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# AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report(s). This authorization also applies to the Multiple Listee model(s) identified on the correlation page of the Listing Report.

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| | |
|---|---|
| **Applicant:** | ECO BIERZO COMPOSITE SL<br>Poligono industrial La Rozada, Parcela,2, calle Isaac Prado Bodelón<br>Paradones, Toral de los vados, Leon 24516<br>Spain |
| **Contact:** | Diego Luciano Galban Hierro |
| **Phone:** | +34 987 553 117 (545) |
| **Email:** | d.galban@stacbond.es |
| **Party Authorized to Apply Mark:** | See following page(s) |
| **Evaluation Center:** | Intertek (Middle East) |
| **Client Number:** | 438052 |

**Authorized By:** _____
**Jean-Philippe Kayl, Director of Certification**

Intertek Testing Services NA, Inc.
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This document supersedes all previous Authorizations to Mark for the noted Report Number.

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| | |
|---|---|
| **Testing Standard(s):** | CAN / ULC S134 (2013) (R2018), NFPA 285 (2019), CAN / ULC S102 (2018), ASTM E84 (2022), NFPA 285 (2024) Ed.2025 |
| **Product:** | ECO BIERZO COMPOSITE, SL - STACBOND® FR |

**ATM for Spec Id:** 52090 **ATM Issue Date:** 10/14/2026

**Listing Section(s):** BUILDING PANELS
BUILDING MATERIALS WITH SURFACE BURNING CHARACTERISTICS

**CSI Code(s):** 07 42 13.23 Metal Composite Material Wall Panels

**Description:**

**Product Description:**

STACBOND® FR is a 4 mm thick, metal composite material consisting of two nominally 0.50 mm aluminum skins, bonded to both surfaces of an extruded fire retardant core of thermoplastic resins and mineral charge.

**FLAME SPREAD RATINGS**

| Test Standard | Flame Spread | Smoke Development |
|---|---|---|
| CAN/ULC-S102 | ≤25 | ≤50 |
| ASTM E84 | ≤25 | ≤450 |

**FIRE RATING**

| Test Standard | Rating/Results | Design Number |
|---|---|---|
| CAN/ULC-S134 | Meets conditions of acceptance | STAC/MCMWP 25-01 |
| NFPA 285 | Meets conditions of acceptance | STAC/MCMWP 30-01 |
| NFPA 285 | Meets conditions of acceptance | ECB/MCMWP 30-01 |

Reference the Design Listing for details.

**Party(s) Authorized by Manufacturer To Apply Mark:**

ECO BIERZO COMPOSITE SL (Poligono industrial La Rozada, Parcela,2, calle Isaac Prado Bodelón, Parandones, León)
Poligono industrial La Rozada, Parcela,2, calle Isaac Prado Bodelón
Parandones, León 24516
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**Party(s) Authorized by Other Parties To Apply Mark:**

None

# DRAWING INDEX

ECB/MCMWP 30-01
STAC/MCMWP 25-01
STAC/MCMWP 30-01

# ECB/MCMWP 30-01

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# STAC/MCMWP 25-01

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Division 7 – Thermal and Moisture Protection
07 42 00 Wall Panels
07 42 13.23 Metal Composite Material Wall Panels

**SISTEMAS TÉCNICOS DEL ACCESORIO Y COMPONENTES, S.A.**
**Design No. STAC/MCMWP 25-01**
**EXTERIOR WALL SYSTEMS**
**STACBOND® FR**
**CAN/ULC-S134 - Pass**

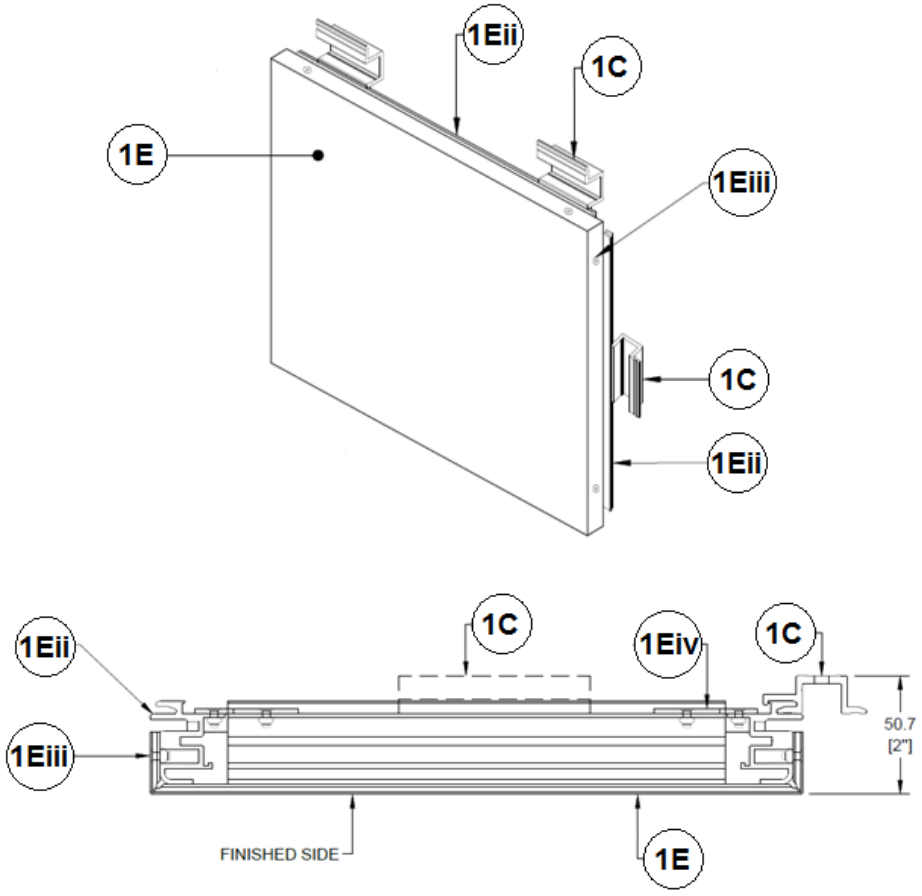


**Figure 1. General Assembly**

Date Issued: October 28, 2019 Page 1 of 3 Project No. G103816489

Version: 02 August 2017 SFT-BC-OP-19i

# STAC/MCMWP 25-01 (2 OF 3)



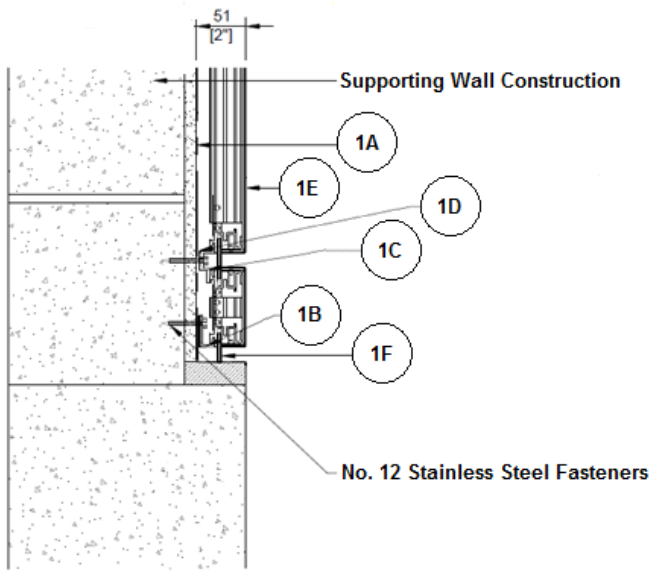


**Figure 2. Starter Detail**

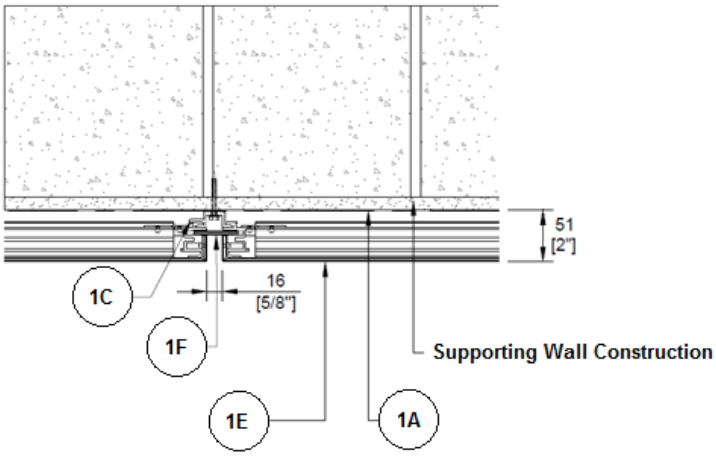


**Figure3. Joint Detail**

# STAC/MCMWP 25-01 (3 OF 3)

Division 7 – Thermal and Moisture Protection
07 42 00 Wall Panels
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1. **EXTERIOR WALL SYSTEM:** Reference Figures 1 through 3. The system described herein represents the construction as tested or evaluated to the standardized test conditions of the referenced standard. Install FC100 System by Panneaux 3D onto the supporting wall construction in accordance with the manufacturer's installation instructions and in accordance with the following requirements:

   **A. WATER RESISTIVE BARRIER (WRB):** Install Vapro Shield® WrapShield® IT onto the supporting wall construction in accordance with the WRB manufacturer's instructions.

   **B. J-Starter:** Install Panneaux 3D FC100 J-Starter aluminum extrusion using minimum No. 12 stainless steel screws of the appropriate type and length for the supporting wall construction.

   **C. MOVEABLE ALUMINUM CLIPS:** Install Panneaux 3D FC100 moveable aluminum clips (half and full clips) using minimum No. 12 stainless steel screws of the appropriate type and length for the supporting wall construction.

   **D. PVC TAPE:** Use PVC tape to be supplied by installer, under J-Starter (Item 1B) and under Moveable Aluminum Clips (Item 1C).

   **E. EXTERIOR WALL PANELS:** Install Panneaux 3D FC100 exterior wall panels fabricated using a route and return method with the components listed below:

      **i. CERTIFIED MANUFACTURER:** Sistemas Técnicos del Accesorio y Componentes, S.A.

      **CERTIFIED PRODUCT:** Aluminum Composite Panel

      **CERTIFIED MODEL:** STACBOND® FR, 4 mm thick

      **ii. PANEL FRAMING:** Panneaux 3D FC100 panel framing aluminum extrusion.

      **iii. RIVETS:** Aluminum

      **iv. CORNER STIFFENER:** Aluminum

   **F. JOINT FILLER PANELS:** Use Panneaux 3D FC100 Joint Filler Panels fabricated with component listed below:

      **i. CERTIFIED MANUFACTURER:** Sistemas Técnicos del Accesorio y Componentes, S.A.

      **CERTIFIED PRODUCT:** Aluminum Composite Panel

      **CERTIFIED MODEL:** STACBOND® FR, 4 mm thick

# STAC/MCMWP 30-01

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Division 7 – Thermal and Moisture Protection
07 42 00 Wall Panels
07 42 13.23 Metal Composite Material Wall Panels

**SISTEMAS TÉCNICOS DEL ACCESORIO Y COMPONENTES, S.A.**
**Design No. STAC/MCMWP 30-01**
**EXTERIOR WALL SYSTEMS**
**STACBOND® FR**
**NFPA 285 - Pass**

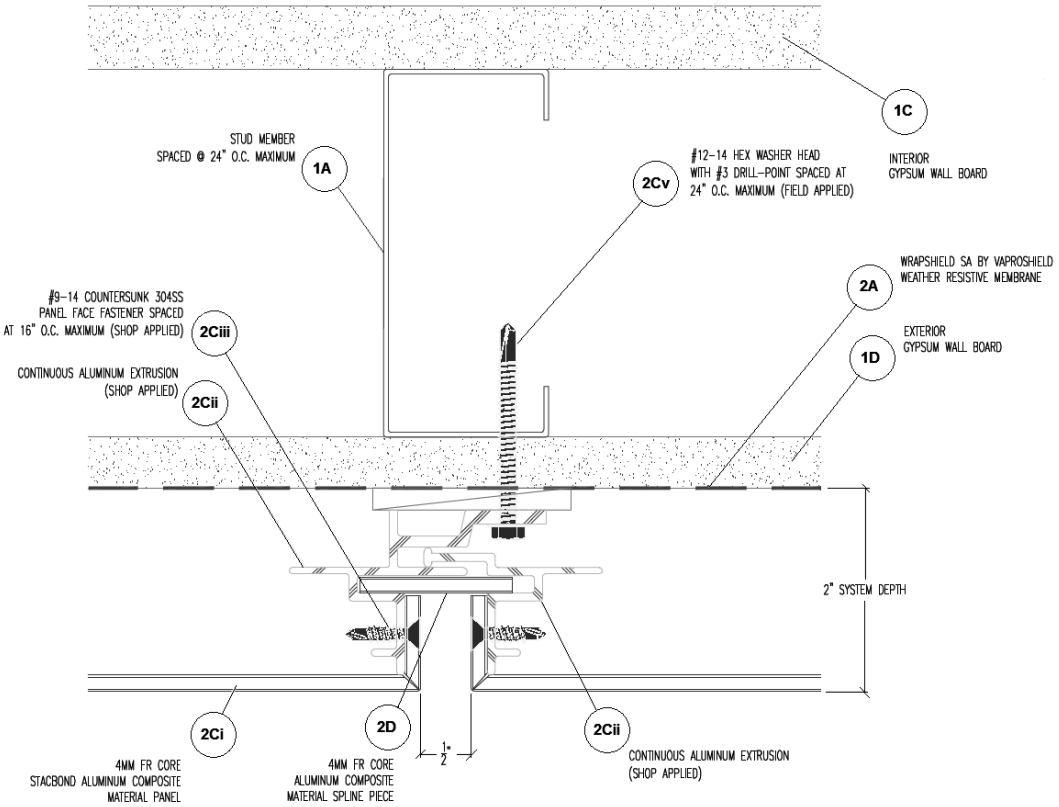


**Figure 1. General Assembly**

# STAC/MCMWP 30-01 (2 OF 5)

Division 7 – Thermal and Moisture Protection
07 42 00 Wall Panels
07 42 13.23 Metal Composite Material Wall Panels

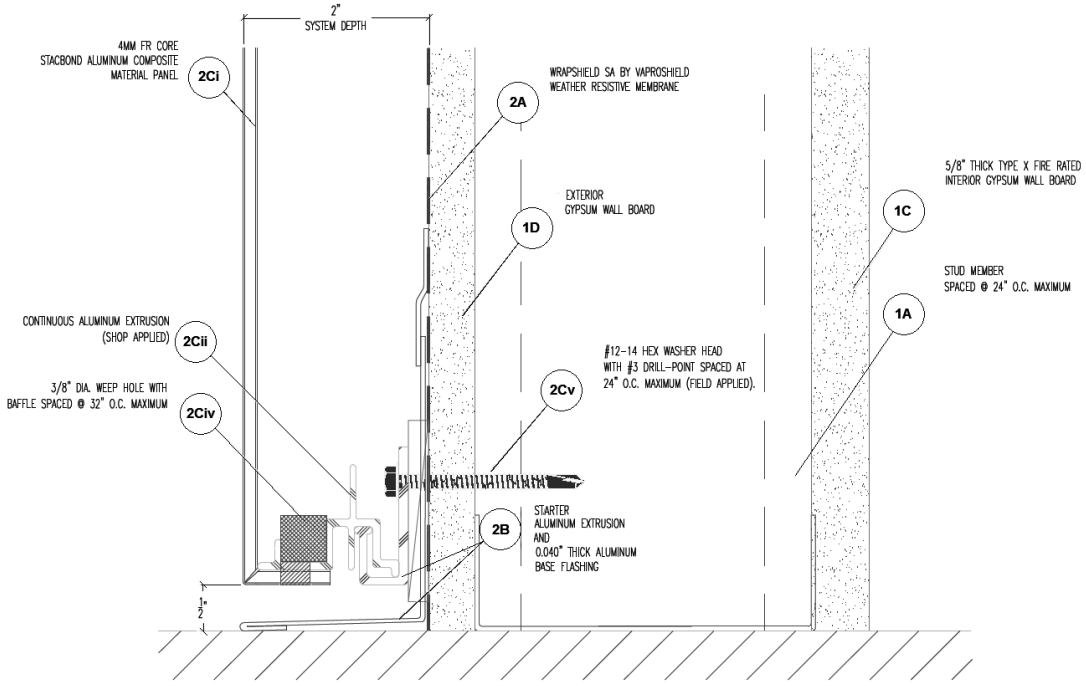


**Figure 2. Starter Detail**

# STAC/MCMWP 30-01 (3 OF 5)

Division 7 – Thermal and Moisture Protection
07 42 00 Wall Panels
07 42 13.23 Metal Composite Material Wall Panels

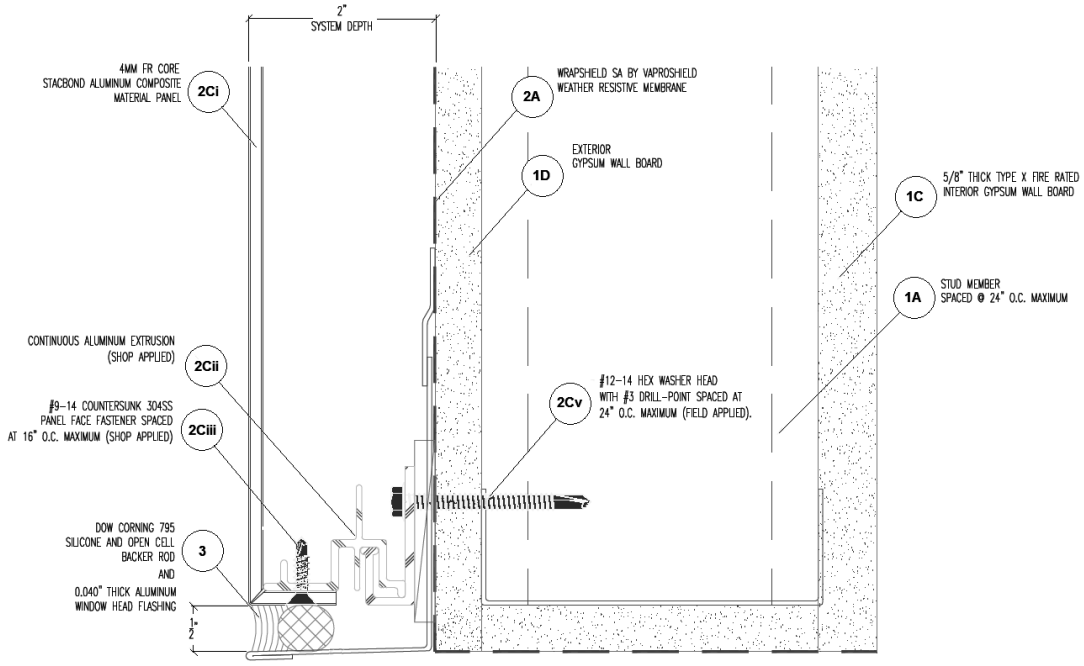


**Figure3. Joint Detail**

1. **EXTERIOR BASE WALL ASSEMBLY:** Incorporate construction features of the exterior base wall assembly as described below:

**A. FRAMING:** Use minimum 3-5/8 in. deep, minimum 20 GA galvanized steel studs spaced maximum 24 in. on center (oc) fastened to minimum 3-5/8 in. deep, minimum 20 GA galvanized steel track. Attach the vertical framing to the track with one #6 x 1/2 in. long self-drilling, pan head fastener per stud flange.

**B. FLOOR LINE SAFING (NOT SHOWN):** Install minimum 4 pcf nominal density Intertek-Certified mineral wool safing, minimum 8 in. deep at the floor line.

**C. INTERIOR GYPSUM:** Install one layer one layer of 5/8-in. thick, TYPE X gypsum board. Fasten the gypsum board to the steel wall framing (Item 1A) with #6 x 1-1/4 in. long, bugle head, self-drilling screws with a nominal spacing of 8 in. around the board perimeter and 12 in. in the field. Apply level two finish of vinyl or casein compound, in two coats over fastener heads and joints. Embed nominal 2 in. wide paper, plastic, or fiberglass tape in first layer of compound over the joints.

# STAC/MCMWP 30-01 (4 OF 5)



**D. EXTERIOR SHEATHING:** Install minimum 5/8 in. thick TYPE X exterior gypsum attached to the steel wall framing (Item 1A) with #6 x 1-1/4 in. long, bugle head, self-drilling screws with a nominal spacing of 8 in. around the board perimeter and 12 in. in the field.

**2. EXTERIOR CLADDING SYSTEM:** Reference Figures 1 through 3. Install 1500 rain screen cladding system by Miller Clapperton onto the exterior base wall assembly (Item 1) in accordance with the manufacturer's installation instructions and in accordance with the following requirements:

**A. WATER RESISTIVE BARRIER (WRB):** Install VaproShield® WrapShield® SA onto the supporting wall construction in accordance with the WRB manufacturer's instructions. Use 4 in. wide Black UV VaproShield® VaproTape™ to secure the WRB to the entire perimeter of the framed window opening.

**B. J-STARTER:** Install Miller Clapperton 1500 J-Starter aluminum extrusion at the base and window header using #12-14 hex washer head screws with #3 drill-point (Item 2Cv) spaced maximum 24 in. oc. Install minimum 0.040 in. thick aluminum flashing at base and at window header under the starter aluminum extrusion.

**C. EXTERIOR WALL PANELS:** Install Miller Clapperton 1500 rain screen exterior wall panels fabricated using a route and return method with the components listed below.

**i. CERTIFIED MANUFACTURER:** Sistemas Técnicos del Accesorio y Componentes, S.A.

**CERTIFIED PRODUCT:** Aluminum Composite Panel

**CERTIFIED MODEL:** STACBOND® FR, 4 mm thick

**ii. PANEL FRAMING:** Miller Clapperton 1500 rain screen panel framing aluminum extrusion.

**iii. PANEL SCREWS:** #9-14 countersunk stainless steel screws spaced maximum 16 in. oc used to fasten aluminum composite panls to panel framing (Item 2Cii).

**iv. WEEP HOLE BAFFLES:** spaced maximum 32 in. oc. along bottom of panels.

**v. WALL FASTENERS:** Fasten the Exterior Wall Panels to the Exterior Base Wall Assembly (Item 1) using #12-14 hex washer head screws with #3 drill-point spaced maximum 24 in. oc. Fastening locations shall correspond with the Exterior Base Wall Assembly Framing (Item 1A) locations.

**D. SPLINE PANELS:** Use Miller Clapperton 1500 rain screen spline panels at maximum 1/2 in. wide panel joints, these are fabricated from the component listed below:

**i. CERTIFIED MANUFACTURER:** Sistemas Técnicos del Accesorio y Componentes, S.A.

**CERTIFIED PRODUCT:** Aluminum Composite Panel

**CERTIFIED MODEL:** STACBOND® FR, 4 mm thick

# STAC/MCMWP 30-01 (5 OF 5)



3. **WINDOW HEADER:** Frame the window opening with 20 GA galvanized steel track (Item 1A). Use minimum 0.040-in. thick aluminum flashing along the header as shown in Figure 3. Use open cell backer rod material and DOW Corning 795 silicone sealant over the backer rods to fill the 1/2 in. joint between the exterior wall panel (Item 2C) and the aluminum flashing.