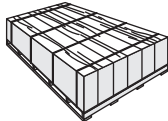


IMPORTANT: FAILURE TO INSTALL AND FINISH THIS PRODUCT IN ACCORDANCE WITH APPLICABLE BUILDING CODES AND JAMES HARDIE WRITTEN APPLICATION INSTRUCTIONS MAY LEAD TO PERSONAL INJURY, AFFECT SYSTEM PERFORMANCE, VIOLATE LOCAL BUILDING CODES, AND VOID THE PRODUCT ONLY WARRANTY.

STORAGE & HANDLING:

Store flat and keep dry and covered prior to installation. Installing siding wet or saturated may result in shrinkage at butt joints. Carry panels on edge. Protect edges and corners from breakage. James Hardie is not responsible for damage caused by improper storage and handling of the product.



CUTTING INSTRUCTIONS

<p>OUTDOORS</p> <ol style="list-style-type: none"> Position cutting station so that wind will blow dust away from user and others in working area. Use one of the following methods: <ol style="list-style-type: none"> Best: <ol style="list-style-type: none"> Score and snap Shears (Pneumatic or Handheld) Better: <ol style="list-style-type: none"> Dust reducing circular saw equipped with a Hardieblade™ saw blade and HEPA vacuum extraction Good: <ol style="list-style-type: none"> Dust reducing circular saw with a Hardieblade saw blade (only use for low to moderate cutting) 	<p>INDOORS</p> <ol style="list-style-type: none"> Cut only using score and snap, or shears (manual, electric or pneumatic). Position cutting station in well-ventilated area <p>- NEVER use a power saw indoors - NEVER use a circular saw blade that does not carry the Hardieblade saw blade trademark - NEVER dry sweep – Use wet suppression or HEPA Vacuum</p>
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Important Note: For maximum protection (lowest respirable dust production), James Hardie recommends always using "Best"-level cutting methods where feasible.

NIOSH-approved respirators can be used in conjunction with above cutting practices to further reduce dust exposures. Additional exposure information is available at www.jameshardie.com to help you determine the most appropriate cutting method for your job requirements. If concern still exists about exposure levels or you do not comply with the above practices, you should always consult a qualified industrial hygienist or contact James Hardie for further information.

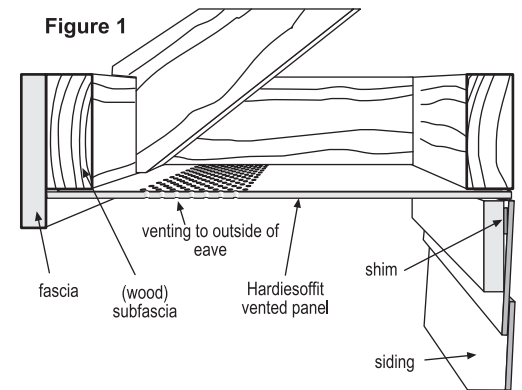
SD083105

GENERAL REQUIREMENTS:

- These instructions are to be used for the application of Hardiesoffit™ panels on conventional, site construction. For other applications, such as those for factory-built construction (including manufactured housing, modular or panelized buildings) please contact James Hardie Building Products.
- Hardiesoffit panels may be installed over either steel or wood framing complying with the local building code. Install soffits to nominal 2 x 4 framing members spaced a maximum of 24 inches on center, with the long dimension perpendicular to the framing. All edges must be supported by framing.
- Install weather barriers and air barriers as required by local building codes. James Hardie will assume no responsibility for water infiltration.
- Install kickout flashing at roof-wall junctions. (fig 4.)

INSTALLATION:

- Hardiesoffit panels must be fastened to a solid, nailable substrate such as a wood 2x subfascia.
- Vented soffits can be installed as shown in figure 1. Position the vent holes toward the outside of the eave for optimal airflow. 12" to 24" wide Vented Hardiesoffit panels provide 5.0 square inches of net free ventilation per lineal foot.
- Unvented soffits can be installed as shown in figure 2. Alternatively vents can be installed into unvented soffit.
- If necessary, an insect screen can be installed using construction adhesive. Note: net free ventilation will be reduced.



Jointing Methods

- Install panels in moderate contact at ends, or provide PVC or metal jointers, battens or leave appropriate gap and caulk. (fig 3)

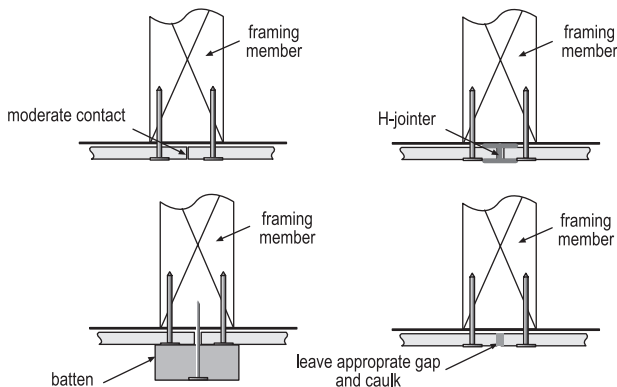
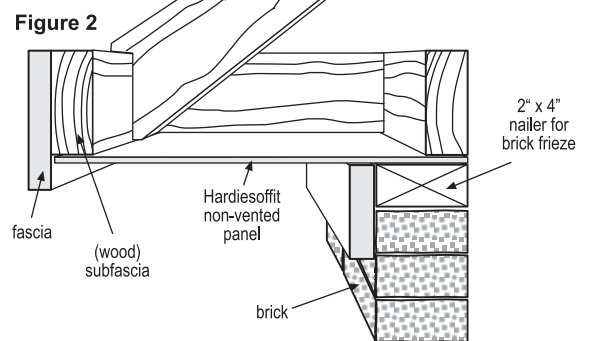


Figure 3

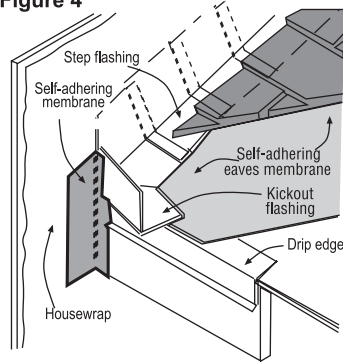


WARNING: AVOID BREATHING SILICA DUST

James Hardie® products contain respirable crystalline silica, which is known to the State of California to cause cancer and is considered by IARC and NIOSH to be a cause of cancer from some occupational sources. Breathing excessive amounts of respirable silica dust can also cause a disabling and potentially fatal lung disease called silicosis, and has been linked with other diseases. Some studies suggest smoking may increase these risks. During installation or handling: (1) work in outdoor areas with ample ventilation; (2) use fiber cement shears for cutting or, where not feasible, use a Hardieblade™ saw blade and dust-reducing circular saw attached to a HEPA vacuum; (3) warn others in the immediate area; (4) wear a properly-fitted, NIOSH-approved dust mask or respirator (e.g. N-95) in accordance with applicable government regulations and manufacturer instructions to further limit respirable silica exposures. During clean-up, use HEPA vacuums or wet cleanup methods - never dry sweep. For further information, refer to our installation instructions and Material Safety Data Sheet available at www.jameshardie.com or by calling 1-800-9HARDIE (1-800-942-7343). FAILURE TO ADHERE TO OUR WARNINGS, MSDS, AND INSTALLATION INSTRUCTIONS MAY LEAD TO SERIOUS PERSONAL INJURY OR DEATH.

SD05905

Figure 4



KICKOUT FLASHING

Because of the volume of water that can pour down a sloped roof, one of the most critical flashing details occurs where a roof intersects a sidewall. The roof must be flashed with step flashing. Where the roof terminates, install a kickout to deflect water away from the siding (figure 4).

It is best to install a full rubberized asphalt flashing on the wall before the subs fascia and trim boards are nailed in place, and then come back to install the kickout.

Figure 4, Kickout Flashing* - To prevent water from dumping behind the siding and the end of the roof intersection, bend a small "kickout" from metal flashing to divert water running down the roof away from the siding.

FASTENER REQUIREMENTS

- Fasteners must be installed with a minimum 3/8" edge distance and 2" clearance from end of panel.
- For wood frame construction a minimum 4d common nails spaced 8" o.c. at panel edges and intermediate framing members spaced up to 24" on center are suitable in most locations*.
- For conventional 20ga steel frame construction a minimum No. 8-18 x 0.323" HD x 1" long ribbed bugle screws spaced 6" o.c. at panel edges and intermediate framing members spaced up to 24" on center are suitable in most locations**.

**Minimum Basic Wind Speed differs by locality. Where specified levels of wind resistance are required, refer to applicable Building Code Compliance Reports.

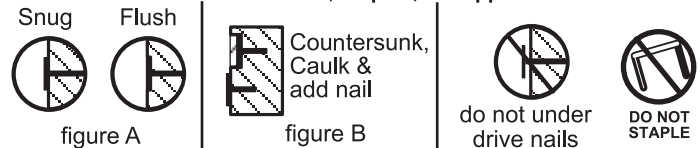
GENERAL FASTENING REQUIREMENTS

Fasteners must be corrosion resistant, galvanized, or stainless steel. Electro-galvanized are acceptable but may exhibit premature corrosion. James Hardie recommends the use of quality, hot-dipped galvanized nails. James Hardie is not responsible for the corrosion resistance of fasteners. Stainless steel fasteners are recommended when installing James Hardie® products near the ocean, large bodies of water, or in very humid climates.

- Consult applicable code compliance report for correct fastener type and placement to achieve specified design wind loads and shear values.
- NOTE: Published shear values and wind loads may not be applicable to all areas where Local Building Codes have specific jurisdiction. Consult James Hardie Technical Services if you are unsure of applicable compliance documentation.
- Drive fasteners perpendicular to siding and framing.
- Fastener heads should fit snug against siding (no air space). (Fig. A)
- Do not over-drive nail heads or drive nails at an angle.
- If nail is countersunk, caulk nail hole and add a nail. (Fig. B)
- Under driven nails should be hit flush to the plank with a hammer.
- **Do not use aluminum fasteners, staples, or clipped head nails.**

PNEUMATIC FASTENING

James Hardie products can be hand nailed or fastened with a pneumatic tool. Pneumatic fastening is highly recommended. Set air pressure so that the fastener is driven snug with the surface of the siding. A flush mount attachment on the pneumatic tool is recommended. This will help control the depth the nail is driven. If setting the nail depth proves difficult, choose a setting that under drives the nail. Drive the under driven nails snug with a smooth faced hammer.



CUT EDGE TREATMENT

Caulk, paint or prime all field cut edges.

CAULKING

For best results use a latex sealant that complies with either ASTM C834 or ASTM C920 (Grade NS, Class 25). Caulking must be applied in accordance with the caulking manufacturer's written instructions.

PAINTING

James Hardie products must be painted.** 100% acrylic topcoats are recommended. Do not paint when wet. For application rates refer to paint manufacturers specifications. Back-rolling is recommended if the siding is sprayed. **within 180 days for primed product and 90 days for unprimed

COLORPLUS® TECHNOLOGY CAULKING, TOUCH-UP & LAMINATE

- Touch up nicks, Scrapes and nail heads using the ColorPlus® technology touch up pen. Touch-up paint should be used sparingly. If large areas require touch-up, replace the damaged area with new Hardieplank™ lap siding with ColorPlus technology.
- Laminate sheet must be removed immediately after installation of each course.
- Terminate non-factory cut edges into trim where possible, and caulk. Color matched caulks are available from your ColorPlus® product dealer.
- Treat all other non-factory cut edges using the ColorPlus technology edge coat, available from your ColorPlus product dealer.

* The illustration (figure 4) was reprinted with permission of THE JOURNAL OF LIGHT CONSTRUCTION. For subscription information, call (800) 375-5981 or visit www.jlconline.com.

RECOGNITION: In accordance with ICC-ES Legacy Report NER-405, Hardiesoffit™ panel is recognized as a suitable alternate to that specified in: the BOCA National Building Code/1999, the 1997 Standard Building Code, the 1997 Uniform Building Code, the 1998 International One- and Two-Family Dwelling Code, the 2003 International Building Code, and the 2003 International Residential Code for One-and Two-Family Dwellings. Hardiesoffit panel is also recognized for application in the following: City of Los Angeles Research Report No. 24862, State of Florida listing FL#889, Dade County, Florida NOA No. 02-0729.02, U.S. Dept. of HUD Materials Release 1263c, Texas Department of Insurance Product Evaluation EC-23, City of New York MEA 223-93-M, and California DSA PA-019. These documents should also be consulted for additional information concerning the suitability of this product for specific applications.