Allura Fiber Cement Siding and Trim

Fiber Cement Siding

General Description: Allura Fiber Cement siding is available in different products providing both traditional and contemporary aesthetics. It is suitable for residential and light commercial applications. These products offer a high degree of dimensional stability and impact resistance.

Shapes	Lap	Vertical	Trim
Perfection Shingles	Smooth Lap	Stucco	Cedar
Random Square Straight Edge	Cedar Lap	Smooth	
Random Square Staggered Edge		Cedar/no groove	
Half-Rounds		Cedar/8" grooved	
Octagons			

Finishes: Allura's exclusive Sealing System ready for field top coating with high quality, acrylic latex paint or stains. Factory prefinishing available with paint or stain. Allura Fiber Cement Siding must be allowed to breathe; therefore, it must never be primed, painted or stained on the back side.

Surface Patterns: Smooth, Traditional Cedar and Rustic Cedar grains, cedar-textured grain, stucco texture, vertical grain.

Sizes:

Shapes
8-1/4" x 12' (209mm x 3657mm)
12" x 48" (305mm x 1219mm)
16" x 48" (406mm x 1219mm)

Lap Siding
5-1/4" (133mm)
6-1/4" (159mm)
7-1/4" (185mm)
7-1/2" (191mm)
8-1/4" (209mm)
9-1/4" 235mm)
12" (305mm) x 12' (3657mm) length

Vertical
4' x 8' (1219mm x 2438mm)
4' x 9' (1219mm x 2743mm)
4' x 10' (1219mm x 3048mm),
4' x 12' (1219 mm x 3657mm)

Trim
3-1/2" (89mm)
5-1/2" (140mm)
7-1/4" (185mm)
9-1/4" (235mm),
11-1/4" (286mm) x 12' (3657mm) length

(4/4" thick – 11mm)
2" (59mm)
3" (76mm)
4" (102mm)
6" (153mm)
8" (203mm)
10" (254mm)
12" (305mm) x 12' (3657mm) length

(5/4" thick – 11mm)
3" (76mm)
4" (102mm)
5" (127mm)
6" (153mm)
8" (203mm)
10" (254mm)
12" (305mm x 12' (3657mm) length

Thickness: 5/16" (8mm) on shapes, lap and vertical siding.

Composition: The products are manufactured using a multi-step high-pressure process combining Portland cement, wood fiber and specialty additives. Wood grains and other architectural features are pressed into the surface.

Technical Data: Allura Fiber Cement soffit was tested in accordance with the American Society for Testing & Materials

ASTM C1186-02	Standard Specification for Flat Non-Asbestos Fiber Cement Sheets
ASTM C1185-96	Sampling and Testing Non-Asbestos Fiber-Cement Flat Sheet, Roofing and Siding Shingles, and Clapboards
ASTM E72-95	Conducting Strength Tests of Panels for Building Construction
ASTM E84	Surface Burning Characteristics of Building Materials
ASTM E119-95a Fire	Tests of Building Construction and Materials
ASTM E136	Non-Combustible
ASTM E330-96	Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference
ASTM G26-95	Operating Light-Exposure Apparatus (Xenon-Arc Type) With and Without Water for Exposure of Nonmetallic Materials

(ASTM) standards of the following specifications:

Approvals: ICC ESR-1668
Texas Dept. of Insurance Product Evaluation EC-16

Weather and Other Considerations: Product offers resistance to freeze/thaw cycles and is highly dimensionally stable. It is resistant to damaging ultraviolet (UV) rays and salt spray. It is immune to wood-boring insects. Product can resist high wind forces when installed in accordance with Allura application instructions; see instructions for details.

Fire Resistance Characteristics: Allura Fiber Cement soffit products have a Class A (1) Flame Spread Rating - 0, Smoke developed - 5, per ASTM E84, and is considered Non-Combustible in accordance with ASTM E136.

Installation:

Preparatory Work – Allura Fiber Cement siding products are cut and installed like conventional wood siding. Handle and store product according to Allura recommendations. Fiber Cement siding may be applied over sheathed walls or directly to studs spaced up to 24" (610mm) o.c. where local codes permit. When applying direct to wood or metal studs, a continuous weather-resistive barrier, not a vapor retarder, must be applied. A vapor barrier, permeability of 1 perm (57.5 ng/(Pa·s·m2) or less, should be used in the wall when required and as described in the ASHRAE design manual. Consult a qualified mechanical engineer or other design professional.
Note: Allura Fiber Cement siding must be installed with the textured or smooth finished exterior surface facing out.

Methods – Complete installation recommendations are available from the manufacturer. Pneumatic nailing is recommended for attachment to wood framing. Use double hot-dipped galvanized or stainless steel nails. Do not use staples. For steel framing application use corrosion resistant bugle head screws. Vertical joints on Prefinished -Sealed lap siding should be moderately butted. Unfinished or unsealed joints must be gapped 1⁄8" maximum and caulked. Follow caulk manufacturer's application instructions. Use drip cap flashing above all openings.

Precautions – Avoid breathing dust created by drilling, cutting, or sawing. Use with adequate ventilation and a dust collection system; see MSDS for additional dust precautions. All Allura soffit is sealed with our primer/sealer. A finish coat should be applied within 6 months of installation.

Building Codes – Current data on building code requirements and product compliance may be obtained from Allura. Installation must comply with the requirements of all applicable local, state and national code jurisdictions.

Warranty: Allura Fiber Cement siding offers a 50-year limited transferable product warranty. Additionally, Allura offers for ColorMax prefinished products a 15-year limited coating warranty.

Allura warrants that if used for its intended purpose and properly installed and maintained according to ALLURA's published installation instructions: (a) will resist damage caused by hail or termite attacks, (b) will resist rot, (c) will remain non-combustible, and (d) will be free from manufacturing defects in material and workmanship. See warranties for details and limitations.

Technical Services: Allura maintains a technical services staff to assist building professionals with questions regarding Allura siding products. Call 1 (844) 4 ALLURA for samples and answers to technical or installation questions.

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