Installation Guide for SecurEdge Edgebox RI
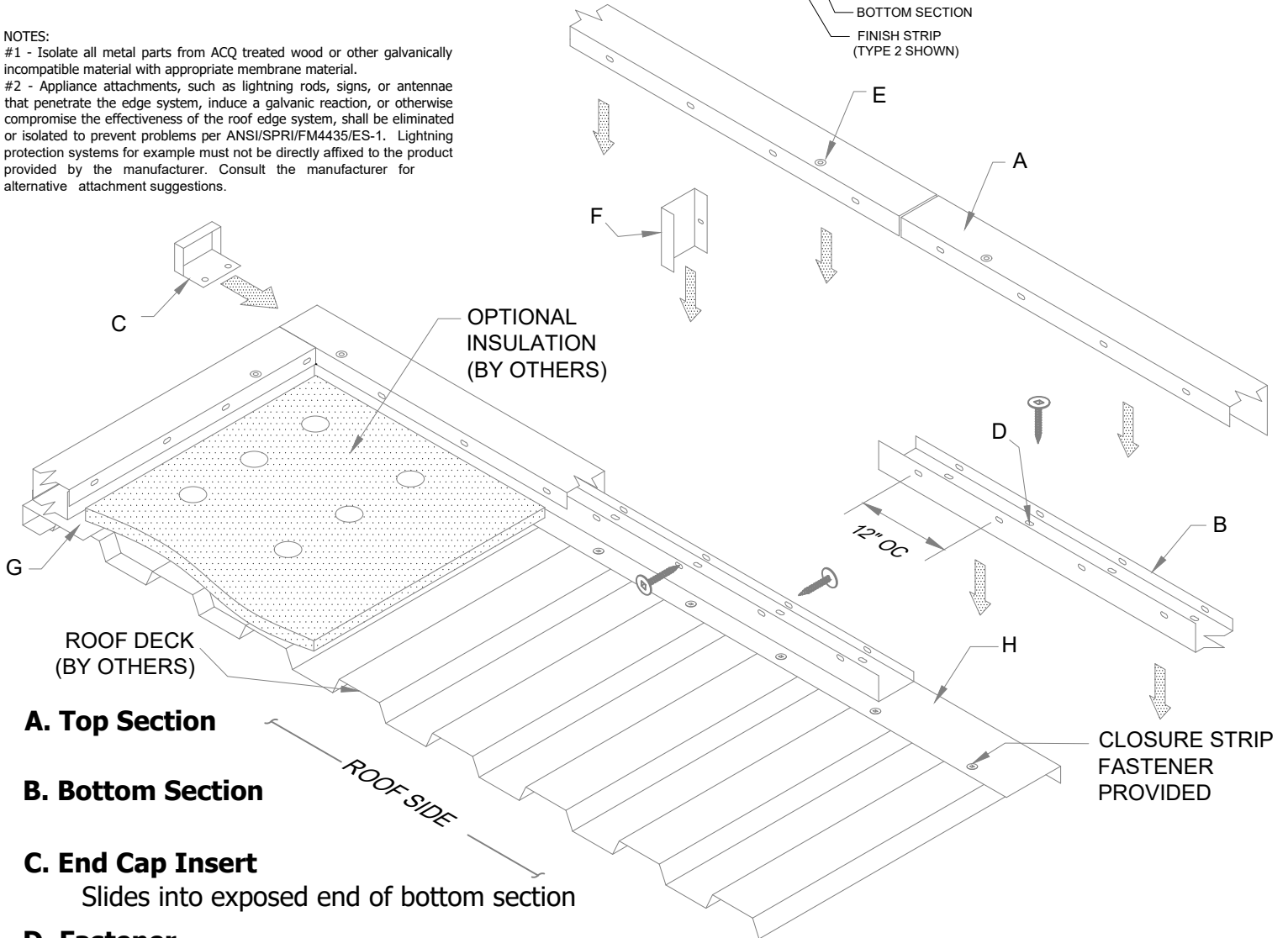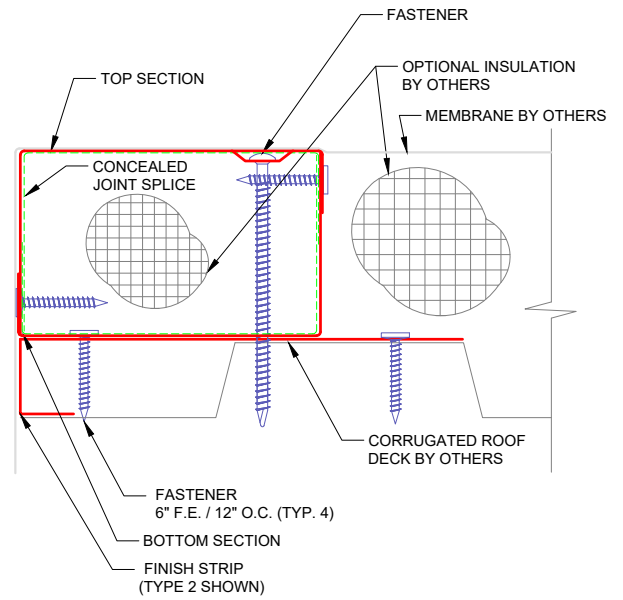
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CARLISLE
SYNTEC SYSTEMS

Installation Guide for SecurEdge EdgeBox RI

FM Approved

MIAMI·DADE COUNTY APPROVED

ANSI/SPRI/FM4435/ES-1 TESTED

NOTES:

#1 - Isolate all metal parts from ACQ treated wood or other galvanically incompatible material with appropriate membrane material.

#2 - Appliance attachments, such as lightning rods, signs, or antennae that penetrate the edge system, induce a galvanic reaction, or otherwise compromise the effectiveness of the roof edge system, shall be eliminated or isolated to prevent problems per ANSI/SPRI/FM4435/ES-1. Lightning protection systems for example must not be directly affixed to the product provided by the manufacturer. Consult the manufacturer for alternative attachment suggestions.

FASTENER

TOP SECTION

OPTIONAL INSULATION BY OTHERS

MEMBRANE BY OTHERS

CONCEALED JOINT SPLICE

CORRUGATED ROOF DECK BY OTHERS

FASTENER 6" F.E. / 12" O.C. (TYP. 4)

BOTTOM SECTION

FINISH STRIP (TYPE 2 SHOWN)

E

A

F

D

B

12" OC

C

OPTIONAL INSULATION (BY OTHERS)

G

H

ROOF DECK (BY OTHERS)

ROOF SIDE

CLOSURE STRIP FASTENER PROVIDED

A. Top Section

B. Bottom Section

C. End Cap Insert
Slides into exposed end of bottom section

D. Fastener
Included and required

E. Fastener
Size varies based on height of EdgeBox min. 1" penetration required
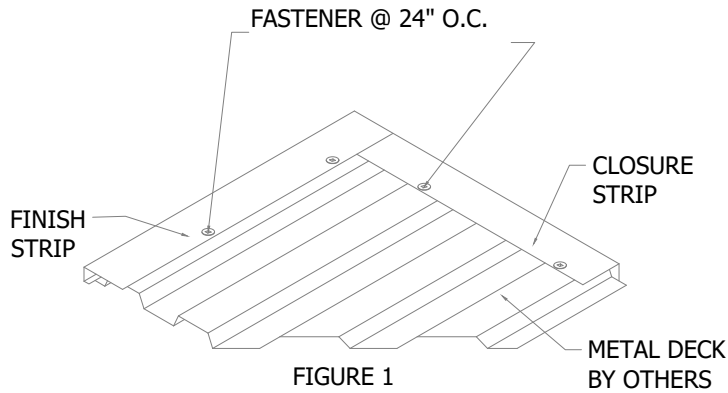
F. EdgeBox Spine
Required for height or width greater than 6"

G. Finish Strip
Parallel to deck flutes (required for metal deck

H. Closure Strip
Perpendicular to deck flutes (required for metal deck)

FASTENER @ 24" O.C.

FINISH
STRIP

CLOSURE
STRIP

METAL DECK
BY OTHERS

FIGURE 1

STEP 1: Installing Closure Strip & Finish Strip

Required for metal deck only. Place appropriate strips on the edge of the metal deck. Secure in place with provided fastener. Fastener heads not to interfere with bottom sections.
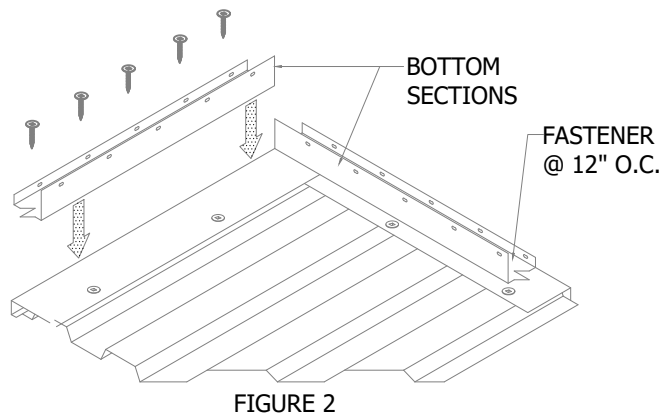
BOTTOM
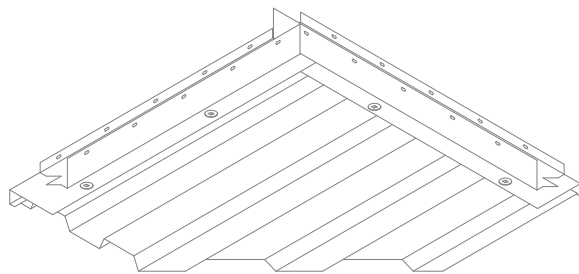SECTIONS

FASTENER
@ 12" O.C.

FIGURE 2

FIGURE 3

STEP 2: Installing Bottom Section

Starting at the corners, place bottom sections as shown above working from the corners to the center. Secure in place using provided fasteners through pre-punched holes. Butt adjacent sections against original.
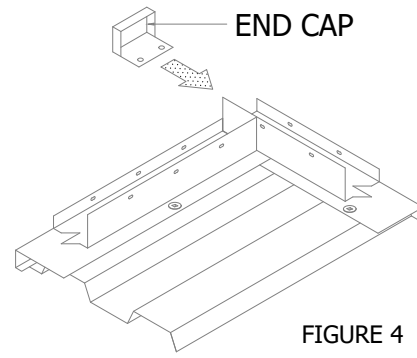
END CAP

FIGURE 4

STEP 4: Installing End Caps

Place end cap in exposed end of bottom section, secure with provided fastener (2 per end cap).

TOP
SECTIONS

FIGURE 5

FASTENER,
MIN. 4 PER 12'
SECTION
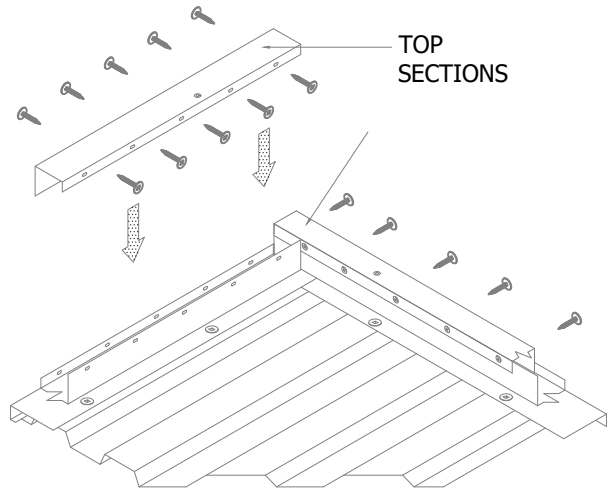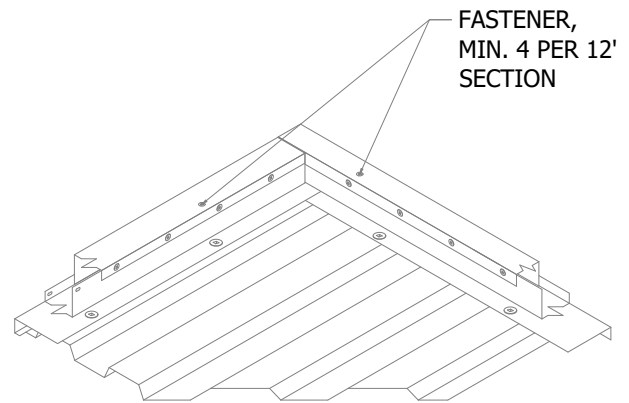
FIGURE 6

STEP 5: Installing Top Section

Starting at the corners, place top sections as shown in FIGURE 5. Working from the corners to the center, consider lengths of middle pieces prior to cutting to avoid creating relatively short sections (less than 5'-0"). Secure top to bottom using fastener through pre-punched holes in the face and through pre-punched holes in the back. Secure top to substrate using fastener through counter-sunk pre-punched holes, through edgebox assembly into substrate. Butt adjacent sections against original.