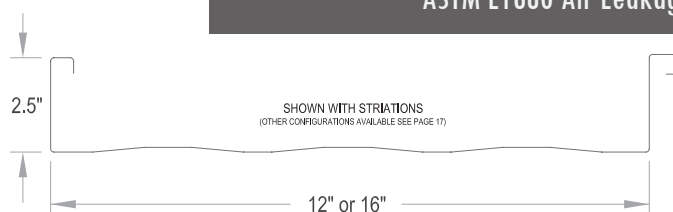
### Performance Tested

UL-580 Wind Uplift

ASTM E1592 Uniform Static Air Pressure

ASTM E1646 Water Penetration

ASTM E1680 Air Leakage



## 2" SPAN-LOCK

**Materials:** 24 ga., 22 ga. Steel

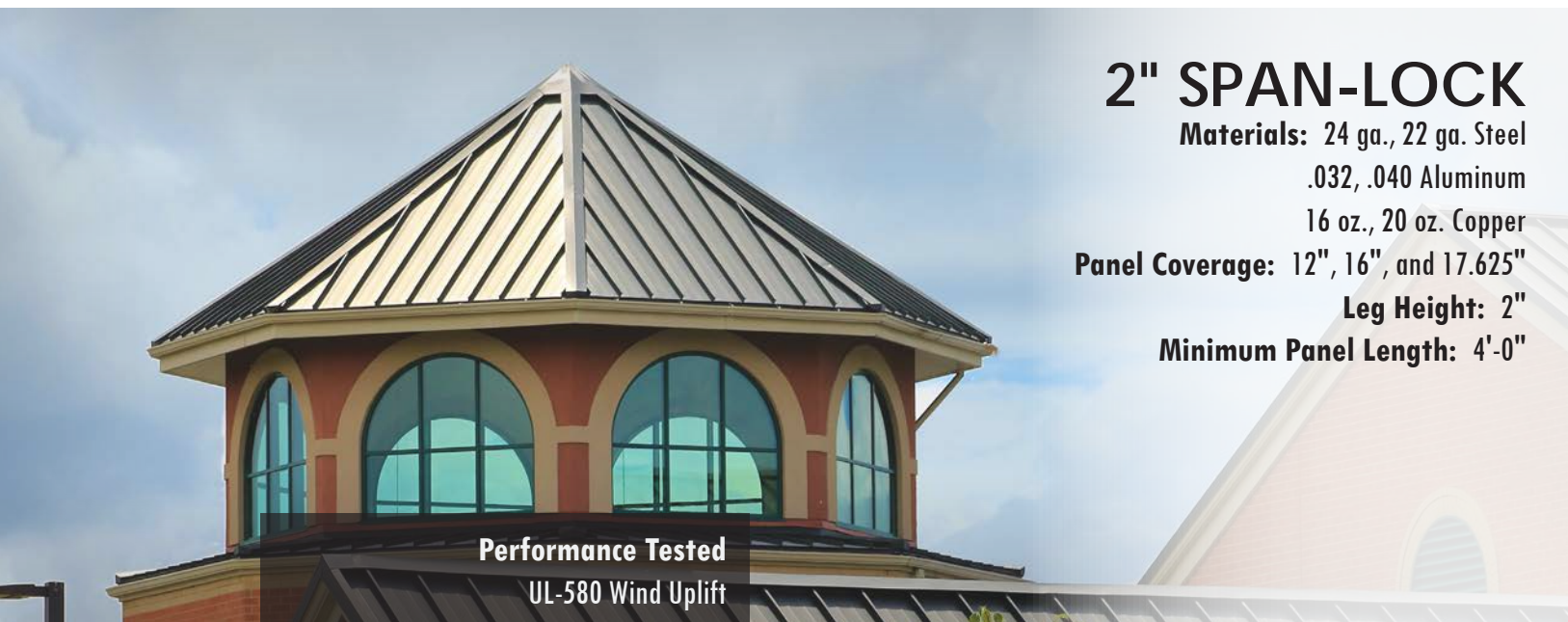
.032, .040 Aluminum

16 oz., 20 oz. Copper

**Panel Coverage:** 12", 16", and 17.625"

**Leg Height:** 2"

**Minimum Panel Length:** 4'-0"



### Performance Tested

UL-580 Wind Uplift

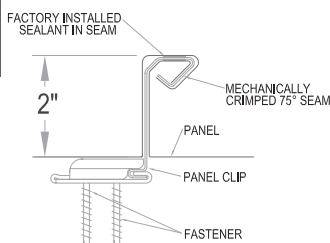
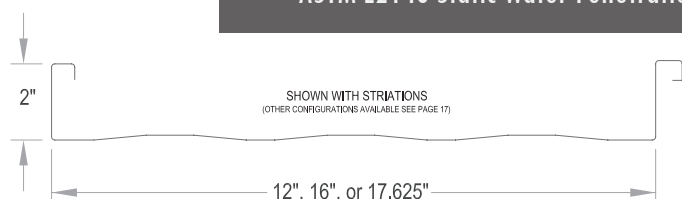
UL-2218 Impact Resistance

ASTM E1592 Uniform Static Air Pressure

ASTM E1646 Water Penetration

ASTM E1680 Air Leakage

ASTM E2140 Static Water Penetration





## 2-1/2" DOUBLE-LOCK

**Materials:** 24 ga., 22 ga. Steel

.032, .040 Aluminum

**Panel Coverage:** 12" and 16"

**Leg Height:** 2-1/2"

**Minimum Panel Length:** 4'-0"

**Performance Tested**

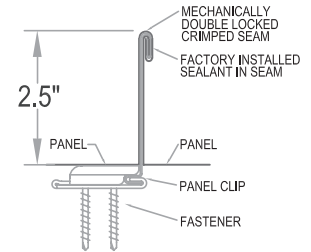
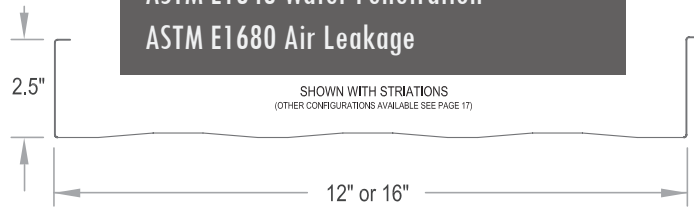
UL-580 Wind Uplift

ASTM E1592 Uniform Static Air Pressure

ASTM E1646 Water Penetration

ASTM E1680 Air Leakage

**DL25**



## 2" DOUBLE-LOCK

**Materials:** 24 ga., 22 ga. Steel, .032, .040 Aluminum

24 ga (.7mm), 22 ga (.8mm) RHEINZINK®, 16 oz., and 20 oz. Copper

**Panel Coverage:** 12", 16" and 18" (Steel and Aluminum)

12 and 17.65" (Copper), 14" (RHEINZINK®)

**Leg Height:** 2"

**Minimum Panel Length:** 4'-0"

Can be curved down to a 20' radius (CR-DL20)

**Performance Tested**

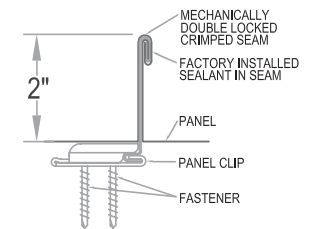
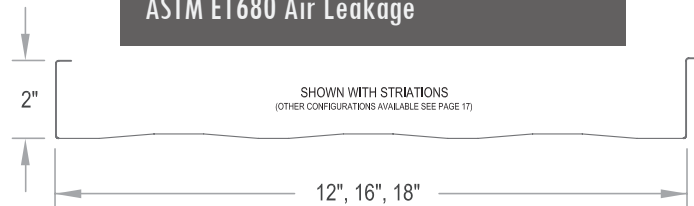
UL-580 Wind Uplift

ASTM E1592 Uniform Static Air Pressure

ASTM E1646 Water Penetration

ASTM E1680 Air Leakage

**DL20**



## 1-1/2" DOUBLE-LOCK

**Materials:** 24 ga. Steel, .032 Aluminum

24 ga (.7mm), 22 ga (.8mm) RHEINZINK®, 16 oz., and 20 oz. Copper

**Panel Coverage:** 12", 17" and 20" (Steel and Aluminum)

14", 16" and 20" (Copper), 15.75" (RHEINZINK®)

**Leg Height:** 1-1/2"

**Minimum Panel Length:** 4'-0"

Can be curved down to a 12' radius (CR-DL15)

**Performance Tested**

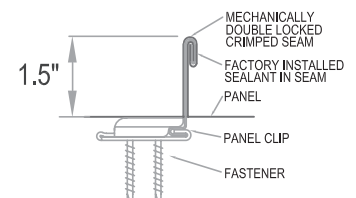
UL-580 Wind Uplift

ASTM E1592 Uniform Static Air Pressure

ASTM E1646 Water Penetration

ASTM E1680 Air Leakage

**DL15**





## 2-1/2" TEE-LOCK

**Materials:** 24 ga., 22 ga. Steel

.032, .040 Aluminum

**Panel Coverage:** 12", 16" and 17 5/8"

**Leg Height:** 2-1/2"

**Minimum Panel Length:** 4'-0"

Can be curved down to a 90' radius (CR-TL25)

### Performance Tested

UL-580 Wind Uplift

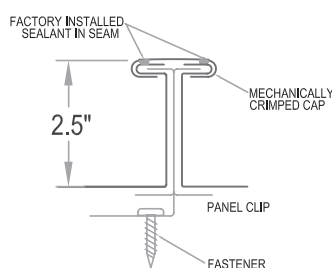
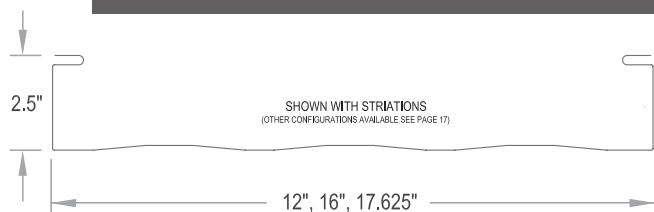
ASTM E1592 Uniform Static Air Pressure

ASTM E1646 Water Penetration

ASTM E1680 Air Leakage

ASTM E2140 Static Water Penetration

ASTM E1996 Impact Resistance & Cyclic Pressure



**TL25**



## 1-3/4" INTER-LOCK

**Materials:** 24 ga., 22 ga. Steel

.032, .040 Aluminum

16, 20 oz. Copper

**Panel Coverage:** 12", 16" and 18" (Steel and Aluminum)

12" and 18" (Copper)

**Leg Height:** 1-3/4"

**Minimum Panel Length:** 4'-0"

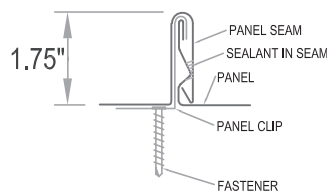
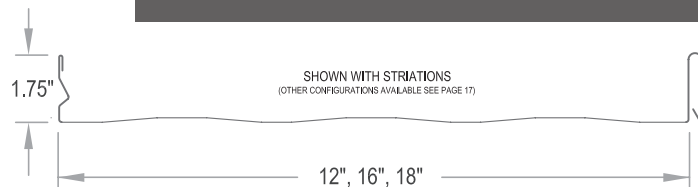
### Performance Tested

UL-580 Wind Uplift

ASTM E1592 Uniform Static Air Pressure

ASTM E331 Water Penetration

ASTM E283 Air Leakage



**IL20**





# 1-1/2" SNAP-ON-SEAM

**Materials:** 24 ga., 22 ga. Steel

.032, .040 Aluminum

16, 20 oz. Copper

(seam caps available in 24 ga., .032 and copper only)

**Panel Coverage:** 12", 16" and 18"

**Leg Height:** 1-1/2"

**Minimum Panel Length:** 4'-0"

Can be curved down to a 70' radius (CR-SS15)

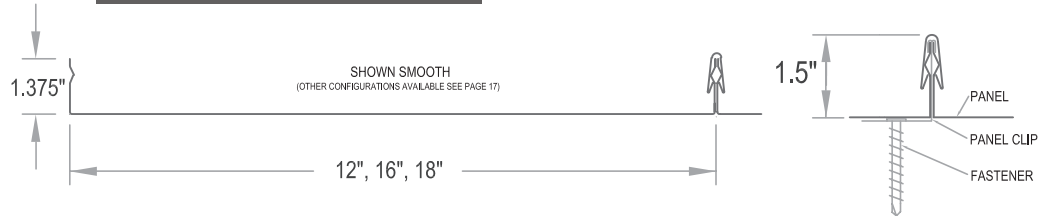
## Performance Tested

UL-580 Wind Uplift

ASTM E331 Water Penetration

ASTM E283 Air Leakage

**SS15**



# 1" SNAP-ON-SEAM

**Materials:** 24 ga., 22 ga. Steel

.032, .040 Aluminum

16, 20 oz. Copper

(seam caps available in 24 ga., .032 and copper only)

**Panel Coverage:** 11-5/8", 16" and 18"

**Leg Height:** 1"

**Minimum Panel Length:** 4'-0"

(CR-SS10) Can be curved down to:

3' radius (24 ga. Steel)

8' radius (22 ga. Steel)

2'-6" radius (.032 Aluminum)

2' radius (Copper)

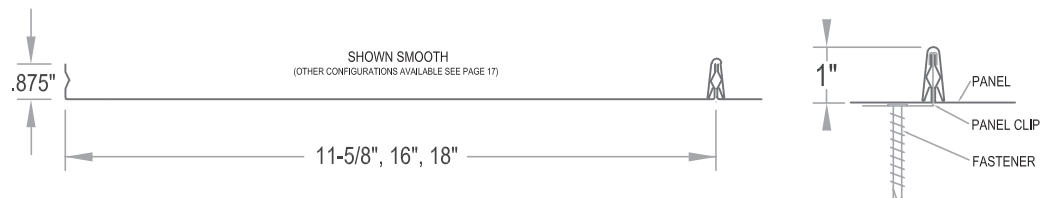
## Performance Tested

UL-580 Wind Uplift

ASTM E331 Water Penetration

ASTM E283 Air Leakage

**SS10**





# 1-1/2" BATTEN-SEAM

**Materials:** 24 ga., 22 ga. Steel, .032, .040 Aluminum, and 16, 20 oz. Copper

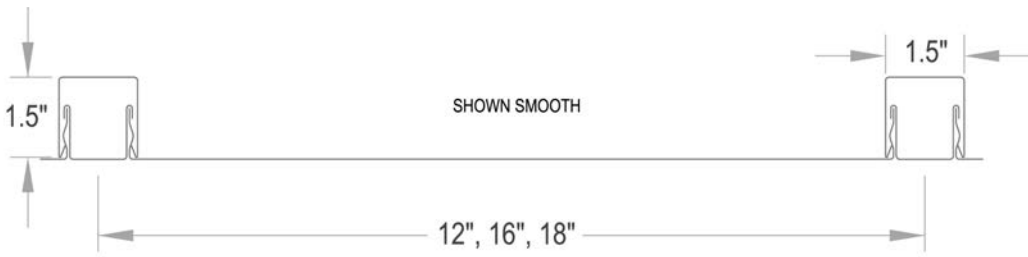
(seam caps available in 24 ga., .032 and copper only)

**Panel Coverage:** 12", 16" and 18"

**Leg Height:** 1-1/2"

**Minimum Panel Length:** 4'-0"

Note: Watertightness Warranty is not available for this profile.



# 1-1/2" NAIL-STRIP

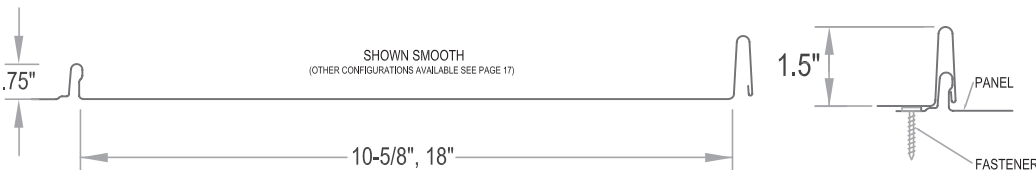
**Materials:** 24 ga. Steel and .032 Aluminum

**Panel Coverage:** 10-5/8" and 18"

**Leg Height:** 1-1/2"

**Minimum Panel Length:** 4'-0"

Note: Watertightness Warranty is not available for this profile.



# 1" NAIL-STRIP

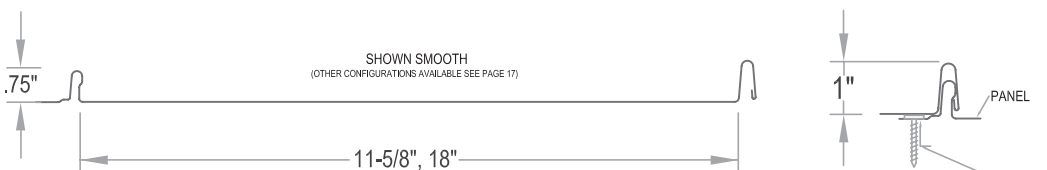
**Materials:** 24 ga. Steel and .032 Aluminum

**Panel Coverage:** 11-5/8" and 18"

**Leg Height:** 1"

**Minimum Panel Length:** 4'-0"

Note: Watertightness Warranty is not available for this profile.

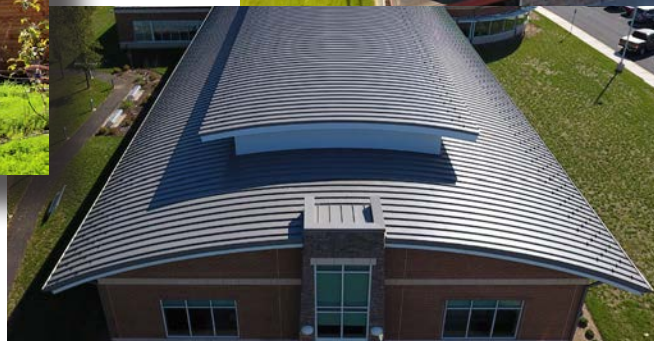




# CURVED RADIUS

## PANEL PROFILES OFFERED:

- Snap-On-Seam (CR-SS10 & CR-SS15)
- Double-Lock (CR-DL15 & CR-DL20)
- Tee-Lock (CR-TL25)



# TAPERED SEAM

## PANEL PROFILES OFFERED:

- Tee-Lock (TL25)
- Span-Lock (SL25 & SL20)
- Inter-Lock (IL20)
- Double-Lock (DL15, DL20, & DL25)
- Snap-On-Seam (SS10 & SS15)
- Batten-Seam (BS15)





# 

**Materials:** 24 ga., 22 ga. Steel

.032, .040 Aluminum

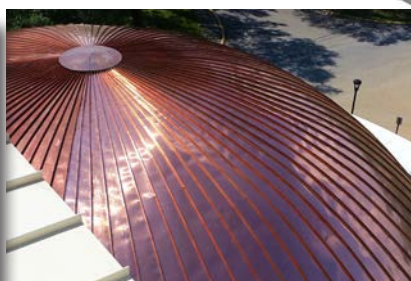
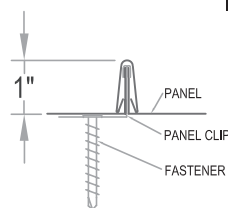
24 ga (.7mm) and 22 ga (.8mm) RHEINZINK®

16, 20 oz. Copper

(seam caps available in 24 ga., .032 and copper only)

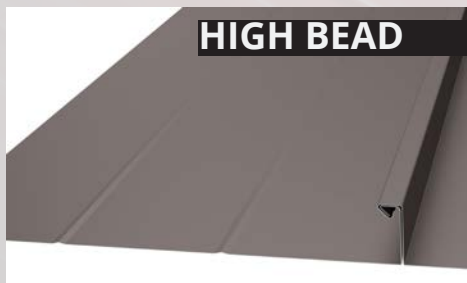


**CC10**



## STIFFENERS

**HIGH BEAD**



**LOW BEAD**



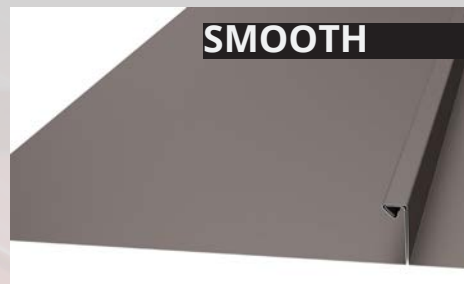
**STRIATIONS**



**EMBOSSED**



**SMOOTH**



Oil canning is an inherent factor of light gauge, cold-formed metal products. DMI takes several steps to minimize this:

- We purchase our coils directly from the mill and only purchase tension leveled coil.
- We offer choices of heavier gauge substrates, panel stiffening options, embossed finished coil, and narrow panel widths.
- We use state-of-the-art fixed base roll-forming equipment and have decades of experience in the proper handling, slitting, and forming of architectural sheet metal.



# SOFFIT SYSTEMS

**Our selection of Soffit panels provide a sturdy complement to any roof system and are offered with and without ventilation.**

## **SPRING CREEK MIDDLE SCHOOL**

Seven Springs, NC

SFLA Architects

Grieme Roofing Company, Inc.



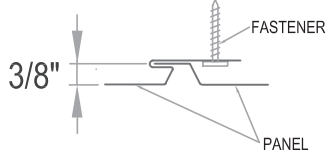
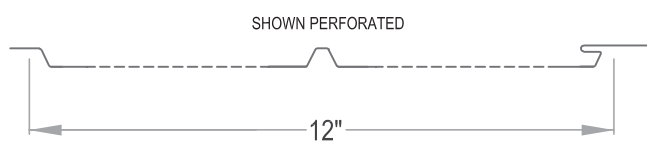
# V-GROOVE SOFFIT

**Materials:** 24 ga. Steel  
.032 Aluminum

**Panel Coverage:** 12"

**Panel Depth:** 3/8"

**Panel Lengths Offered:** 6" up to 20'-0"  
7.5% free air permeation with perforations (.032 aluminum only)



# FLUSH-PANEL SOFFIT

**Materials:** 24 ga., 22 ga., 20 ga. Steel  
.032, .040 Aluminum

24 ga (.7mm) and 22 ga (.8mm) RHEINZINK®

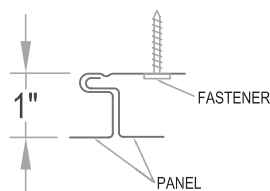
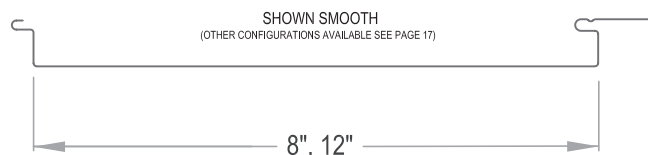
16, 20 oz. Copper

**Panel Coverage:** 8" and 12"

**Panel Depth:** 1"

**Panel Lengths Offered:** 4'-0" up to 20'-0"  
7.5% free air permeation with perforations (aluminum only)

**Performance Tested**  
ASTM E331 Water Penetration  
ASTM E283 Air Leakage  
ASTM E1592 Static Air Pressure





# ES-1 EDGE METALS

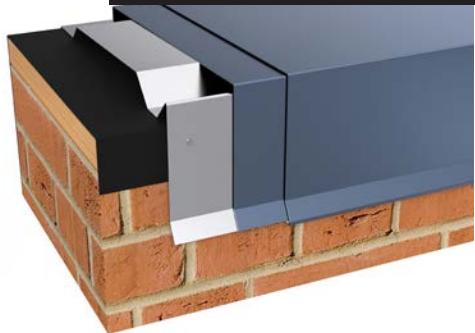


Designed with the Roofing Contractor & Sheet Metal Installer in mind, DynaClad® Edge Metal Systems combine highly engineered/tested products with fast-turn convenience and economical pricing.

**ALTON REGIONAL MULTI-MODAL  
TRANSPORTATION CENTER**

Alton, IL  
AAIC Inc.  
BeloMan

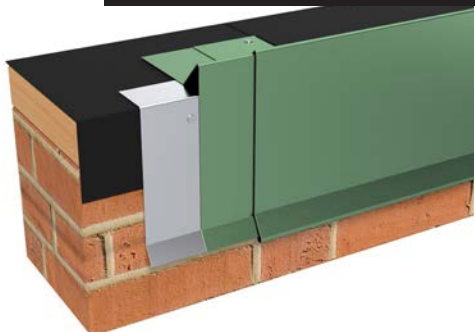
**SNAP-ON COPING**



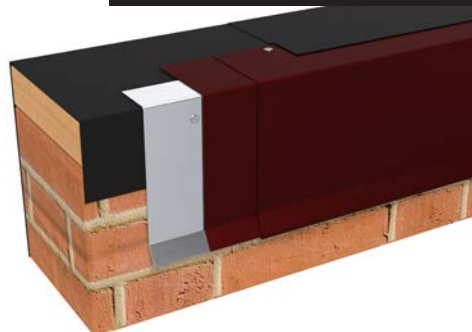
**SNAP-ON FASCIA**



**GRAVEL STOP**



**DRIP EDGE**



**Standard Materials:**

24 ga., 22 ga. Steel  
.040, .050 Aluminum  
16 oz, 20 oz Copper  
Other materials are available.

Contact DMI for verification of  
ES-1 Testing for your project.



# WATER CONTROL

## CONTINUOUS GUTTER

**Materials:** 24 ga., 22 ga., 20 ga. Steel

.032, .040 Aluminum

20 oz. Copper

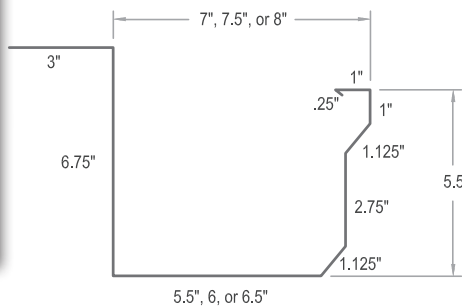
**Gutter Sizes:** 7" (CG70)

7-1/2" (CG75)

8" (CG80)

**Lengths offered:** 2'-0" up to 53'-0"

**Note:** Offered with a straight back or gutter flange.



**CG 70/75/80**

## CUSTOM AND CURVED GUTTER

**Gutter Materials:** 24 ga., 22 ga., 20 ga. Steel

.032, .040, .050 Aluminum

16, 20 oz. Copper

**Note:** Contact DMI about your Custom Gutter needs.

**KROGER'S FUEL DEPOT**

Westfield, IN

Galloway and Company, Inc.

CMS Roofing, Inc.

**HALF ROUND**



**CURVED**



**CUSTOM**





**RHEINZINK® is the world's leading manufacturer of architectural-grade titanium zinc products for standing seam roofing, wall panels, wall tiles, and roof drainage systems. For over 50 years, RHEINZINK® has been producing this very popular, modern material that offers a wide scope for design and is a material that can be recycled infinitely without the loss of its chemical or physical properties. RHEINZINK® provides extreme longevity and an elegant appearance, making it an ideal cladding material.**

## SPRING HILL RECREATIONAL CENTER

McLean, VA

Hughes Group Architects

Keller Brothers, Inc.



**CLASSIC**

bright rolled



**artCOLOR**

anthracite



**prePATINA**

**prePATINA**

blue-grey



**artCOLOR**

pure-white



**prePATINA**

graphite-grey



**artCOLOR**

pearl-gold



**artCOLOR**

moss-green



**artCOLOR**

nut-brown



**artCOLOR**

blue



**artCOLOR**

fire-red



# ACCESSORIES

Fasteners, Foam Closures,  
Pipe Boots, Snow Retention,  
Sealants, Underlayments,  
and more!

Go to [dmimetals.com](http://dmimetals.com) to find  
the DMI approved accessories  
to complete your Total System  
Warranty and give you  
coverage from the deck up.



# UNDERLAYMENT

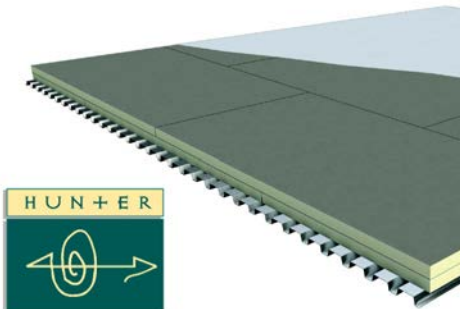
DynaClad® Ultra HT  
Wind & Water Seal™

DynaClad® AP  
Synthetic Roofing  
Underlayment

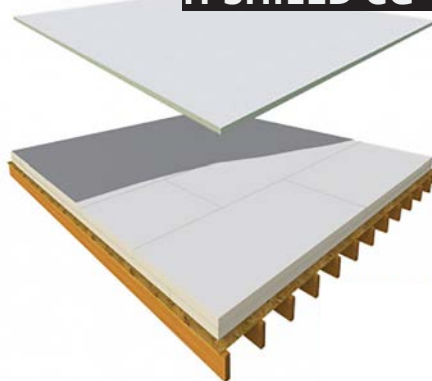


# INSULATION

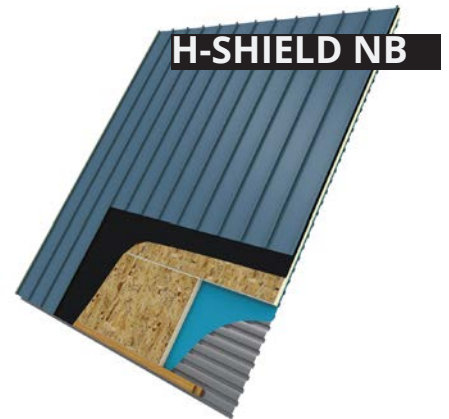
H-SHIELD



H-SHIELD CG



H-SHIELD NB



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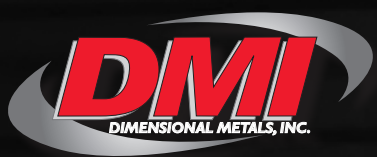


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