



EAGLE Z CLIPS & CEILING CLIP

DATE UPDATED: 06/17/2024

Part 1 – GENERAL

1.1 Section Includes

A) Architectural Woodwork 06 40 00

1.2 Related Sections

A) Metal Fabrications 05 50 00
B) Finish Carpentry 06 20 00
C) Interior Finish Carpentry 06 20 23
D) Millwork 06 22 00
E) Board Panelling 06 26 00
F) Interior Architectural Woodwork 06 40 23
G) Wood Panelling 06 42 00
H) Plastic Panelling 06 64 00
I) Composite Panelling 06 83 00
J) Gypsum Board 09 20 00
K) Wall Finishes 09 70 00
L) Wall Coverings 09 72 00
M) Wood Wall Coverings 09 74 13
N) Interior Wall Panelling 09 78 00

1.3 References

A) ASTM B 221 Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
B) AAMA 611 Standards for Class I & II Anodized Aluminum Coatings
C) AAMA 2603 Specification for Powder Coatings

1.4 Submittals

A) Product Data: Indicate product description, including conformity with specified and installation requirements. Mark or furnish manufacturer's specification or data page to include proposed products.

1.5 Quality Assurance

A) Applicable standards; stands of the following, as referenced herein:
a. Aluminum Association (AA)
b. American Society for Testing and Materials (ASTM)
c. American Architectural Manufacturers Association (AAMA)



3 PART SPECIFICATION

- B) Allowable tolerances in horizontal planes:
 - a. Variation from level: +1/8” in 10’
- C) Allowable tolerances in framed vertical construction:
 - a. Position: +1/4” maximum variation from design position.
 - b. Alignment: 1/8” in 8’; 1/4” maximum in any continuous wall, line, or surface.

1.6 Delivery, Storage, and Handling

- A) Deliver Material in manufacturer’s original packaging with identification labels intact.
- B) Stack accessories off floor on pallets or platforms providing continuous support that prevent material bowing. Stack accessories so that long lengths are not placed over short lengths.
- C) Handle Material with care to prevent damages to surfaces, edges, and ends of the aluminum trims (particularly the exposed surfaces). Immediately reject and send back damaged material from the work site.

1.7 Warranty

- A) Manufacturer’s warranty covers material construction defects for a period of 3 years.

Part 2 – PRODUCTS

2.1 Manufacturer

- A) Acceptable manufacturer:

Eagle Aluminum
50 S. Medina St.
Loretto, MN 55357
www.eagle-aluminum.com
763-493-2995

2.2 Materials and Finish

- A) Mill Finish – standard finish for application
- B) Anodized Finishes
 - a. Clear anodized finish
 - i. Architectural 202R1 medium etch (AA-M12C22A21), clear color.
 - b. Color Anodized finish – variety available upon
 - i. Colors – available per the Eagle Aluminum website or product brochures. Custom colors or specific color matches available per customer requests.
 - ii. Recommended for interior use
 - c. Thickness of anodized coating to be tested per ASTM B244-97
 - d. Anodized coating to pass stain resistance test per ASTM B136-84
- C) Powder Coat finish
 - a. Colors – available per the Eagle Aluminum website or product brochures



3 PART SPECIFICATION

D) Custom finish as agreed upon between the customer and the manufacturer

2.3 Eagle Z/Ceiling Clips

A) Eagle Ceiling Clip

a. Acceptable Product Code: ZCP-600

b. Characteristics

- i. Description: Provides a 2 piece interlocking assembly (patent pending) for hanging panels in the horizontal plane (most commonly ceiling panels). The first rail is attached to the wall/ceiling substrate with the second clips or rail being attached to the panel/item being hung. The clips/rails are interlocked to hang the panel in place
- ii. Composition: 6005-T6 Extruded Aluminum
- iii. Dimensions and Design:
 1. 0.725" standoff
 2. 0.383" liftoff
 3. 144", 72", 2.5", or custom length
 4. Additional dimensions as specified per the drawings
- iv. Hole pattern:
 1. Available 8" on center for 144" & 72" rails
 2. Available with 2 offset holes for the 2.5" clip
 3. Custom hole patterns per application
 4. No holes

B) Eagle 375 Z Clip

a. Acceptable Product Code: ZCP-375; ZCP-375-S

b. Characteristics

- i. Description: Provides a 2 piece interlocking assembly for hanging panels in the vertical plane (most commonly wall panels). The first rail is attached to the wall substrate with the second clips or rail being attached to the panel/item being hung. The clips/rails are interlocked to hang the panel in place
- ii. Composition: 6005-T6 Extruded Aluminum
- iii. Dimensions and Design:
 1. 0.25" standoff
 2. 0.375" liftoff
 3. 144", 72", 2", or custom length
 4. Additional dimensions as specified per the drawings
- iv. Hole pattern:
 1. Available 8" on center for 144" & 72" rails
 2. Available with 2 offset holes for the 2" clip
 3. Custom hole patterns per application
 4. No holes

C) Eagle 62518 Z Clip

a. Acceptable Product Code: ZCP-62518; ZCP-62518-S

b. Characteristics

- i. Description: Provides a 2 piece interlocking assembly for hanging panels in the vertical plane (most commonly wall or ceiling panels). The first rail is attached to the wall substrate with the second clips or rail being attached



3 PART SPECIFICATION

to the panel/item being hung. The clips/rails are interlocked to hang the panel in place

- ii. Composition: 6005-T6 Extruded Aluminum
- iii. Dimensions and Design:
 - 1. 0.1875" standoff
 - 2. 0.625" liftoff
 - 3. 144", 72", 1.5", or custom length
 - 4. Additional dimensions as specified per the drawings
- iv. Hole pattern:
 - 1. Available 8" on center for 144" & 72" rails
 - 2. Available with 2 offset holes for the 1.5" clip
 - 3. Custom hole patterns per application
 - 4. No holes

D) Eagle 62525 Z Clip

- a. Acceptable Product Code: ZCP-62525
- b. Characteristics
 - i. Description: Provides a 2 piece interlocking assembly for hanging panels in the vertical plane (most commonly wall or ceiling panels). The first rail is attached to the wall substrate with the second clips or rail being attached to the panel/item being hung. The clips/rails are interlocked to hang the panel in place
 - ii. Composition: 6005-T6 Extruded Aluminum
 - iii. Dimensions and Design:
 - 1. 0.25" standoff
 - 2. 0.625" liftoff
 - 3. 144", 72", 1.5", or custom length
 - 4. Additional dimensions as specified per the drawings
 - iv. Hole pattern:
 - 1. Available 8" on center for 144" & 72" rails
 - 2. Available with 2 offset holes for the 1.5" clip
 - 3. Custom hole patterns per application
 - 4. No holes

E) Eagle 2525 Z Clip

- a. Acceptable Product Code: ZCP-2525
- b. Characteristics
 - i. Description: Provides a 2 piece interlocking assembly for hanging panels in the vertical plane (most commonly wall or ceiling panels). The first rail is attached to the wall substrate with the second clips or rail being attached to the panel/item being hung. The clips/rails are interlocked to hang the panel in place
 - ii. Composition: 6005-T6 Extruded Aluminum
 - iii. Dimensions and Design:
 - 1. 0.25" standoff
 - 2. 0.25" liftoff
 - 3. 144", 72", 2", or custom length
 - 4. Additional dimensions as specified per the drawings



3 PART SPECIFICATION

- iv. Hole pattern:
 - 1. Available 8" on center for 144" & 72" rails
 - 2. Available with 2 offset holes for the 2" clip
 - 3. Custom hole patterns per application
 - 4. No holes

2.4 Fasteners

- A) Fasteners: To be provided by installer

Part 3 – EXECUTION

3.1 Installation

- A) Install Eagle Z Clips, Ceiling Clips, and accessories in accordance with manufacturer's product data.

3.2 Protection

- A) Protect accessories from damage until date of substantial completion. Replace accessories that become damaged.