



CODE EVALUATION REPORT

CERus-1051

PUBLISHED: June 2025
REVISED: June 2025
EXPIRATION: June 2027

PRODUCT(s): Aluminum Siding

REPORT HOLDER: Clickclad

CONTACT DETAILS: 1270 West 134 St.
Gardena, CA 90247
USA

CSI DIVISIONS: 07 00 00 – Thermal and Moisture Protection

CSI SECTION: 07 46 00 – Siding

APPLICABLE CODES: 2024 International Building Code (IBC)
2024 International Residential Code (IRC)
2022 California Building Code (CBC)
2022 California Residential Code (CRC)

EVALUATED: Transverse Wind Load
Non-Combustibility



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QAI LABORATORIES

LOS ANGELES | TULSA | MIAMI | TORONTO | VANCOUVER | SEOUL | SHANGHAI



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1.0 APPROVED FOR FOLLOWING:

APPROVED TYPES OF CONSTRUCTION:	Types I-V
APPROVED USE:	Exterior Cladding.
APPROVED INSTALLATIONS:	Exterior cladding on bearing and non-load bearing exterior walls.

2.0 DESCRIPTION:

2.1 General:

Clickclad Aluminum Siding is intended to be installed as an exterior non-load bearing aluminum cladding system for use under the 2024 IBC and IRC as an AAMA 1402 approved material. Clickclad Aluminum siding can come in a variety of powder coated surface finishes.

Clickclad Aluminum Siding complies with the 2024 IBC Section 1403.5.1 and the 2024 IRC Section R703.3.

The aluminum is classified as a non-combustible when tested in accordance with ASTM E136. The siding with a powder coated finish complies with 2024 IBC Section 703.3.1 and as a non-combustible material.

Clickclad Aluminum Siding is intended for installation over structural sheathing materials listed in Section 2304.6 of the 2024 IBC or Section R604 of the 2024 IRC or non-structural sheathing as outlined in 2024 IRC Section R703.15.1. Installation shall include a water-resistive barrier complying with Section 1403 of the 2024 IBC or R703 of the 2024 IRC as appropriate.

Clickclad Aluminum Siding is classified non-combustible and complies for use in Types I-V construction. See section 4.2 of this report respectively for details.

Clickclad Aluminum Siding complies for use under the 2022 California Building Code (CBC) and 2022 California Residential Code (CRC) when installed in accordance with Section 12 of this report.

2.2 Clickclad Aluminum Siding:

Clickclad Aluminum Siding is 55 mils (1.4 mm) thick and manufactured out of 6063 aluminum. Clickclad Aluminum Siding and comes in various profiles as shown in Section 9 available in lengths up to 12 ft (3658 mm). Clickclad Aluminum Siding can come in a variety of powder coated surface textures and colors.

Clickclad Aluminum Siding has a flame spread index of 0 and a smoke developed index of 15 when evaluated in accordance with ASTM E84.

2.3 Clickclad Click Rail:

The Click rail is 98 mils (2.5 mm) thick and available in two heights manufactured from 6063 aluminum. See Section 9 of this report for details of Click Rails.

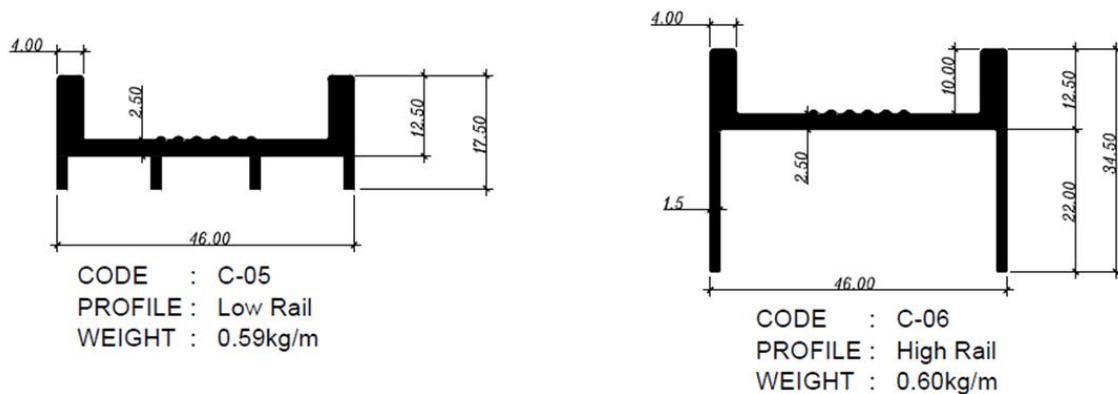


Figure 1: Click Rail profile drawing.

3.0 DESIGN:

Clickclad Aluminum Siding is exterior cladding products for installation over code complying wall framing, and sheathing including an approved water resistive barrier. Use of Clickclad Aluminum Siding does not require professional design but shall be in applications where wind-resistance requirements determined in accordance with the applicable code are within the limits as outlined in Section 8.1 of this report for installations described.

3.1 Wind Resistance:

Clickclad Aluminum Siding must be installed on a substrate intended to withstand the positive and negative design wind loads. The substrate must be covered with an approved water-resistive barrier where required by code. See Table 1 in Section 8.2 for allowable static loads.

4.0 INSTALLATIONS:

4.1 General:

Installation of Clickclad Aluminum Siding products must comply with the manufacturer's published installation instructions, this report, and the applicable code(s). Where differences are found between documents, this report and the applicable building code shall be followed. The manufacturer's published installation instructions must be available at the jobsite at all times during installation.

Installation of Clickclad Aluminum siding must comply with the prescriptive requirements of Section 1404.12 of the 2024 IBC or Sections R703.3 and Table R703.3(1) of the 2024 IRC. The Clickclad Aluminum siding must be installed over exterior walls including the code prescribed water-resistive barrier and sheathing products.

4.2 Types I-IV Construction

Clickclad aluminum siding is classified noncombustible and can be used as exterior cladding in Types I-IV construction when installed in accordance with this report with the following limitations:



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4.2.1: Any Combustible Water Resistive Barriers: Clickclad aluminum siding is approved for use as exterior cladding in Types I-IV construction when installed with a combustible water-resistive barrier where the building is limited to ≤ 40 ft (12.2 m) measured from grade.

4.2.2: Restricted Combustible Water Resistive Barriers: Clickclad Aluminum Siding products are approved for use as exterior cladding in Types I-IV construction when installed with a combustible water resistive barrier in buildings > 40 ft (12.2 m) height where the water resistive barrier is the only combustible component meeting the following criteria:

1. The water-resistive barrier has a flame spread of ≤ 25 and smoke developed index of ≤ 450 when evaluated in accordance with ASTM E84 or UL 723, and
2. The water-resistive barrier meets the following criteria when evaluated to ASTM E1354 at the intended installed thickness tested in the horizontal orientation with an applied heat flux of 50 kW/m²:
 - a. Peak heat release rate of ≤ 150 kW/m²
 - b. Total heat release of ≤ 20 MJ/m²
 - c. Effective heat of combustion of ≤ 17 MJ/kg

5.0 LIMITATIONS

- Clickclad Aluminum Siding are to be installed in accordance with the manufacturer's installation instructions, the applicable code and this report. Where differences exist between documents, the applicable code and this report shall be followed.
- Where Clickclad Aluminum Siding products are used in Types I-IV construction, installation is to be in accordance with Sections 4.2 of this report.
- Clickclad Aluminum Siding products require installation with fasteners of the same material or approved for direct aluminum contact, or isolated from the aluminum by an approved coating.
- Clickclad Aluminum Siding was evaluated in accordance with AAMA 1402, as referenced in the IBC Section 1403.5.1, with the exception of the coating. Evaluation of the coating per Section 3.2.4 of AAMA 1402 is outside the scope of this code evaluation report.
- Clickclad Aluminum Siding is fabricated in Gardena, CA under an approved quality program with inspections by QAI Laboratories.



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6.0 SUPPORTING INFORMATION:

The following data has been submitted for evaluation of Clickclad Aluminum Siding products:

- Data outlining compliance with AAMA 1402 (American Architectural Manufacturers Association Standard Specifications for Aluminum Siding, Soffit and Fascia).
- Data evaluating non-combustibility in accordance with ASTM E136.

7.0 MARKING:

Each bundle of siding is marked with the following information.

- Report Holders Name: Clickclad Aluminum Siding
- Report Holders Address: 1270 West 134 St., Gardena, CA 90247
- Siding Model Code
- Siding Color
- QAI CER Number: CER_{US}-1051
- QAI Certification Mark as shown here.





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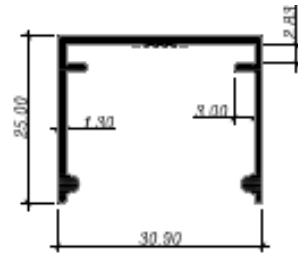
8.0 RESULTS / RATINGS:

8.1 Allowable Load Capacities

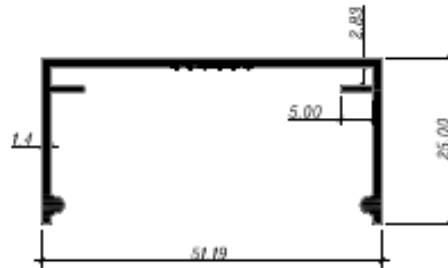
Configuration	Stud Spacing (in.)	Click rail Fastening Method	Fastener Type	Click rail Fastener Spacing (inches)	Clickclad Siding profile width	Allowable Static Design Load (psf)
1	16	Face screwed into stud	Minimum #6 x 2-inch code compliant fastener	16-inches	≤6-inch face	-70
2	16	Face screwed into stud	Minimum #6 x 2-inch code compliant fastener	16-inches	≤4-inch face	-235

9.0 PRODUCT DETAILS

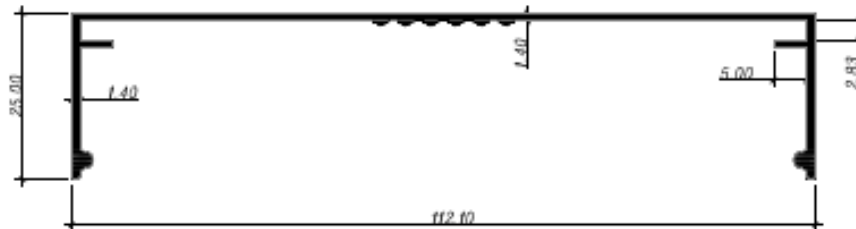
9.1 Clickclad Aluminum Siding Profiles



CODE : C-01
PROFILE : Clip 1.2" High
WEIGHT : 0.34kg/m



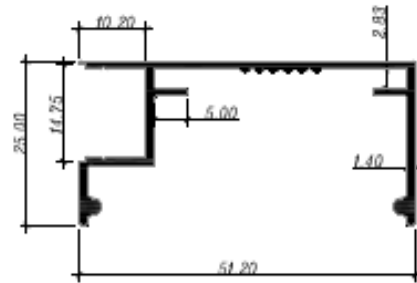
CODE : C-02
PROFILE : Clip 2" High
WEIGHT : 0.41kg/m



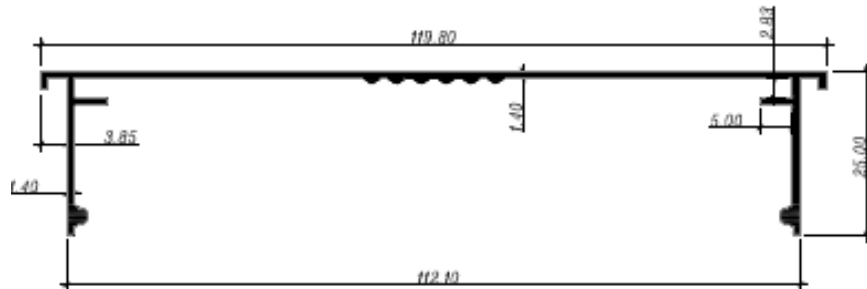
CODE : C-03
PROFILE : Clip 4" High
WEIGHT : 0.632kg/m



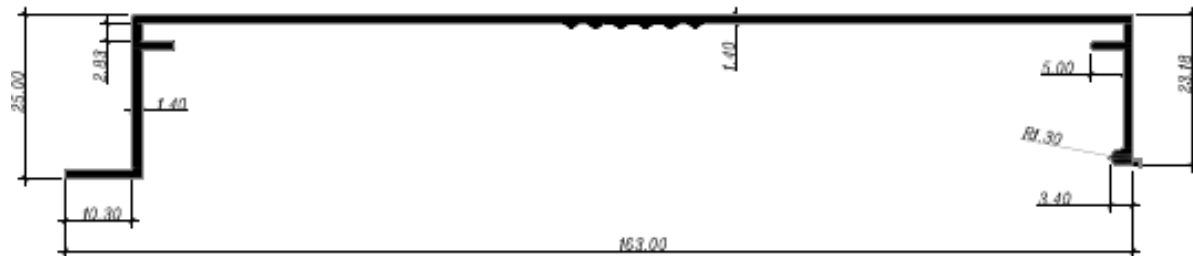
CODE : C-04
PROFILE : Clip 6" High
WEIGHT : 0.85kg/m



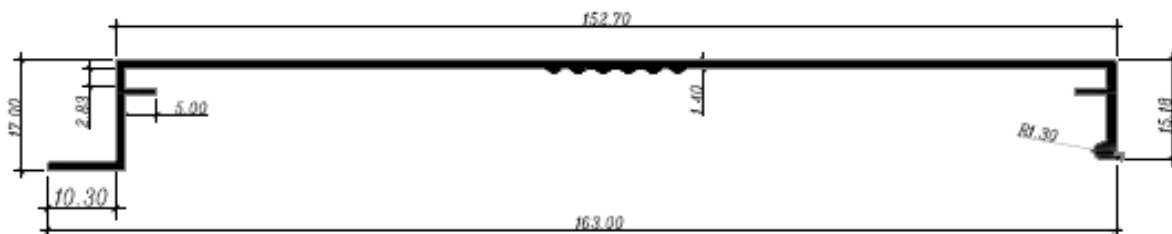
CODE : C-07
PROFILE : Clip 2" LED High
WEIGHT : 0.46kg/m



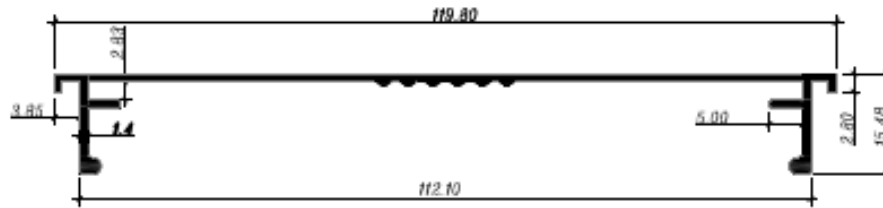
CODE : C-08
PROFILE : Clip 4" Close High
WEIGHT : 0.63kg/m



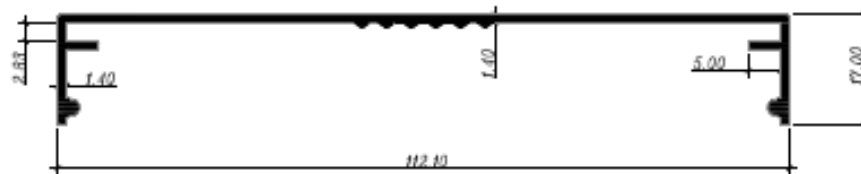
CODE : C-09
PROFILE : Clip 6" High Water Proof Cladding
WEIGHT : 0.818kg/m



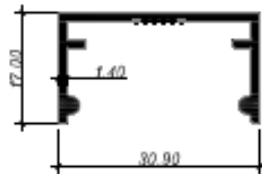
CODE : C-10
PROFILE : Clip 6" Low Water Proof Siding
WEIGHT : 0.75kg/m



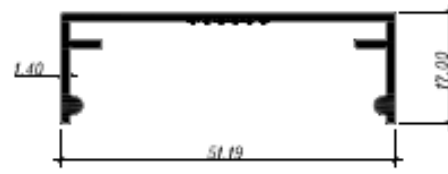
CODE : C-011
PROFILE : Clip 4" Close Low
WEIGHT : 0.607kg/m



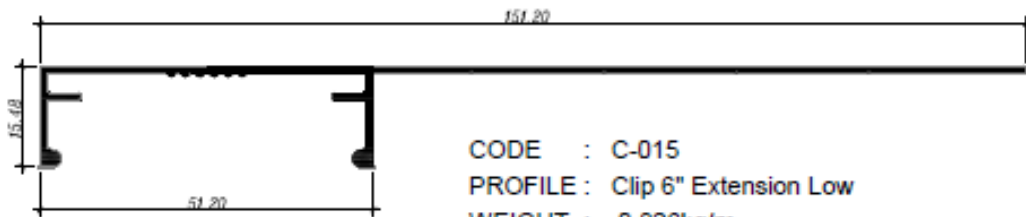
CODE : C-012
PROFILE : Clip 4" Low
WEIGHT : 0.543kg/m



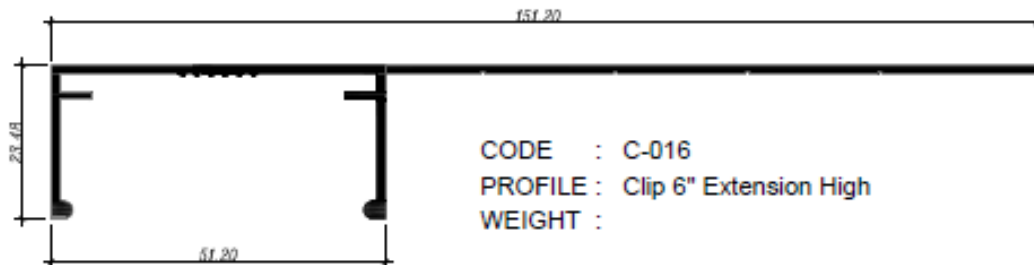
CODE : C-013
PROFILE : Clip 1.2" Low
WEIGHT : 0.270kg/m



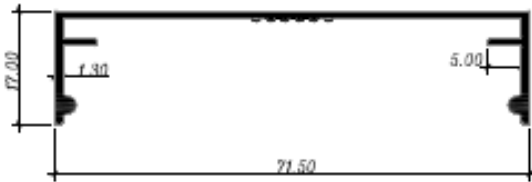
CODE : C-014
PROFILE : Clip 2" Low
WEIGHT : 0.350kg/m



CODE : C-015
PROFILE : Clip 6" Extension Low
WEIGHT : 0.826kg/m



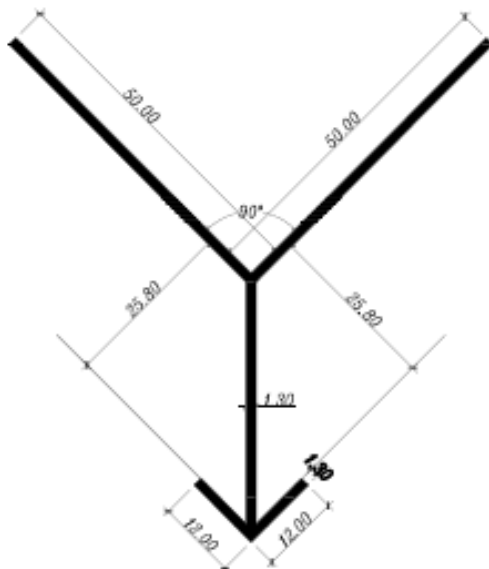
CODE : C-016
PROFILE : Clip 6" Extension High
WEIGHT :



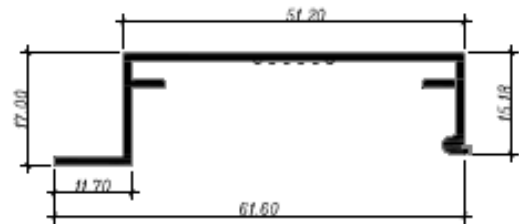
CODE : C-017
PROFILE : Clip 3" Low
WEIGHT : 0.422kg/m



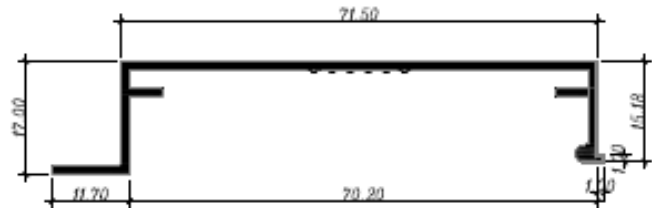
CODE : C-018
PROFILE : Back Cover 2"
WEIGHT : 0.344kg/m



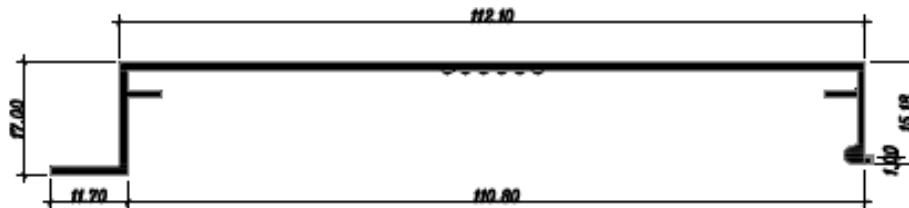
CODE : C-019
PROFILE : Corner Low
System
WEIGHT : 0.568kg/m



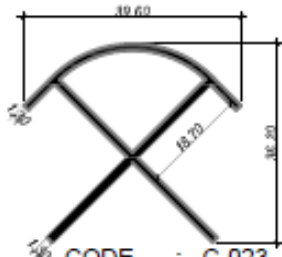
CODE : C-020
PROFILE : Clip 2" Low Water Tight
WEIGHT : 0.376kg/m



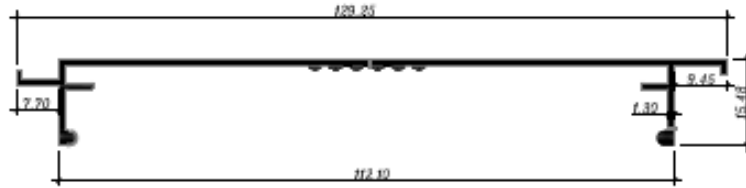
CODE : C-021
PROFILE : Clip 3" Low Water Tight
WEIGHT : 0.442kg/m



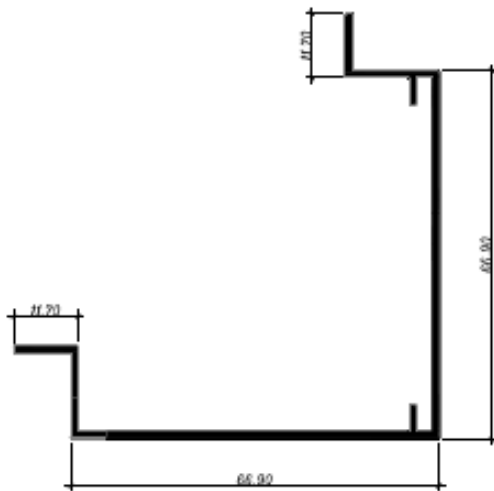
CODE : C-022
PROFILE : Clip 4" Low Water Tight
WEIGHT : 0.594kg/m



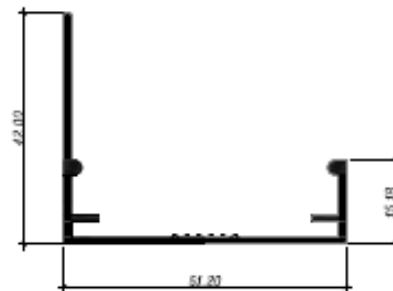
CODE : C-023
PROFILE : Round Corner Finish
WEIGHT : 0.445kg/m



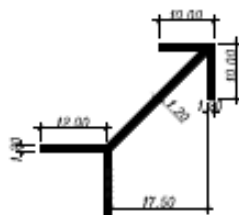
CODE : C-024
PROFILE : Clip 4" Close Low II
WEIGHT :



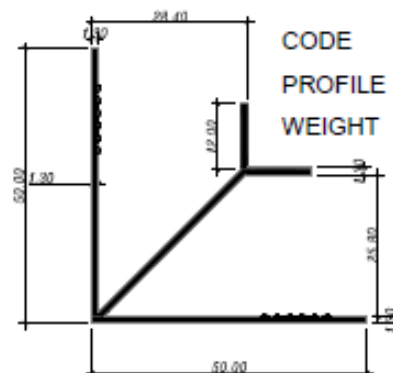
CODE : C-025
PROFILE : Corner II Low
WEIGHT :



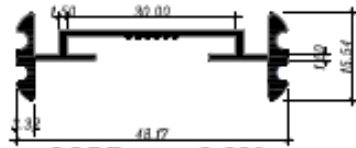
CODE : C-026
PROFILE : Clip 2" Low Finish
WEIGHT :



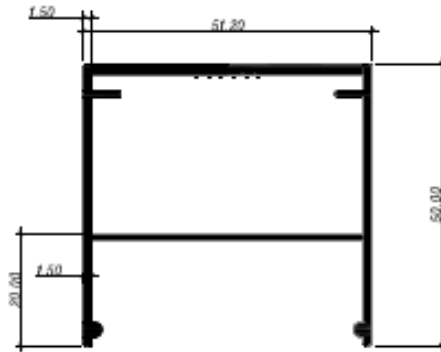
CODE : C-027
PROFILE : Corner System II Low
WEIGHT :



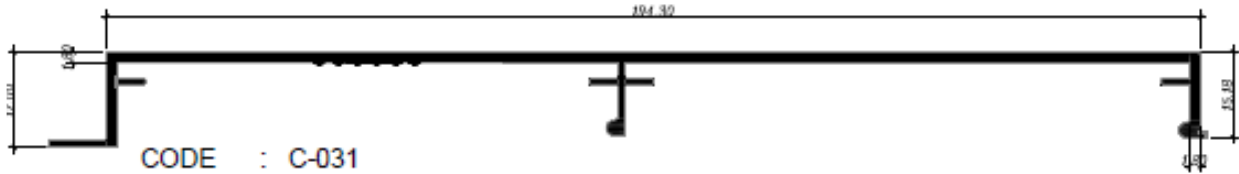
CODE : C-028
PROFILE : Corner System High
WEIGHT : 0.567kg/m



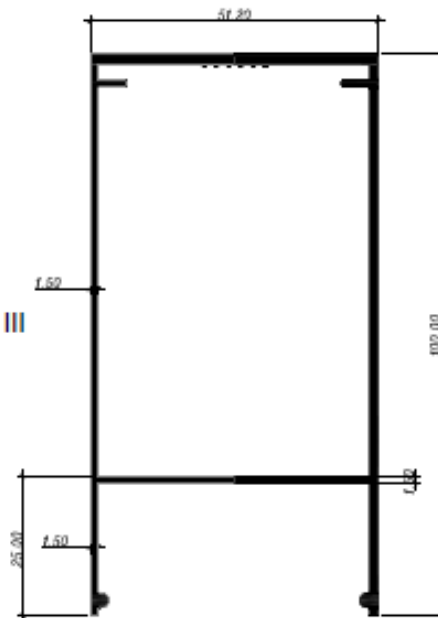
CODE : C-029
PROFILE : Adapter for 2" Clip
WEIGHT : 0.437kg/m



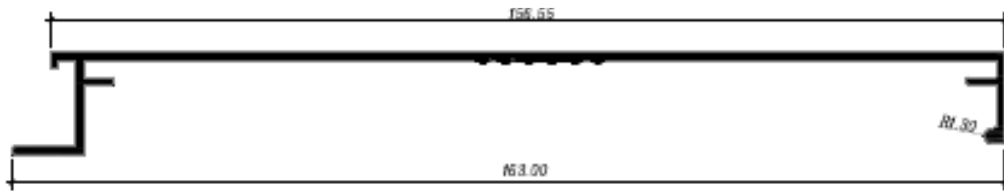
CODE : C-030
PROFILE : Clip 2" High II
WEIGHT :



CODE : C-031
PROFILE : Clip 8" Low Water Proof Cladding
WEIGHT :



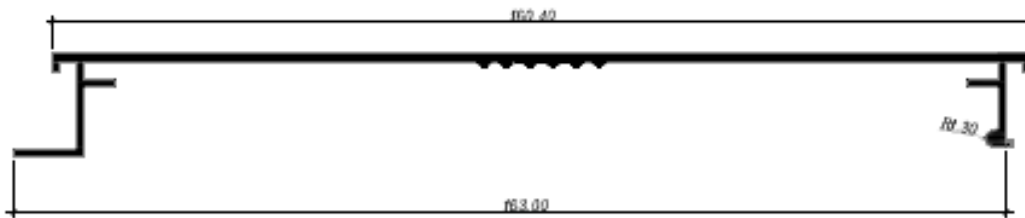
CODE : C-032
PROFILE : Clip 2" High III
WEIGHT : 1.301kg/m



CODE : C-033 A

PROFILE : Clip 6" Close Low /Water Proof Cladding A

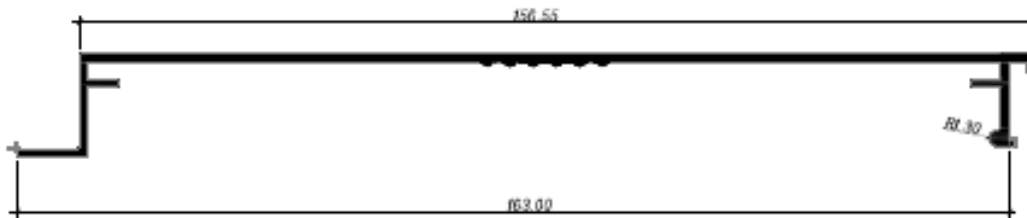
WEIGHT :



CODE : C-033 B

PROFILE : Clip 6" Close Low /Water Proof Cladding B

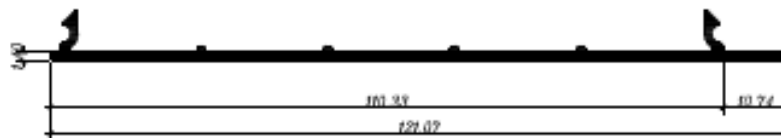
WEIGHT :



CODE : C-033 C

PROFILE : Clip 6" Close Low /Water Proof Cladding C

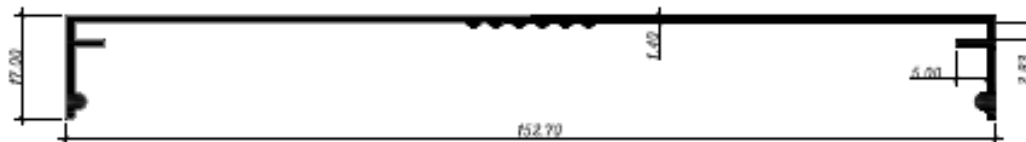
WEIGHT :



CODE : C-034

PROFILE : Clip 4" back Cover

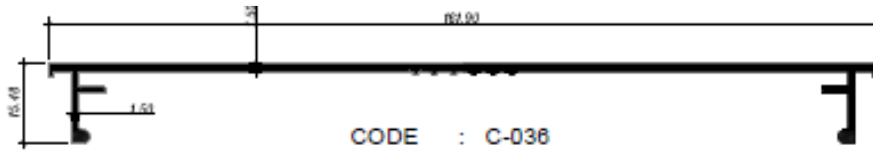
WEIGHT :



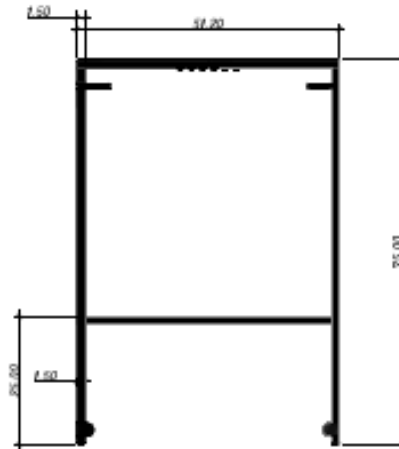
CODE : C-035

PROFILE : Clip 6" Low

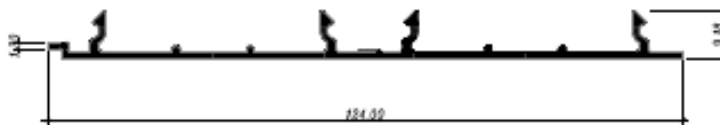
WEIGHT :



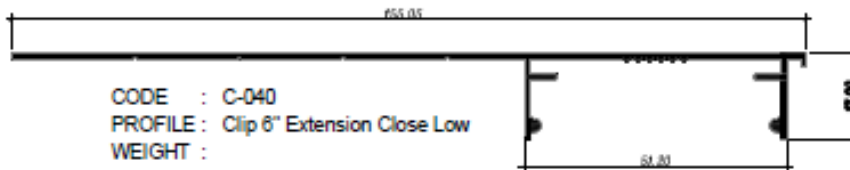
CODE : C-038
PROFILE : Clip 6" Close Low
WEIGHT :



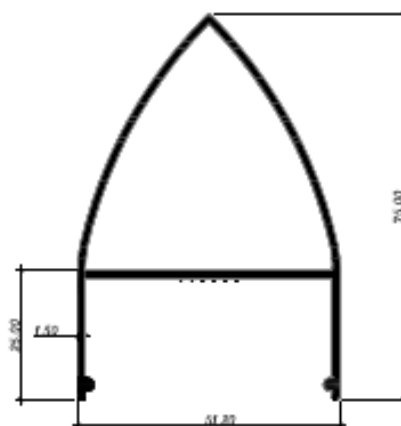
CODE : C-038
PROFILE : Clip 2" High V
WEIGHT :



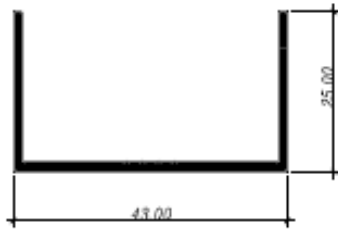
CODE : C-039
PROFILE : Clip 2"- 4" back Cover
WEIGHT : 0.601kg/m



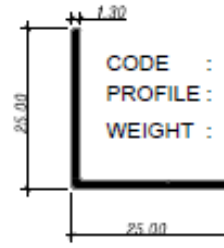
CODE : C-040
PROFILE : Clip 6" Extension Close Low
WEIGHT :



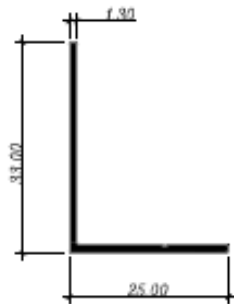
CODE : C-041
PROFILE : Clip 2" High VI
WEIGHT :



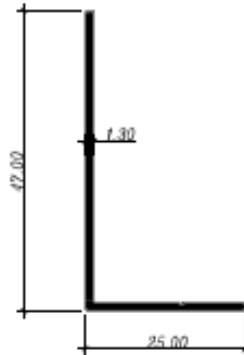
CODE : C-045
PROFILE : U Channel
WEIGHT : 0.350kg/m



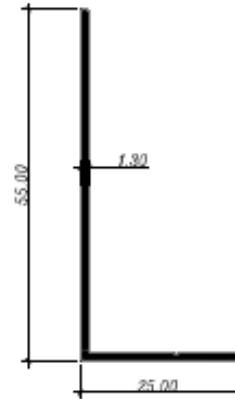
CODE : C-054
PROFILE : Finish Angle 1\"X1\"
WEIGHT : 0.154kg/m



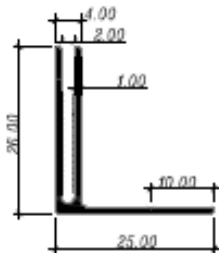
CODE : C-055
PROFILE : Finish Angle 1\"X 1.3\"
WEIGHT : 0.184kg/m



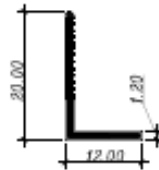
CODE : C-056
PROFILE : Finish Angle 1\"X 1.85\"
WEIGHT : 0.232kg/m



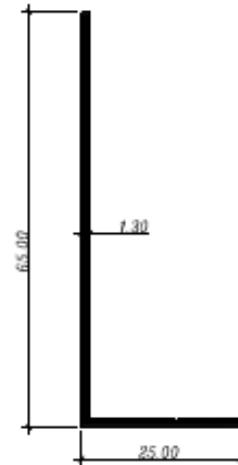
CODE : C-057
PROFILE : Finish Angle 1\"X 2.36\"
WEIGHT : 0.240kg/m



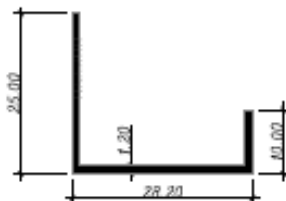
CODE : C-058
PROFILE : Adjustable Angle A
WEIGHT : 0.238kg/m



CODE : C-059
PROFILE : Adjustable Angle B
WEIGHT : 0.138kg/m

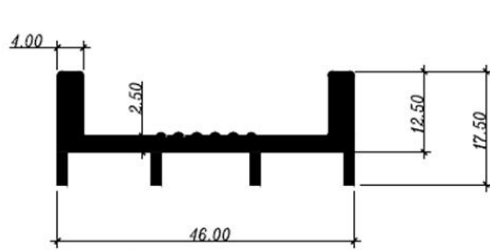


CODE : C-060
PROFILE : Finish Angle 1\"X 2.56\"
WEIGHT :

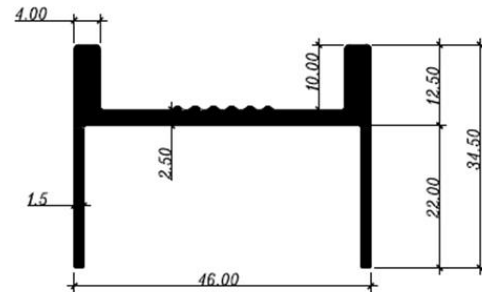


CODE : C-061
PROFILE : 1 Pcs Trim Finish
WEIGHT : 0.195kg/m

9.2 Clickclad Click Rail Profiles



CODE : C-05
PROFILE : Low Rail
WEIGHT : 0.59kg/m

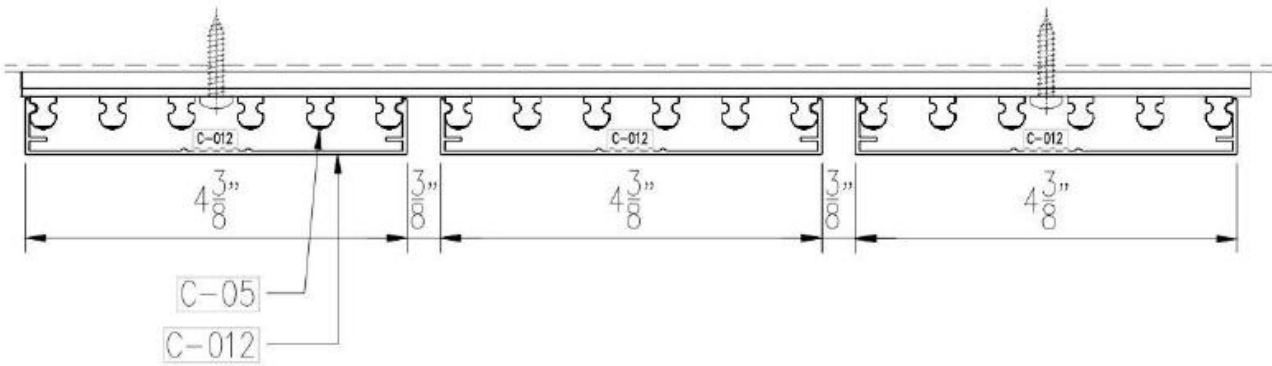


CODE : C-06
PROFILE : High Rail
WEIGHT : 0.60kg/m

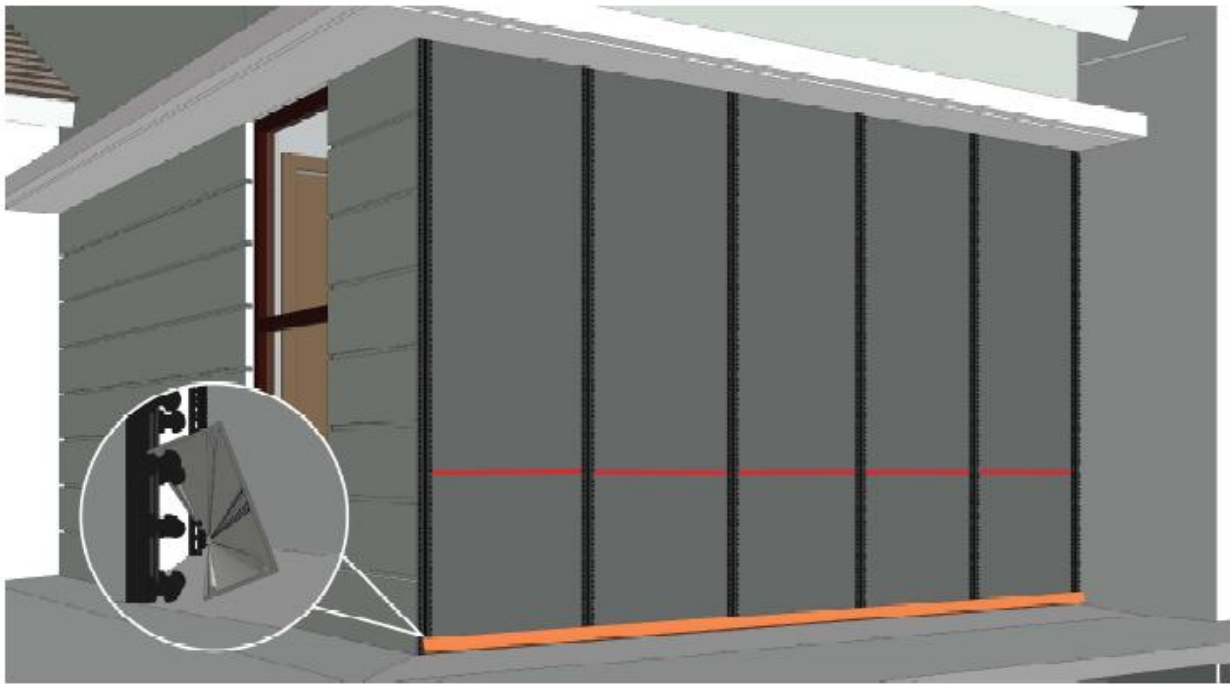
9.3 Clickclad Installation Details



9.3.1 Figure of the Click Rail and Clickclad Interaction



9.3.2 Drawing of Clickclad and Click Rail Representative Assembly



9.3.3 Figure of Click rail installed vertically on the wall



9.3.4 Figure of finished Clickclad Wall System.



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10.0 SUPPLEMENTAL CODES

10.1 2022 California Building Code (CBC) and California Residential Code (CRC)

10.1.1 2022 California Building Code (CBC)

Clickclad Aluminum Siding as detailed in Section 2.0 through Section 9.0 of CER_{US}-1051 comply with the 2022 California Building Code when installed with the applicable building codes and this report.

Clickclad Aluminum Siding when installed in accordance with this report may be used in the exterior construction of new buildings located in a Fire Hazard Severity Zone within State Responsibility Areas or Wildland-Urban Interface Fire Area as the requirements of CBC Section 707.3 are met. The Clickclad Aluminum Siding complies with the noncombustible material performance requirements of CBC Section 707A.3 when tested in accordance with ASTM E136.

10.1.2 2022 California Residential Code (CRC)

Clickclad Aluminum Siding as detailed in Section 2.0 through Section 9.0 of CER_{US}-1051 comply with the 2022 California Residential Code when installed with the applicable building codes and this report.

Clickclad Aluminum Siding when installed in accordance with this report may be used in the exterior construction of new buildings located in a Fire Hazard Severity Zone within State Responsibility Areas or Wildland-Urban Interface Fire Area as the requirements of CRC Section R337.7.3 are met. The Clickclad Aluminum Siding complies with the noncombustible material performance requirements of CBC Section 707A.3 when tested in accordance with ASTM E136.

11.0 ELIGIBILITY OF REPORT

QAI's Code Evaluation Report complies with the 2024 IBC Section 104.2.3 and 2021 / 2018 / 2015 IBC Section 104.11 *Alternative materials, design and methods of construction and equipment* subsection 104.11.1 *Research Reports*. Supporting data has been evaluated by QAI for compliance of the noted materials and assemblies to the applicable code by QAI, and *approved* source as detailed below.

The attached report has been reviewed by a QAI Registered Professional Engineer approved by the specific state Board of Professional Engineers noted on the specific P.E. seal(s).

Per section 1703 of the IBC, QAI is an independent third-party testing, inspection and certification agency accredited by the International Accreditation Service, Inc. (IAS) for this specific scope (see IAS PCA-118, PCA-119). QAI can confirm that based on its IAS accreditation it meets IBC Section 1703.1 on Independence, Section 1703.1.2 on Equipment and Section 1703.1 on Personnel.

This Evaluation report has been designed to meet the performance requirements of IBC Section 1703.4 and contains the required information to show the product, material or assembly meets the applicable code requirements.

The product is labeled per section IBC 1703 and subject to follow-up inspection per IBC 1703.6 using QAI IAS accredited ISO 17020 inspection program (see IAS AA-635, AA-723).

For more information regarding QAI Laboratories, please visit www.qai.org.



The above is an example of the QAI registered Listing mark. The Listing mark may only be used by the Report Holder per the QAI service agreement on products defined in this report. The 'us' indicator in the 4 o'clock position indicates the product complies with the properties evaluated with limitations outlined in this report for use in the US market. A 'c' indicator in the 8 o'clock position indicates the product has been evaluated for use in the Canadian market.

12.0 REFERENCED STANDARDS

AAMA 1402 *American Architectural Manufacturers Association Standard Specifications for Aluminum Siding, Soffit and Fascia*

ASTM E136 *Standard Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750°C.*

ASTM E84 *Standard Test Method for Surface Burning Characteristics of Building Materials.*