



SIP No. 2073

Subject: Fiber Cement Siding from Allura

Date: February 2010 (Revised January 2015)

Allura, a leader in the manufacture of fiber cement siding, has examined the use of their Fiber Cement Siding with R-Control SIPs and have authored the attached Allura Product Compliance Memo. Allura has served notice that their products applied directly over R-Control SIPs are acceptable following their recommended attachment patterns.

Allura's siding is recommended as a premium fiber cement siding product compatible with R-Control SIPs.

Information on the attachment requirement for Allura's fiber cement siding is attached to this bulletin. For further information on Allura's siding products, please visit www.allurausa.com



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PRODUCT COMPLIANCE MEMO

Installation of Allura Fiber Cement Siding on Structural Insulated Panels (SIPs)

Based on testing in accordance with ASTM E330 (wind load) and ASTM D1037 (fastener withdrawal and pull through), below are siding attachment methods along with their allowable windload capacities¹ for Allura Fiber Cement Siding over Structural Insulated Panels (SIPs)².

Structural Insulated Panels (SIP) are a manufactured wall system, and as such, installation of the SIP's and application of siding should be in accordance with the specific SIP manufacturer's instructions.

Lap Siding (up to 8-1/4")

1-3/4" Roofing nails, Double HD Galvanized with 3/8" dia. head.
Blind nailed 8" o.c.
Allowable wind pressure: 40.44 psf, 125 mph in 'B' Exposures up to 30 ft.

1-3/4" Roofing nails, Double HD Galvanized with 3/8" dia. head.
Blind nailed 12" o.c.
Allowable wind pressure: 27.0 psf, 105 mph in 'B' Exposures up to 30 ft.

Lap Siding (9-1/4")

1-3/4" Roofing nails, Double HD Galvanized with 3/8" dia. head.
Blind nailed 8" o.c.
Allowable wind pressure: 32.22 psf, 110 mph in 'B' Exposures up to 30 ft.

6d 2" Siding nails, Double HD Galvanized
Face nailed 12" o.c.
Allowable wind pressure: 24.4 psf, 100 mph in 'B' Exposures up to 30ft.

Vertical Siding

6d 2" Siding nails, Double HD Galvanized
6" o.c. edges, 12" o.c. ea. way field.
Allowable wind pressure: 18.67 psf, 85 mph in 'B' Exposures up to 30ft.

Refer to the Allura Installation Instructions for additional installation requirements. All state and local building code requirements must be followed, and where found more stringent than Allura installation instructions or this memo, state and local code requirements will take precedence.

For questions and or additional information, please contact your local sales representative or Allura Sales Support Group at (844) 4 ALLURA.

(signature)

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1. Allowable Wind Load Capacities based on 2009 IBC / IRC, Wall Zone 5, Effective Wind Area 10, Importance factor 1.0.

2. Minimum 7/16" APA Rated OSB skin. The SIP system must be capable of supporting the imposed loads from the siding, including dead load and windloads.