

**Interdisciplinary Science Building
Webster University
Cannon Design Project No. 004561.01**

Project: Webster ISB Substitution Request Number: _____
From: _____
To: Melissa Pirtle stl-
cac@cannondesign.com Date: _____
Re: _____ Contract For: _____

Specification Title: Fibre-cement siding Description: Swiss Pearl
Section: 074646 Page: 2 Article/Paragraph: 2-2-products

Proposed Substitution: 8mm Equitone Standard (natura) (dark base) panel
Trade Name: Equitone Panel Systems
Model No.: Universe 7000 panel system
Manufacturer: Universe Cladding solutions
Address: 3333 Foerster Rd, Bridgeton, MO 63044

Phone: (314) 439-2800 Manufacturer Web Page: universecorp.com/

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

Savings to Owner for
accepting substitution: _____ (\$ _____)

Proposed substitution
changes Contract Time: ☒ No ☐ Yes [Add] [Deduct] _____ days.

The Undersigned Bidding General Contractor/Construction Manager Certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified products.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

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- The following supporting data is attached to this request and verifies the above statements:

☐ Drawings

☐ Product Data

☐ Samples

☐ Tests

☐ Reports

☒ Other (explain) Quote from universe cladding systems

Submitted by: Chris Bradley

Signed by: (typed is fine) Chris Bradley

Contractor: Kuenz sheet metal

Address: 811 Westwood Industrial Park Drive

St. Charles, mo. 63304-4579

Phone: 636-936-1555 Email : chris@kuenzsheetmetal.com

Review and Action

☐ Substitution approved – Make submittals in accordance with the Specifications.

☐ Substitution approved as noted – Make submittals in accordance with the Specifications.

☐ Substitution rejected – Use specified materials.

☐ Substitution received too late – Use specified materials.

☒ **Provide color sample that match the color per specifications.**

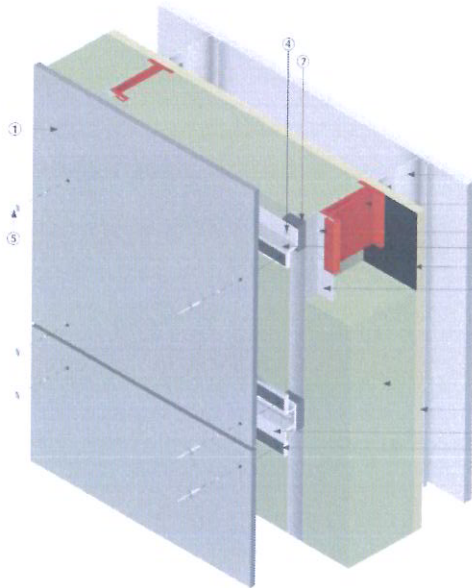
Comments: The provided color samples are not acceptable. Please provide a color sample that matches the color specified. The intent is to match the color of metal panel & curtain wall mullions.

Signed by: Kelvin Patel Date: 05/16/2016

Project 2015-10-0761: Webster University Interdisciplinary Science Building- Webster Groves, MO

Specification section #074646- Fiber Cement Siding has been reviewed.
Architectural drawings are dated January 15, 2016.
Addenda were not provided.

UNIVERSE® 7000 Cascadia Clip Thermal Spacer Insulation System
(Exposed Fastener with EQUITONE using Mineral Wool Insulation)



System Depth = 1" + Cascadia Clip Thermal Spacer + Vertical Zee-Girt (3" to 7" thick as indicated on drawings)
Joint Width = 3/8"

System Components:

1. EQUITONE® Panel (Included)
2. Aluminum Z-Extrusion – Black Color (Included)
3. Aluminum Hat Extrusion – Black Color (Included)
4. Extrusion Fastener (Included)
5. Panel Rivet – Color Matched (Included)
6. Foam Tape (Included; Shop Attached)
7. 1/4" Thermal Isolator (Included)
8. Cascadia Clip Fiberglass Thermal Spacer (Not Included)
9. Cascadia Clip Vertical Galvanized 16-Gage Zee-Girt - custom thickness (Not Included)
10. Cascadia Clip Fastener - attaches through the zee and clip to the substrate (Not Included)
11. Mineral Wool Insulation (Not Included)
12. Air & Moisture Barrier (Not Included)
13. Sheathing (Not Included)
14. 16 Gauge Min. Steel Stud (Not Included)

Notes:

- Horizontally attached across framing.
- If foam plastic insulation is used, then the NFPA-285 fire code is triggered at grade plane. EQUITONE is a non-combustible material therefore the foam plastic manufacturer's NFPA-285 testing must be used. Refer to manufacturer's website as varying cavity depth and insulation thickness may not be NFPA-285 compliant.
- The vertical zee-girt (9) is galvanized.

*Throughout the remainder of this quotation, the UNIVERSE® 7000 Cascadia Clip Thermal Spacer Insulation System (Exposed Fastener with EQUITONE using Mineral Wool Insulation) will be referred to as the UNIVERSE® 7000 system.

Base Scope of Work:

Material is an 8mm EQUITONE (1) Standard [natura] (dark base) panel, consisting of 112 panels totaling 1,190 face square feet. The joints are "open". Corner closures are included. Color matched panel rivets are included. Mitered corners are not included.

The UNIVERSE 7000 panel system will include approximately 890 linear feet of extrusions shipped loose for field cutting and installation.

Additional sub-framing behind the panel system is detailed but not included.

Our standard coated self-drilling fasteners for attachment to steel studs or Tapcon fasteners for attachment to masonry are included at 16" on center. Other fasteners or specialty fasteners required for attachment to/through existing conditions are not included and are the responsibility of the customer unless specifically described.

An air and moisture barrier is required and it is recommended the color be black if joint closures are not used. The air barrier is not included.

Freight is not included. Material is to be picked up at the UNIVERSE® Corporation Bridgeton, MO facility.

Tax is not included.

Shop drawings without calculations are included. Pricing is based on a 90 mph wind load design.

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Mock-ups are not included.

Field measurement using laser scanning is offered as an Add Option. One (1) site visit would be included with the Add Option. We would require photographs for verification that the areas are ready for measurement prior to scheduling a visit. In addition, the customer would be required to be present on-site and supply one person plus lift equipment to assist as necessary at no charge to Universe. If customer is to provide field measurements, then complete and comprehensive dimensions are required before Universe can proceed.

Project Specific Scope:

1. Our highlighted take-off drawings are part of this quotation and will be sent via a Hightail link.
2. Highlight wall panels called out as "Wall type WA-L2 ".

Project Qualifications:

1. Cascadia Clip framing system is not included.
2. Standard system joint width is 3/8". (See WA-L2/A0400)
3. Outboard insulation is required to be flush with the face of the vertical sub-framing z-girt. (See WA-L2/A0400)

Specification Qualifications and Exceptions:

1. Exclude 1.3: A representative is not included for pre-installation meetings.
2. Exclude 1.4B2: Trim samples are not included.
3. Exclude 1.7A: A mock-up is not included as a panel layout for the mock-up was not provided.
4. Qualify 1.9: Pricing is based on the sheet manufacturer's standard 15 year limited warranty. Universe Corporation will warrant that the attachment system it provides will be free from defects in materials and workmanship for a period of (3) three years.
5. Qualify 2.2A1: This quotation is based on EQUITONE Fibre Cement. Any material provided by Swiss Pearl is not included.
6. Qualify 2.3A and D: UNIVERSE® standard accessories and fasteners are included.
7. Exclude 2.3B: Decorative accessories are not included.
8. Exclude 2.3C: Sheet metal coping, flashing and trim are not included.
9. Part 3 Execution is excluded in its entirety as the material included in this quotation will be installed by others.