

MATERIAL:

CHOOSE YOUR COLOR:

KYNAR FINISH

TYPE CUSTOM COLOR:

KYNAR FINISH

Available Gauges Below:

- 24 GA. GALVALUME .040 ALUMINUM ③ .063 ALUMINUM ③
- 22 GA. GALVALUME ③ .050 ALUMINUM ③

NOTES:

- ① INCLUDES 20 GA. GALV. CONTINUOUS CLEAT (10'-0") . FASTENERS INSTALLED 12" O.C.
- ② MAXIMUM TESTED INSIDE FACE IS 6"
- ③ MINIMUM QUANTITY ON CERTAIN ITEMS.
- ④ WALL SIZE INCLUDES THE MEMBRANE FLASHING THICKNESS

TYPE QUANTITY:

LINEAR FT (10'-0" LENGTHS)

AUTHORIZED SIGNATURE:

APPROVED BY:

DATE:

CERTIFICATIONS:



ES1 TESTED & CERTIFIED

.040" Aluminum = 170 PSF

24 GA Steel = 120 PSF

ACCESSORY QUANTITIES:

IMAGES ARE ON 2ND PAGE

- OUTSIDE MITER CORNER RIGHT ENDWALL (COPING)
- INSIDE MITER CORNER LEFT ENDWALL (COPING)
- RIGHT END CAP RIGHT ENDWALL (SPICE)
- LEFT END CAP LEFT ENDWALL (SPICE)
- TAPE SEALANT (40' ROLLS)

**All Englert accessories will be assembled using rivets.

**We do not offer welded accessories. Welding painted material will void your 40 year finish warranty.

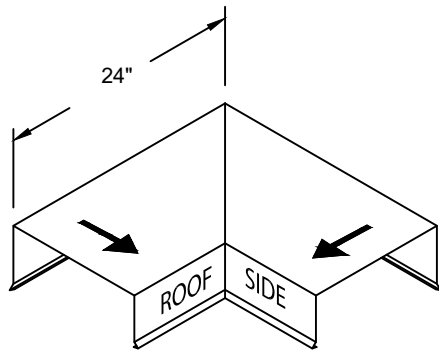
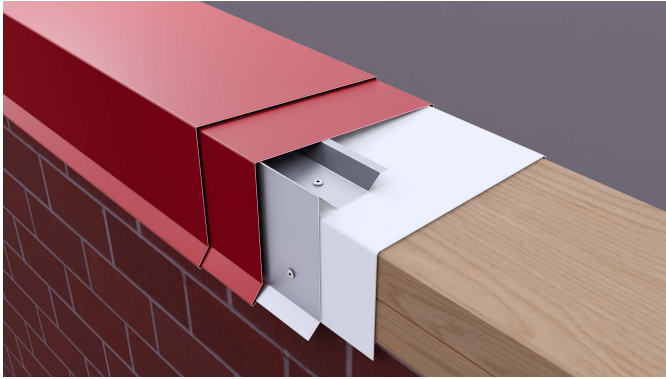
PROJECT:

ADDRESS:

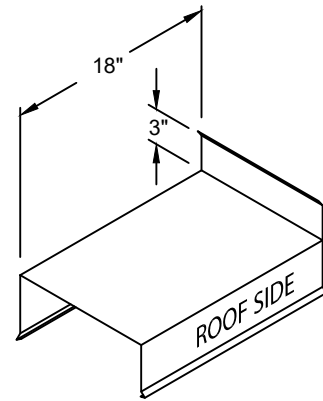
ARCHITECT:

CONTRACTOR/DISTRIBUTOR:

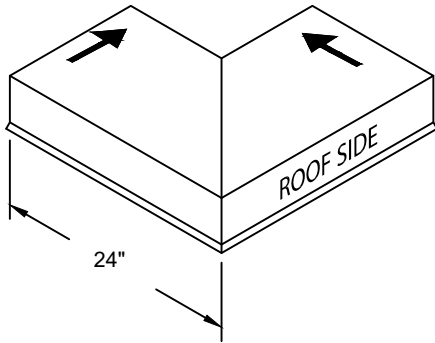
NOTES:



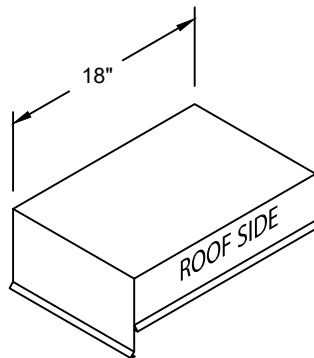
OUTSIDE CORNER



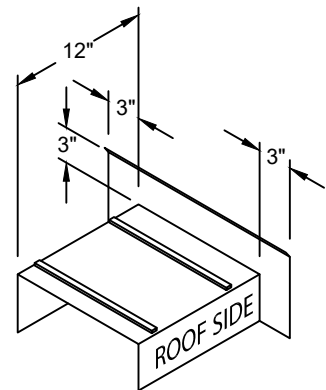
ENDCAP (RIGHT SHOWN)



INSIDE CORNER



ENDCAP (LEFT SHOWN)



ENDWALL SPLICE (RIGHT SHOWN)

ADDITIONAL ACCESSORIES ARE AVAILABLE AT ENGLERT

****Please attach sketches or call us for assistance****



Testing your perimeter before Mother Nature does.

PERFORMANCE TEST REPORT

Rendered to:

Company: Englert Inc.

Address: 1 Tower Center Blvd. 19th Floor

City/State/Zip: East Brunswick, NJ 08816

Date: June 10, 2022

Project Summary: Wind Testing Services Corporation was contracted by Englert Inc. to conduct ANSI/SPRI FM 4435 ES-1 testing on their formed Coping Cap product. The results obtained are as documented in the following report.

Test Procedure: The formed V-Snap Coping Cap was tested in accordance with the following test method as referenced in ANSI/SPRI FM 4435 ES-1, *Wind Design Standard for Edge Systems Used with Low Slope Roofing Systems*:

Test RE-3, Test Method for Dependently Terminated or Independently Terminated Coping Systems. This test method is used to evaluate coping systems utilized with all roofing system assemblies.

Tested Coping Cap Detail: The tested formed V-Snap Coping assembly consisted of a preformed (from flat stock) 24-gauge steel coping cap cover furnished in 10'-0" sections, and one 10'-0" section of 20-gauge galvanized cleat. The coping cap sample was furnished with a 6-inch outside face, 5.25-inch inside face and 20-inch top. The outside face of the cleat was fastened on the top flange that rests on the roof with a 10-13x1-inch stainless steel panhead woodscrew 12-inches on center as well as fastened on the outside face of the cleat 1.5-inches from the bottom 12-inches on center. The coping cap hooks over the front cleat and rotates over the wall, then is fastened on the inside face of the 5.25-inch of coping with a #9 stainless steel woodscrew placed .75-inches from the top of the cap 12-inches on center.

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Office: 844.WTSC.ES1 (844.987.2371) • www.windtestingservices.com

Test Results: The following test results were recorded. Since testing was conducted on a 24-gauge steel 6-inch vertical outside face height, 20-inch top width, and 5.25-inch vertical inside face height coping cap assembly, the results are applicable for any similarly fabricated coping profile up to a maximum of 6-inch outside face, 20-inch top width, 5.25-inch inside face, utilizing a 24-gauge steel coping cap cover and 20-gauge cleat in the same material thicknesses OR GREATER.

Test Method	Rating Achieved, psf
RE-2 (For Fascia)	--
RE-3 (For Coping)	120


ANSI/SPRI FM 4435 ES-1 tested to: 120 pounds per square foot

Vertical Design Pressure (Top): 200 pounds per foot
Horizontal Design Pressure (Face): 62.50 pounds per foot

Discussion: Coping systems used on ballasted and mechanically fastened roofing system assemblies need to be evaluated using the RE-3 test method. The lowest rating achieved using the RE-3 test after utilizing “separate” yet identical 10’-0” product samples on the top/face, and then testing the top/back is the maximum allowable design pressure certified in this document.

ES-1 Compliance: The maximum design pressure for this Englert Inc. formed V-Snap Coping Cap profile utilizing a 24-gauge steel coping cap cover and 20-gauge galvanized continuous cleat (as determined by the RE-3 test methodology) is **120 psf**.

Report By:
Wind Testing Services Corporation


Ben Kweton, President



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Test RE-3, Test Method for Dependently Terminated or Independently Terminated Coping Systems. This test method is used to evaluate coping systems utilized with all roofing system assemblies.

Tested Coping Cap Detail: The tested formed V-Snap Coping assembly consisted of a preformed (from flat stock) .040 aluminum coping cap cover furnished in 10'-0" sections, and one 10'-0" section of 20-gauge galvanized cleat. The coping cap samples were furnished with a 6-inch outside face and 5.25-inch inside face and 20-inch top. The outside face of the cleat is fastened on the top flange that rests on the roof with a 10-13x1-inch stainless steel panhead woodscrew 12-inches on center as well as is fastened on the face of the cleat 1.5-inches from the bottom 12-inches on center. The coping cap hooks over the front cleat and rotates over the wall then is fastened on the inside face of 5.25-inches of coping with #9 stainless steel woodscrew placed .75-inches from the top of the cap 12-inches on center.

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Test Results: The following test results were recorded. Since testing was conducted on a .040 aluminum 6-inch vertical outside face height, 20-inch top width, and 5.25-inch vertical inside face height coping cap assembly, the results are applicable for any similarly fabricated coping profile up to a maximum of 6-inch outside face, 20-inch top width, 5.25-inch inside face, utilizing a .040 aluminum coping cap cover and 20-gauge cleat in the same material thickness OR GREATER.

Test Method	Rating Achieved, psf
RE-2 (For Fascia)	--
RE-3 (For Coping)	170

ANSI/SPRI FM 4435 ES-1 tested to: 170 pounds per square foot

Vertical Design Pressure (Top): 283.3 pounds per foot
Horizontal Design Pressure (Face): 72.6 pounds per foot

Discussion: Coping systems used on ballasted and mechanically fastened roofing system assemblies need to be evaluated using the RE-3 test method. The lowest rating achieved using the RE-3 test after utilizing "separate" yet identical 10'-0" product samples on the top/face, and then testing the top/back is the maximum allowable design pressure certified in this document.

ES-1 Compliance: The maximum design pressure for this Englert Inc. formed V-Snap Coping Cap profile utilizing a .040 aluminum coping cap cover and 20-gauge galvanized continuous cleat (as determined by the RE-3 test methodology) is 170 psf.

Report By:
Wind Testing Services Corporation


Ben Kweton, President



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Certificate of ANSI/SPRI FM 4435 ES-1 Compliance

Authorized Fabricator: Sheet Metal Supply LTD

Wind Testing Services Corporation hereby certifies that the Product(s) listed below have been tested in accordance with the protocols of the ANSI/SPRI FM 4435 ES-1 Roof Edge Standard, and when installed as required will withstand the Design Pressures as calculated using ES-1 (RE-2 methodology) for the below listed project, and as prescribed by Section 1504.5 of the 2012 International Building Code.

Product(s) Certified: V-Snap Coping
Building Location:
Architect:
Building Owner:
Completion Date:
Installing Contractor:
Material 24-gauge steel Coping & 20-gauge steel Continuous Cleat
Certificate Number: 100622-7

Building Height:
Building Exposure:
Importance Classification:
Design Wind Speed:
Vertical Design Pressure (Top): 200 ppf
Horizontal Design Pressure (Face): 62.50 ppf
Product Size: 6" Outside Face, 20" Top, 5.25" Inside Face

ES-1 CERTIFIED TO: 120 psf

Date: June 10, 2022
Expiration/Renewal Date: June 10, 2023

Authorized Signature for Wind Testing Services Corporation

Disclaimer

All basic wind speed, velocities and velocity pressure calculations are based on the maps and formulas provided in the document ANSI/SPRI ES-1 2003 "Wind Design Standard for Edge Systems Used with Low Slope Roofing Systems" and the SII/ACSE 7-02 standard. Although every care has been taken to ensure that the information based on state and county is accurate according to the standards, official wind speed requirements can vary based on local and county jurisdiction. It is highly recommended that any information regarding wind speed velocity provided be verified with local and county officials before any action is taken. No liability is accepted or implied by Wind Testing Services Corporation for such information and advice.

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WIND TESTING SERVICES CORPORATION

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Certificate of ANSI/SPRI FM 4435 ES-1 Compliance

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Product(s) Certified: V-Snap Coping
Building Location:
Architect:
Building Owner:
Completion Date:
Installing Contractor:
Material: .040 aluminum Coping & 20-gauge steel Continuous Cleat
Certificate Number: 100622-8

Building Height:
Building Exposure:
Importance Classification:
Design Wind Speed:
Vertical Design Pressure (Top): 283.3 ppf
Horizontal Design Pressure (Face): 72.6 ppf
Product Size: 6" Outside Face, 20" Top, 5.25" Inside Face

ES-1 CERTIFIED TO: 170 psf

Date: June 10, 2022
Expiration/Renewal Date: June 10, 2023

Authorized Signature for Wind Testing Services Corporation

Discaltnler

[Signature] / President

All basic wind speed velocities and velocity pressure calculations are based on the maps and formulas provided in the document ANSI/SPRI ES-1 2003 "Wind Design Standard for Edge Systems Used with Low Slope Roofing Systems" and the SCAI/CSE 7-02 standard. Although every care has been taken to ensure that the information based on state and county is accurate according to the standards, official wind speed requirements can vary based on local and county jurisdiction. It is highly recommended that any information regarding wind speed velocity provided be verified with local and county officials before any action is taken. No liability is accepted or implied by Wind Testing Services Corporation for such information and advice.

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