

**IMPORTANT: FAILURE TO INSTALL AND FINISH HARDITRIM® EXTERIOR TRIM IN ACCORDANCE WITH APPLICABLE BUILDING CODES AND JAMES HARDIE'S WRITTEN APPLICATION INSTRUCTIONS, MAY AFFECT SYSTEM PERFORMANCE, VIOLATE LOCAL BUILDING CODES REQUIREMENTS, AND VOID THE PRODUCT ONLY WARRANTY.**

## FASTENING OF HARDITRIM

Fastening instructions are similar for each of these applications. Position nails no closer than 3/4" from the side edges of the trim board, and no closer than 1" from the ends. Space fasteners a maximum of 16" on center.

When installing over lap siding, fasten the trim by nailing through the trim and underlying siding, making sure to nail on the overlap or high points into framing and/or sheathing. Additional fasteners may be required to ensure that the trim is adequately secured.

## TRIM APPLICATION FOR WINDOWS, DOORS & OTHER OPENINGS

### Trim, Butt Joint to Siding (Figures 1, 1A, 1B)

In this application, the opening is trimmed out prior to the application of siding (Figure 1).

Leave up to a 1/8" gap between the siding and trim, then caulk (Figure 1A, 1B).

**NOTE: It is recommended that flashing be properly installed around all wall openings such as windows and doors. James Hardie will assume no responsibility for water infiltration within the wall.**

## TRIMMING INSIDE CORNER

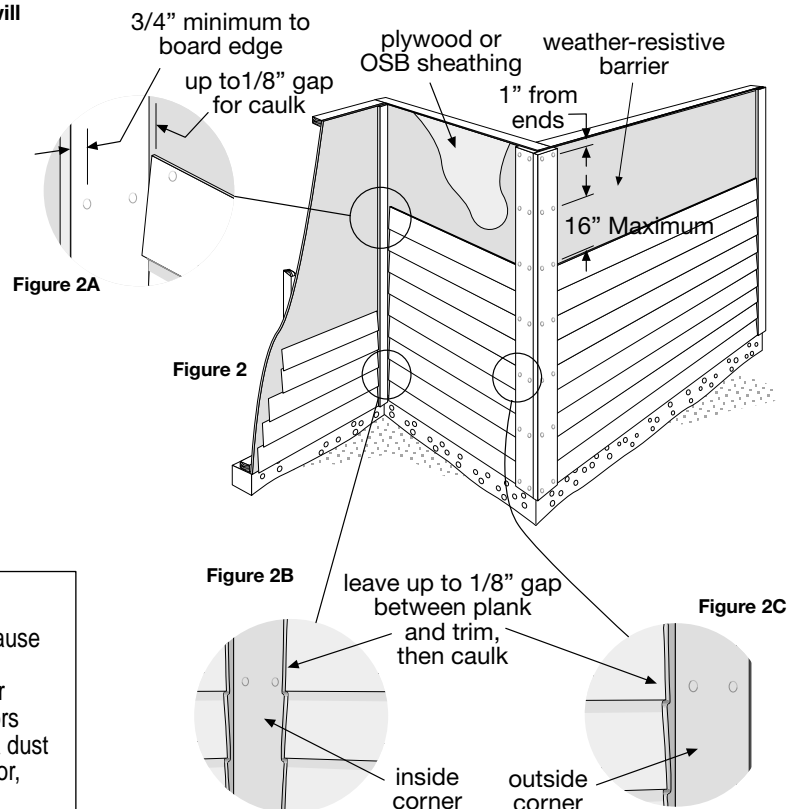
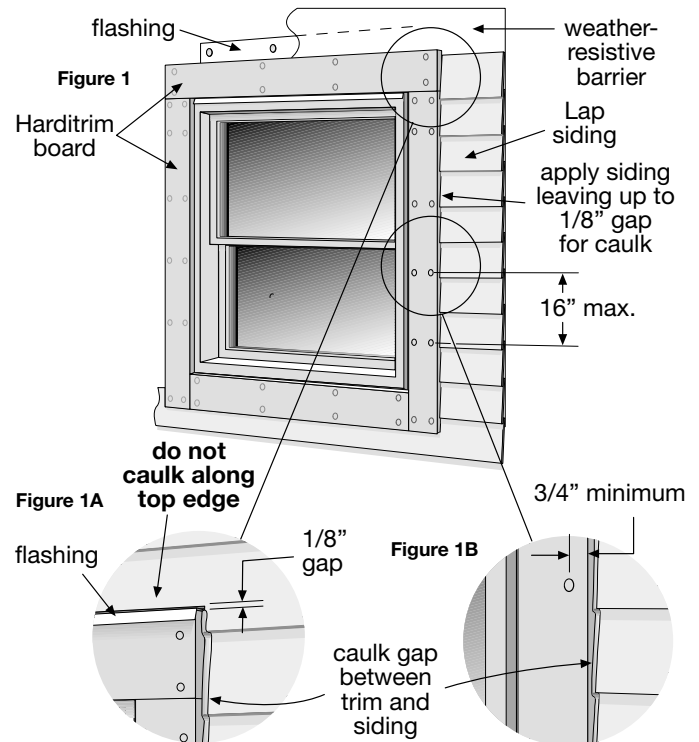
### Inside Corner Trim Butt Joints (Figures 2, 2A, 2B)

As illustrated, position a single trim board on the wall and secure (Figures 2, 4A).

## TRIMMING OUTSIDE CORNER

### Corner Trim Butt Joints (Figures 2, 2C, 4B)

As illustrated, position a single trim board on the wall and secure (Figure 2). Allow proper spacing around edges and ends as specified above.



### WARNING: AVOID BREATHING SILICA DUST

Product contains Silica. Inhalation of respirable silica dust can cause silicosis a potentially disabling lung disease, and is known to the State of California to cause lung cancer. When drilling, cutting, or abrading product during installation or handling. (1) Work outdoors where feasible, otherwise use mechanical ventilation, (2) Wear a dust mask or, if dust may exceed PEL, use NIOSH approved respirator, (3) Warn others in area. For further information, refer to material safety data sheet or consult employer.

FAILURE TO ADHERE TO WARNINGS, MSDS, AND INSTALLATION INSTRUCTIONS MAY LEAD TO SERIOUS PERSONAL INJURY.

# TRIM APPLICATION FOR WINDOWS, DOORS & OTHER OPENINGS

## Trim Applied Over Siding (Figures 3 & 4)

The application of siding must be completed prior to the placement of the trim boards. Carefully measure and position the trim, and secure as detailed (Figures 3, 4).

See Page (1) for Fastening Instructions.

**Do not place nails in between lap joints (Figure 4A).**

**NOTE:** It is recommended that flashing be properly installed around all wall openings such as windows and doors. James Hardie will assume no responsibility for water infiltration within the wall.

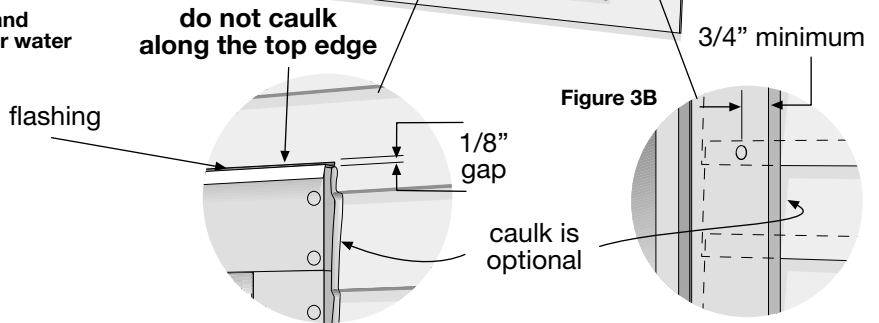
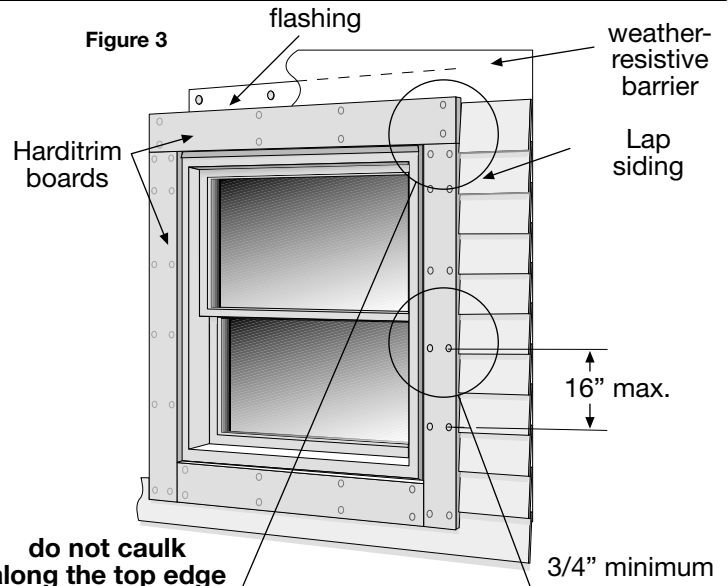


Figure 3A

## TRIMMING OUTSIDE CORNER

### Corner Trim Over Siding (Figures 4, 4A, 4B)

See Page (1) for Fastening Instructions.

**Do not place nails in between lap joints (figure 4A).**

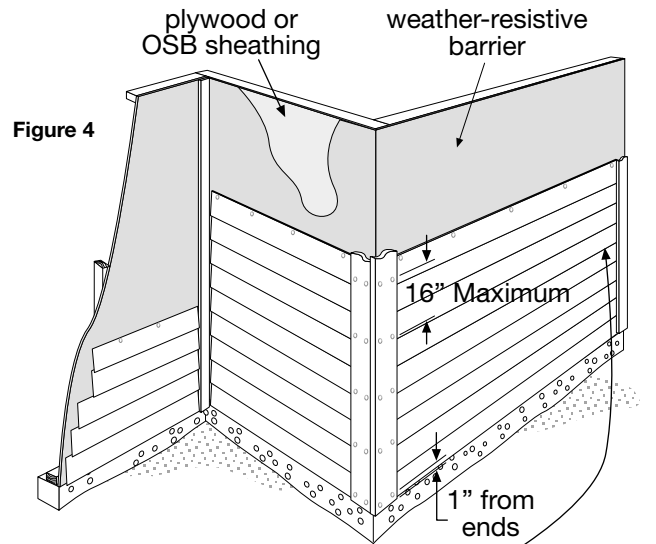
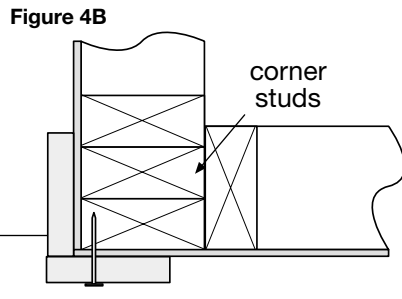


Figure 4



position nail to secure trim into framing and/or sheathing

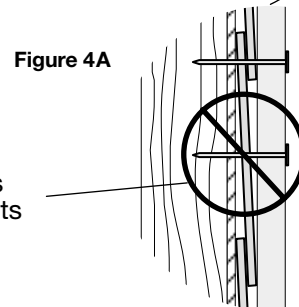


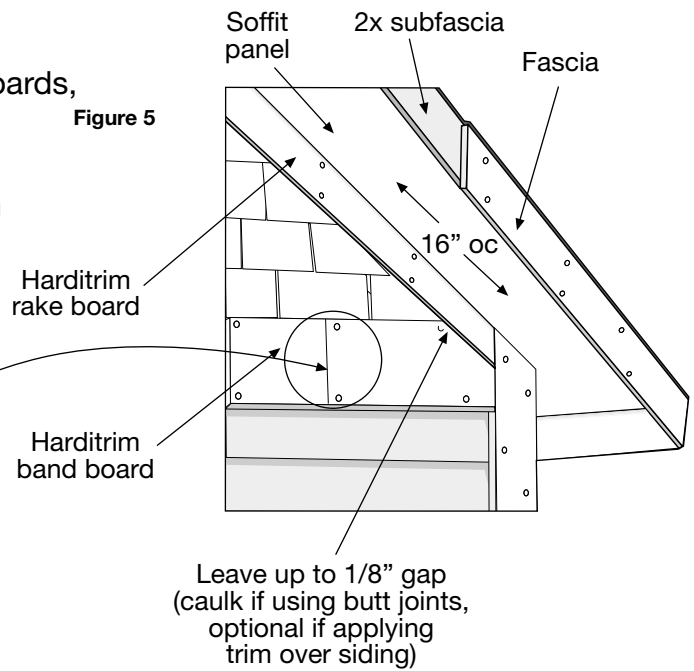
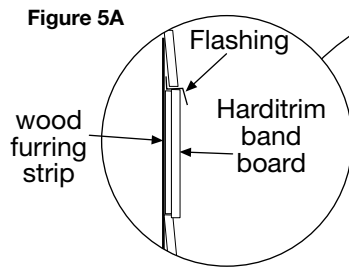
Figure 4A

do not place nails in-between lap joints

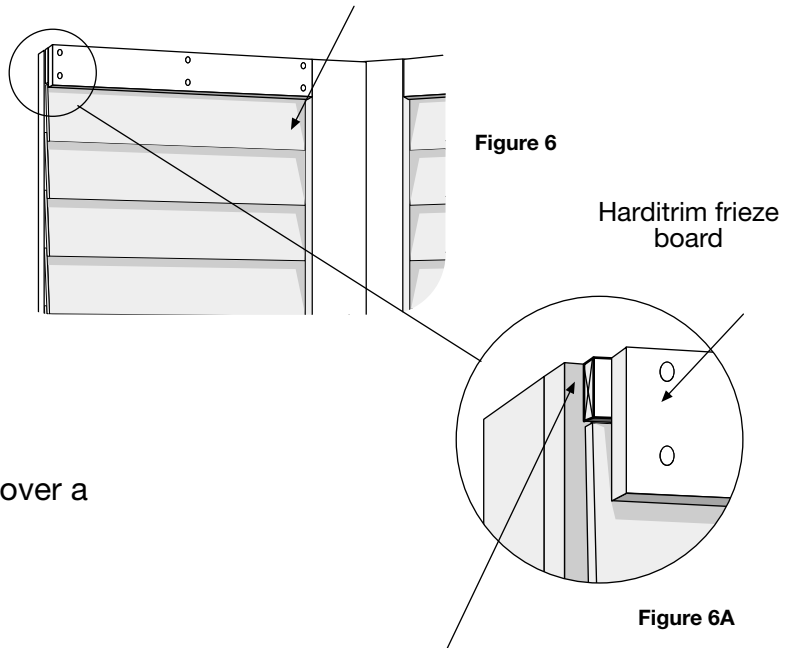
## Band Boards, Frieze Boards, Rakes, & Fascia

Harditrim boards may also be used as band boards, frieze boards, rakes, and fascia.

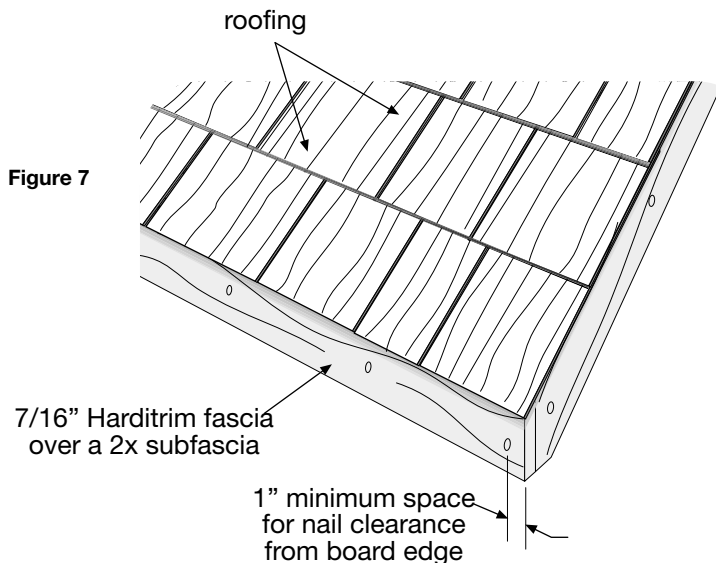
For band board applications, install Harditrim boards over a wood furring strip with appropriate flashing (Figure 5A). Harditrim for use as rakes is shown in Figure 5.



For frieze board applications with Harditrim boards over previously applied siding, a shim may be required to create an even look (Figures 6, 6A).



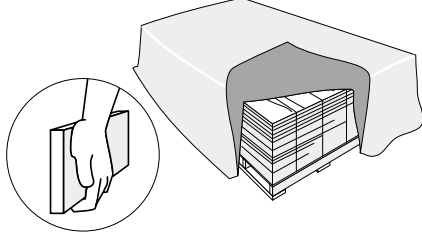
For fascia applications, James Hardie recommends 7/16" thick Harditrim board over a wood 2x subfascia (Figures 5, 7).



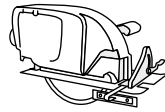
Note: shim is shown beyond trim piece for clarity only

## STORAGE & HANDLING:

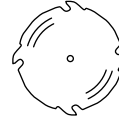
Keep material dry prior to and during installation. Store in garage or covered. Protect from dirt and moisture. Carry trim on edge.



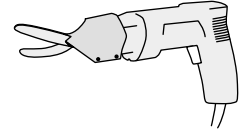
## CUTTING OPTIONS:



Circular saw with dust collector



Circular saw blade with carbide-tipped teeth



Electric or pneumatic hand shear



- ▲ JH recommends Makita® #5044KB 4" or #5057KB 7-1/4" saw with dust collection. Call 800-4MAKITA
- ▲ Hitachi® HARDIBLADE™ w/4 PCD Diamond Teeth. Call Hitachi® at 800-546-1666 for nearest dealer.
- ▲ SNAPPER SHEAR™ electric or pneumatic hand shear. Call 800-297-7487 for tool information.

Always wear safety glasses and dust protection when operating power tools. For more information on avoiding inhalation refer to the MATERIAL SAFETY DATA SHEET available wherever James Hardie fiber-cement products are sold.

## PNEUMATIC FASTENING:

Harditrim boards can be hand nailed or fastened with the use of a pneumatic tool. Set your air pressure so that the fastener is driven snug with the board surface.



## FASTENER REQUIREMENTS:

- Drive fasteners perpendicular to siding and framing.
- Fastener heads should fit snug against siding (no air space). (Fig. A & B)
- Do not under drive nails (Fig. C).

## RECOMMENDED:

Use a flush mount attachment on pneumatic tool. This will help control the depth that the nail is driven. This will be especially helpful when more than one pneumatic tool is driven off the same compressor.



Figure A



Figure B



Figure C

do not under drive nails

## NAIL TYPE:

Fasteners must be corrosion-resistant, galvanized or stainless steel. Electro-galvanized nails are acceptable for use with James Hardie Siding Products, but may exhibit premature corrosion. James Hardie recommends the use of hot-dipped galvanized nails. James Hardie is not responsible for the corrosion resistance of fasteners.

## CODE COMPLIANCE:

Harditrim planks may be installed as an equal alternative to conventional trim permitted for use in the 1997 Uniform Building Code, Section 601.5.5; the 1997 Standard Building Code, Section 1404.1; the 1999 BOCA National Building Code, Section 1407.2.2; and the 1995 CABO One and Two Family Dwelling Code, Section 703.1.



James Hardie's seal of approval indicates products recommended for use by James Hardie Building Products

**Weather-resistant barrier:** Use a weather-resistant barrier in accordance with: 1999 BOCA National Building Code Section 1404.3; SBCCI Standard Building Code Section 2303.3; 1997 ICBO Uniform Building Code Section 1402.1; or 1995 CABO One-and Two-Family Dwelling Code Section 703.2.

**NOTE:** Many Building Codes exempt the use of weather-resistant barriers over "water-repellent sheathing" or exterior panels classified as "weather-resistant barriers". However, in most cases where a weather-resistant barrier is not used, wind driven rain and snow may penetrate the unprotected wall cavity. Therefore James Hardie recommends the use of "building paper type" weather-resistant barriers with all siding products. James Hardie will assume no responsibility for water infiltration within the wall.

## FINISHING HARDITRIM:

### Patching:

Dents, chips and cracks can be filled with a cementitious patching compound.



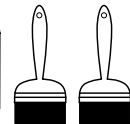
### Caulking:

A high quality, paintable caulk is recommended. For best results use caulks that comply with either ASTM C 834 or ASTM C 920. Caulking should be applied in accordance with caulking manufacturers written instructions. Leave up to 1/8" gap at trim for caulk. Caulking at butt joints is optional.



### Painting:

James Hardie products must be painted. Harditrim comes with our exclusive Prime Plus™ factory priming system. For best results use a 100% acrylic topcoat (s). \* For paint manufacturer's paint specifications, refer to JH Technical Bulletin No. S-100.



\* Note: Please refer to paint manufacturers' specifications for application rates.

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