

**ISSUE:** Certificate of Appropriateness for after-the-fact alterations

**APPLICANT:** Historic Virginia Holdings

**LOCATION:** Parker-Gray District  
1012 Queen Street (Parcel ID: 064.03-05-50) and 1014 Queen Street.

**ZONE:** CL/Commercial Low Zone

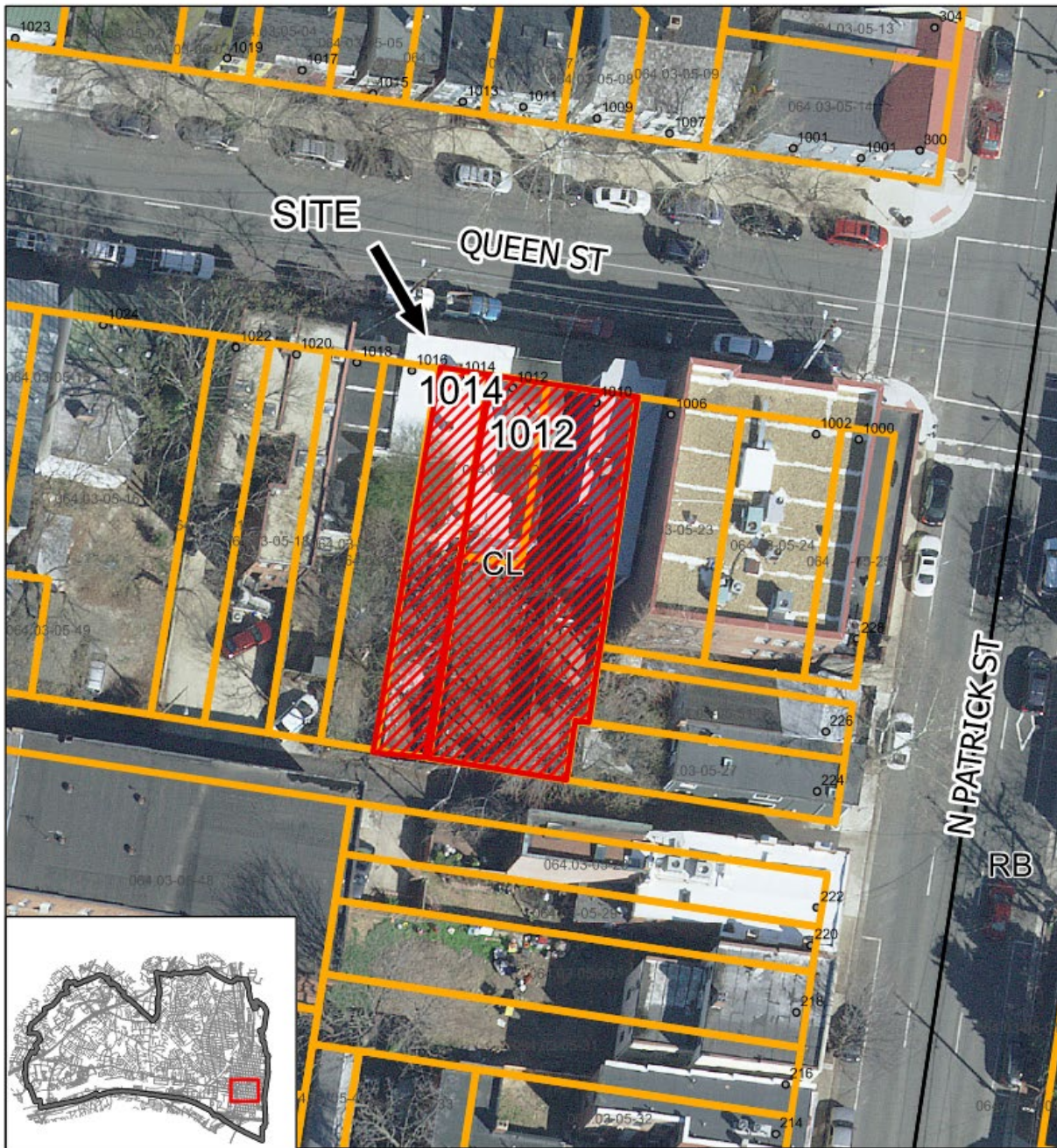
---

**STAFF RECOMMENDATION**

Staff recommends approval of the Certificate of Appropriateness for after-the-fact work with the condition that the synthetic siding to be added to the side, east elevation of the 1012 Queen Street building have a smooth finish.

**GENERAL NOTES TO THE APPLICANT**

1. **APPEAL OF DECISION:** In accordance with the Zoning Ordinance, if the Board of Architectural Review denies or approves an application in whole or in part, the applicant or opponent may appeal the Board's decision to City Council on or before 14 days after the decision of the Board.
2. **COMPLIANCE WITH BAR POLICIES:** All materials must comply with the BAR's adopted policies unless otherwise specifically approved.
3. **BUILDING PERMITS:** Most projects approved by the Board of Architectural Review require the issuance of one or more construction permits by Department of Code Administration (including signs). The applicant is responsible for obtaining all necessary construction permits after receiving Board of Architectural Review approval. Contact Code Administration, Room 4200, City Hall, 703-746-4200 for further information.
4. **ISSUANCE OF CERTIFICATES OF APPROPRIATENESS AND PERMITS TO DEMOLISH:** Applicants must obtain a copy of the Certificate of Appropriateness or Permit to Demolish PRIOR to applying for a building permit. Contact BAR Staff, Room 2100, City Hall, 703-746-3833, or [preservation@alexandriava.gov](mailto:preservation@alexandriava.gov) for further information.
5. **EXPIRATION OF APPROVALS NOTE:** In accordance with Sections 10-106(B), 10-206(B) and 10-307 of the Zoning Ordinance, any Board of Architectural Review approval will expire 12 months from the date of issuance if the work is not commenced and diligently and substantially pursued by the end of that 12-month period.
6. **HISTORIC PROPERTY TAX CREDITS:** Applicants performing extensive, certified rehabilitations of historic properties may separately be eligible for state and/or federal tax credits. Consult with the Virginia Department of Historic Resources (VDHR) prior to initiating any work to determine whether the proposed project may qualify for such credits.



**BAR #2021-00593**  
**1012 Queen Street (Parcel ID: 064.03-05-50)**  
**and 1014 Queen Street**

0 15 30 60 Feet





## I. APPLICANT'S PROPOSAL

The applicant is requesting approval for the after-the-fact installation of HardiePlank siding with wood grain finish on the rear, south elevation of the buildings at 1012 and 1014 Queen Street.

### Site context

The buildings at 1010, 1012, and 1014 Queen Street sit on the same parcel and are owned by Historic Virginia Holdings LLC (Figure 1). The buildings are located in the middle of the south side of the 1000 Block of Queen Street in the Parker-Gray District. A public alley runs behind the buildings.



Figure 1- street view of the 3 buildings within the same parcel

## II. HISTORY

The buildings at 1012 and 1014 Queen Street first appear in the Sanborn Fire Insurance Map of 1891.

1012 Queen Street is a two bay, two-story, frame vernacular semi-detached townhouse with side gable roof and 1014 Queen Street is also a two bay, two-story, frame vernacular townhouse which has Victorian features such as low slope roof with brackets.

### *Previous BAR Approvals*

No previous BAR approvals found in the system.

### **III. ANALYSIS**

On August 8, 2021, the property owner submitted an incomplete BAR application to replace the siding on the side and rear of the property at 1012 Queen Street (BAR2021-00438). Since the application was missing information, staff sent an email asking for the required documents which included specs of the proposed siding and pictures of the existing. Staff also informed the applicant, Mr. Gordon, that a site visit to inspect the existing siding condition was required in order to approve the application. The Parker-Gray Residential Reference Guide and the BAR Policies for Administrative Approval were sent to the applicant at that time as well (8/10/2121).

On August 27, 2021, staff received a 311 complaint about work being done without BAR approval.

On September 17, staff met with Mr. Gordon at the location to inspect the siding condition and found that they had already replaced the siding on the rear, south elevation, of the 1012 and 1014 buildings with HardiePlank with wood grain finish (Figure 2 and 3), which, according to the BAR policy, cannot be approved administratively.



**Figure 2 – Backyard view, 1014 Queen Street**



**Figure 3 – Backyard view, 1012 Queen Street**

**Note that photos were taken from the backyards, not the public alley behind the houses.**

Mr. Gordon explained to staff at the location that they were replacing the siding on the rear of the 1012 and 1014 buildings and the side siding of 1012 with HardiePlank, which is allowed in Parker-Gray early buildings, and repairing the existing wood siding on the front, north elevation of the 1012 Queen building. However, the BAR policy for administrative approval requires that synthetic



siding have a “smooth finish” and the installed siding on the rear elevations of 1012 and 1014 Queen Street has wood grain finish. As the Siding Process for Administrative Approval requires, the applicant must remove a test patch for staff to evaluate whether historic siding exists; the test patch on the side/east elevation of 1012 Queen shows that there is no historic siding underneath (Figure 4).



Figure 4 - 1012 Queen east/side elevation test patch

Staff does not have objection to the wood grain finish siding on the rear elevations of 1012 and 1014 Queen Street since the buildings are recessed approximately 50 feet from the public alley and the wood grain finish cannot be perceived by the alley passerby; however, staff recommends that the siding on the side, east elevation, of 1012 Queen Street be HardiePlank with smooth finish.

With the condition above, staff recommends approval of the after-the-fact project.

**STAFF**

Marina Novaes, Historic Preservation Planner, Planning & Zoning

Tony LaColla, AICP, Land Use Services Division Chief, Planning & Zoning

#### IV. CITY DEPARTMENT COMMENTS

Legend: C- code requirement R- recommendation S- suggestion F- finding

##### Zoning

F-1 The new rear siding complies with zoning.

##### Code Administration

C-1 A building permit and plan review are required prior to the start of construction.

##### Transportation and Environmental Services

R-1 The building permit must be approved and issued prior to the issuance of any permit for demolition, if a separate demolition permit is required. (T&ES)

R-2 Applicant shall be responsible for repairs to the adjacent city right-of-way if damaged during construction activity. (T&ES)

R-3 No permanent structure may be constructed over any existing private and/or public utility easements. It is the responsibility of the applicant to identify any and all existing easements on the plan. (T&ES)

F-1 After review of the information provided, an approved grading plan is not required at this time. Please note that if any changes are made to the plan it is suggested that T&ES be included in the review. (T&ES)

F-2 If the alley located at the rear of the parcel is to be used at any point of the construction process the following will be required:

For a Public Alley - The applicant shall contact T&ES, Construction Permitting & Inspections at (703) 746-4035 to discuss any permits and accommodation requirements that will be required.

For a Private Alley - The applicant must provide proof, in the form of an affidavit at a minimum, from owner of the alley granting permission of use. (T&ES)

C-1 The applicant shall comply with the City of Alexandria's Solid Waste Control, Title 5, Chapter 1, which sets forth the requirements for the recycling of materials (Sec. 5-1-99). (T&ES)

C-2 The applicant shall comply with the City of Alexandria's Noise Control Code, Title 11, Chapter 5, which sets the maximum permissible noise level as measured at the property line. (T&ES)

C-3 Roof, surface and sub-surface drains be connected to the public storm sewer system, if available, by continuous underground pipe. Where storm sewer is not available applicant must provide a design to mitigate impact of stormwater drainage onto adjacent properties and to the satisfaction of the Director of Transportation & Environmental Services. (Sec.5-6-224) (T&ES)



- C-4 All secondary utilities serving this site shall be placed underground. (Sec. 5-3-3) (T&ES)
- C-5 Any work within the right-of-way requires a separate permit from T&ES. (Sec. 5-2) (T&ES)
- C-6 All improvements to the city right-of-way such as curbing, sidewalk, driveway aprons, etc. must be city standard design. (Sec. 5-2-1) (T&ES)

**Alexandria Archaeology**

- F-1 No archaeological oversight will be necessary for this undertaking.

**V. ATTACHMENTS**

- 1 – Application Materials*
- 2 – Supplemental Materials*

BAR Case # \_\_\_\_\_

ADDRESS OF PROJECT: 1012 & 1014 Queen St., Alexandria, VA 22314

DISTRICT: ☐ Old & Historic Alexandria ☒ Parker - Gray ☐ 100 Year Old Building

TAX MAP AND PARCEL: Map 064.03 Block 05 Lot 50 (1012) ZONING: Commercial  
Map 064.03 Block 05 Lot 21 (1014)

APPLICATION FOR: (Please check all that apply)

☒ CERTIFICATE OF APPROPRIATENESS

☐ PERMIT TO MOVE, REMOVE, ENCAPSULATE OR DEMOLISH  
(Required if more than 25 square feet of a structure is to be demolished/impacted)

☐ WAIVER OF VISION CLEARANCE REQUIREMENT and/or YARD REQUIREMENTS IN A VISION  
CLEARANCE AREA (Section 7 802, Alexandria 1992 Zoning Ordinance)

☐ WAIVER OF ROOFTOP HVAC SCREENING REQUIREMENT  
(Section 6 403(B)(3), Alexandria 1992 Zoning Ordinance)

Applicant: ☒ Property Owner ☐ Business (Please provide business name & contact person)

Name: L. Leonard Hacker

Address: 319 9th St, SE

City: Washington State: DC Zip: 20003

Phone: 202 543 2505 E-mail: lhacker@verizon.net

Authorized Agent (if applicable): ☐ Attorney ☐ Architect

☒ Registered Agent

Name: Alan B. Gordon

Phone: 203 910 2404

E-mail: abgordon5@yahoo.com

Legal Property Owner:

Name: Historic VA Holdings

Address: 319 9th St, SE

City: Washington State: DC Zip: 20003

Phone: 202 543 2505 E-mail: abgordon5@yahoo.com

- ☐ Yes ☒ No Is there an historic preservation easement on this property?  
☐ Yes ☐ No If yes, has the easement holder agreed to the proposed alterations?  
☐ Yes ☒ No Is there a homeowner's association for this property?  
☐ Yes ☐ No If yes, has the homeowner's association approved the proposed alterations?

If you answered yes to any of the above, please attach a copy of the letter approving the project.



**NATURE OF PROPOSED WORK:** *Please check all that apply*

- ☐ NEW CONSTRUCTION
- ☐ EXTERIOR ALTERATION: *Please check all that apply.*
- |                                      |   |   |                                   |
|--------------------------------------|---|---|-----------------------------------|
| <input type="checkbox"/> awning      | <input type="checkbox"/> fence, gate or garden wall | <input type="checkbox"/> HVAC equipment             | <input type="checkbox"/> shutters |
| <input type="checkbox"/> doors       | <input type="checkbox"/> windows                    | <input checked="" type="checkbox"/> siding          | <input type="checkbox"/> shed     |
| <input type="checkbox"/> lighting    | <input type="checkbox"/> pergola/trellis            | <input type="checkbox"/> painting unpainted masonry |                                   |
| <input type="checkbox"/> other _____ |   |   |                                   |
- ☐ ADDITION
- ☐ DEMOLITION/ENCAPSULATION
- ☐ SIGNAGE

**DESCRIPTION OF PROPOSED WORK:** *Please describe the proposed work in detail (Additional pages may be attached).*

Request retroactive approval for Hardie Plank fiber cement siding with wood grain installed at the rear elevation of the houses (i.e., 1012 and 1014 Queen St.) that cannot be seen from the street.

**SUBMITTAL REQUIREMENTS:**

Items listed below comprise the **minimum supporting materials** for BAR applications. Staff may request additional information during application review. Please refer to the relevant section of the *Design Guidelines* for further information on appropriate treatments.

Applicants must use the checklist below to ensure the application is complete. Include all information and material that are necessary to thoroughly describe the project. Incomplete applications will delay the docketing of the application for review. Pre-application meetings are required for all proposed additions. All applicants are encouraged to meet with staff prior to submission of a completed application.

Electronic copies of submission materials should be submitted whenever possible.

**Demolition/Encapsulation :** *All applicants requesting 25 square feet or more of demolition/encapsulation must complete this section. Check N/A if an item in this section does not apply to your project.*

- N/A
- ☐ ☐ Survey plat showing the extent of the proposed demolition/encapsulation.
- ☐ ☐ Existing elevation drawings clearly showing all elements proposed for demolition/encapsulation.
- ☐ ☐ Clear and labeled photographs of all elevations of the building if the entire structure is proposed to be demolished.
- ☐ ☐ Description of the reason for demolition/encapsulation.
- ☐ ☐ Description of the alternatives to demolition/encapsulation and why such alternatives are not considered feasible.

**Additions & New Construction:** *Drawings must be to scale and should not exceed 11" x 17" unless approved by staff. All plans must be folded and collated into 3 complete 8 1/2" x 11" sets. Additional copies may be requested by staff for large-scale development projects or projects fronting Washington Street. Check N/A if an item in this section does not apply to your project.*

- ☐ ☒ N/A Scaled survey plat showing dimensions of lot and location of existing building and other structures on the lot, location of proposed structure or addition, dimensions of existing structure(s), proposed addition or new construction, and all exterior, ground and roof mounted equipment.
- ☐ ☐ FAR & Open Space calculation form.
- ☐ ☐ Clear and labeled photographs of the site, surrounding properties and existing structures, if applicable.
- ☐ ☐ Existing elevations must be scaled and include dimensions.
- ☐ ☐ Proposed elevations must be scaled and include dimensions. Include the relationship to adjacent structures in plan and elevations.
- ☐ ☐ Materials and colors to be used must be specified and delineated on the drawings. Actual samples may be provided or required.
- ☐ ☐ Manufacturer's specifications for materials to include, but not limited to: roofing, siding, windows, doors, lighting, fencing, HVAC equipment and walls.
- ☐ ☐ For development site plan projects, a model showing mass relationships to adjacent properties and structures.

**Signs & Awnings:** *One sign per building under one square foot does not require BAR approval unless illuminated. All other signs including window signs require BAR approval. Check N/A if an item in this section does not apply to your project.*

- ☐ ☒ N/A Linear feet of building: Front: \_\_\_\_\_ Secondary front (if corner lot): \_\_\_\_\_
- ☐ ☐ Square feet of existing signs to remain: \_\_\_\_\_
- ☐ ☐ Photograph of building showing existing conditions.
- ☐ ☐ Dimensioned drawings of proposed sign identifying materials, color, lettering style and text.
- ☐ ☐ Location of sign (show exact location on building including the height above sidewalk).
- ☐ ☐ Means of attachment (drawing or manufacturer's cut sheet of bracket if applicable).
- ☐ ☐ Description of lighting (if applicable). Include manufacturer's cut sheet for any new lighting fixtures and information detailing how it will be attached to the building's facade.

**Alterations:** *Check N/A if an item in this section does not apply to your project.*

- ☒ ☒ N/A Clear and labeled photographs of the site, especially the area being impacted by the alterations, all sides of the building and any pertinent details.
- ☒ ☐ Manufacturer's specifications for materials to include, but not limited to: roofing, siding, windows, doors, lighting, fencing, HVAC equipment and walls.
- ☐ ☒ Drawings accurately representing the changes to the proposed structure, including materials and overall dimensions. Drawings must be to scale.
- ☐ ☒ An official survey plat showing the proposed locations of HVAC units, fences, and sheds.
- ☐ ☒ Historic elevations or photographs should accompany any request to return a structure to an earlier appearance.



**ALL APPLICATIONS:** *Please read and check that you have read and understand the following items:*

- ☒ I have submitted a filing fee with this application. (Checks should be made payable to the City of Alexandria. Please contact staff for assistance in determining the appropriate fee.)
- ☒ I understand the notice requirements and will return a copy of the three respective notice forms to BAR staff at least five days prior to the hearing. If I am unsure to whom I should send notice I will contact Planning and Zoning staff for assistance in identifying adjacent parcels.
- ☒ I, the applicant, or an authorized representative will be present at the public hearing.
- ☒ I understand that any revisions to this initial application submission (including applications deferred for restudy) must be accompanied by the BAR Supplemental form and 3 sets of revised materials.

The undersigned hereby attests that all of the information herein provided including the site plan, building elevations, prospective drawings of the project, and written descriptive information are true, correct and accurate. The undersigned further understands that, should such information be found incorrect, any action taken by the Board based on such information may be invalidated. The undersigned also hereby grants the City of Alexandria permission to post placard notice as required by Article XI, Division A, Section 11-301(B) of the 1992 Alexandria City Zoning Ordinance, on the property which is the subject of this application. The undersigned also hereby authorizes the City staff and members of the BAR to inspect this site as necessary in the course of research and evaluating the application. The applicant, if other than the property owner, also attests that he/she has obtained permission from the property owner to make this application.

**APPLICANT OR AUTHORIZED AGENT:**Signature: Alan B. GordonPrinted Name: Alan B. GordonDate: 10/21/21

# OWNERSHIP AND DISCLOSURE STATEMENT

Use additional sheets if necessary

1. Applicant. State the name, address and percent of ownership of any person or entity owning an interest in the applicant, unless the entity is a corporation or partnership, in which case identify each owner of more than three percent. The term ownership interest shall include any legal or equitable interest held at the time of the application in the real property which is the subject of the application.

Name	Address	Percent of Ownership
1. L. Leonard Hacker	319 9th St., SE Washington, DC 20003	66%
2. Naomi Hacker	319 9th St., SE Washington, DC 20003	10%
3. Alan B. Gordon	6862 Dina Leigh Ct Springfield, VA 22153	22%

2. Property. State the name, address and percent of ownership of any person or entity owning an interest in the property located at 1012 & 1014 Queen St. (address), unless the entity is a corporation or partnership, in which case identify each owner of more than three percent. The term ownership interest shall include any legal or equitable interest held at the time of the application in the real property which is the subject of the application.

Name	Address	Percent of Ownership
1. L. Leonard Hacker	319 9th St., SE Washington, DC 20003	66%
2. Naomi Hacker	319 9th St., SE Washington, DC 20003	10%
3. Alan B. Gordon	6862 Dina Leigh Ct. Springfield, VA 22153	22%

3. Business or Financial Relationships. Each person or entity listed above (1 and 2), with an ownership interest in the applicant or in the subject property is required to disclose any business or financial relationship, as defined by Section 11-350 of the Zoning Ordinance, existing at the time of this application, or within the 12-month period prior to the submission of this application with any member of the Alexandria City Council, Planning Commission, Board of Zoning Appeals or either Boards of Architectural Review.

Name of person or entity	Relationship as defined by Section 11-350 of the Zoning Ordinance	Member of the Approving Body (i.e. City Council, Planning Commission, etc.)
1. None		
2.		
3.		

**NOTE: Business or financial relationships of the type described in Sec. 11-350 that arise after the filing of this application and before each public hearing must be disclosed prior to the public hearings.**

As the applicant or the applicant's authorized agent, I hereby attest to the best of my ability that the information provided above is true and correct.

10/21/21  
Date

Alan B. Gordon  
Printed Name

Alan B. Gordon  
Signature











# HardiePlank® Lap Siding

## Submittal Form

01

Submitted to: .....

Project Name: .....

Submitted by: .....

Date: .....

☐ HZ5® Product Zone ☐ HZ10® Product Zone

Product Width: ☐ 5-1/4in ☐ 6-1/4in ☐ 7-1/4in ☐ 8in ☐ 8-1/4in ☐ 9-1/4in ☐ 12in

Product Finish: ☐ Primed ☐ ColorPlus® Technology

Product Texture: ☐ Smooth ☐ Select Cedarmill® ☐ Colonial Roughsawn®  
☐ Colonial Smooth® ☐ Rustic Cedar

# HardiePlank® Lap Siding

## Specification Sheet

01

DIVISION: 07 00 00 THERMAL AND MOISTURE PROTECTION

SECTION: 07 46 46 FIBRE CEMENT SIDING

### HARDIEPLANK® LAP SIDING

#### Manufacturer

James Hardie Building Products, Inc

The products are manufactured at the following locations, with quality control inspections by ICC-ES:

- Cleburne, Texas
- Plant City, Florida
- Reno, Nevada
- Waxahachie, Texas
- Peru, Illinois
- Pulaski, Virginia
- Tacoma, Washington
- Fontana, California

#### Compliance with the following codes

- 2012, 2009 and 2006 International Building Code® (IBC)
- 2012, 2009 and 2006 International Residential Code® (IRC)

#### Features

- Noncombustible
- Dimensionally Stable
- Resists damage from pests
- Weather Resistant-Engineered for Climate®
- Impact resistant
- Sustainable

#### Use

James Hardie fiber-cement lap siding is used as exterior wall covering. The product complies with IBC Section 1404.10 and IRC Section R703.10. The product may be used on exterior walls of buildings of Type I, II, III and IV construction (IBC)

#### Description

HardiePlank lap siding is a single-faced, cellulose fiber-reinforced cement (fiber-cement) product. HardiePlank lap siding complies with ASTM C1186, as Grade II, Type A; has a flame-spread index of 0 and a smoke-developed index of 5 when tested in accordance with ASTM E84; and is classified as noncombustible when tested in accordance with ASTM E136.

#### Available Sizes

Product	Width (in)	Length	Thickness (in)
HardiePlank lap siding*	5-1/4, 6-1/4, 7-1/4, 8, 8-1/4, 9-1/4, 12	12 feet	5/16

\* HZ5: 9-1/4, 12 only available primed HZ10: 5-1/4, 9-1/4, 12 only available primed.

#### Texture & Finish

HardiePlank lap siding comes in a variety of textures and finishes. The product is available in smooth or wood grain texture. Additional textures are available on a regional basis. Finish options are primed for field paint, or factory finished with ColorPlus® Technology. Color availability varies by region.

#### Engineered for Climate®

HardiePlank lap siding is engineered for performance to specific weather conditions by climate zones as identified by the following map.





**Performance Properties**

General Property		Test Method	Unit or Characteristic	Requirement	Result
PHYSICAL ATTRIBUTES	Dimensional Tolerances	ASTM C1185	Length	± 0.5% or ± 1/4 in	Pass
			Width	± 0.5% or ± 1/4 in	
			Thickness	± 0.04 in	
			Squareness	Δ in diagonals ≤ 1/32 in/ft of sheet length. Opposite sheet sides shall not vary in length by more than 1/32 in/ft	
			Edge Straightness	≤ 1/32 in/ft of length	
	Density, lb/ft <sup>3</sup>	ASTM C1185		As reported	83
THERMAL	Water Absorption, % by mass	ASTM C1185		As reported	36
	Water Tightness	ASTM C1185	Physical Observations	No drop formation	Pass
	Flexural Strength	ASTM C1185	Wet conditioned, psi	>1015 psi	Pass
			Equilibrium conditioned, psi	>1450 psi	
	Thermal Conductivity	ASTM C177	(BTU/(hr·ft <sup>2</sup> ·°F))/inch		2.07
	Actual Thermal Conductivity		(K <sub>eff</sub> )	As reported	6.62
	Thermal Resistance		R=1/ K <sub>eff</sub>		0.48
DURABILITY	Actual Thermal Resistance		(R)		0.15
	Warm Water Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
	Heat/Rain Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
	Freeze/Thaw Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
			Mass Loss, %	≤ 3.0%	
			Freeze/Thaw, % strength retention	≥ 80%	
FIRE CHARACTERISTICS	UV Accelerated Weathering Test	ASTM G23	Physical Observations	No cracking, checking, or crazing	Pass
	Surface Burning Characteristics	ASTM E84	Flame Spread Index (FSI)		0
			Smoke Developed Index (SDI)		≤ 5
			Fuel Contributed		0
			NFPA Class		A
			Uniform Building Code Class	As reported	1
			International Building Code® class		A
	Noncombustibility	ASTM E136	Noncombustible	Pass/fail	Pass
	Fire Resistance Rated Construction	ASTM E119	Fire Resistance Rating	1-hour	Note 1

Note 1: listed on Warnock Hersey and ESR 2290

**Installation**

Install HardiePlank lap siding in accordance with:

- HardiePlank lap siding installation instructions
- ICC-ES ESR 2290
- Requirements of authorities having jurisdiction

**Warranty**

HardiePlank lap siding: 30-year, Non-Prorated, Limited Warranty  
ColorPlus Technology: 15-year Limited Finish Warranty

**Sustainable Design Contribution**

- Regionally sourced content- varies by project location
- Avoidance of certain chemicals or Red List Compliance

Detailed product information for LEED projects, or other state or regional sustainability programs is available through James Hardie Technical Services.

**Storage and Handling**

Store flat and keep dry and covered prior to installation.

**Technical Services**

Contact James Hardie Technical Services online at [JamesHardie.com](http://JamesHardie.com), or by phone at (800)426-4051

**P2**



Additional Installation Information, Warranties, and Warning are available at [JamesHardie.com](http://JamesHardie.com)

1 866 442 7343 | [www.jameshardie.com](http://www.jameshardie.com)

**IMPORTANT:** Failure to install and finish this product in accordance with applicable building codes and James Hardie written application instructions may affect system performance, violate local building codes, void the product-only warranty and lead to personal injury.

**DESIGN ADVICE:** Any information or assistance provided by James Hardie in relation to specific projects must be approved by the relevant specialists engaged for the project eg. builder, architect or engineer. James Hardie will not be responsible in connection with any such information or assistance.

© 2019 James Hardie Building Products Inc. All rights reserved. TM, SM, and ® denote trademarks or registered trademarks of James Hardie Technology Limited. The International Building Code and International Residential Code trademarks are registered trademarks of International Code Council, Inc. TB1001 07/14