

HardieWrap™ Flashing Guide

PRODUCT DESCRIPTION

HardieWrap™ Flashing and HardieWrap™ Flex Flashing are high performance, self-adhering, self-sealing 100% butyl on a non-woven, tear-resistant top sheets that are applied around windows and doors to prevent water and air intrusion. HardieWrap™ Flashing has a release liner for peel and stick installation and has no asphalt, VOCs or solvents.

HardieWrap™ Flex Flashing is designed to easily stretch and seal around doors and windows, as well as custom shapes to protect against water intrusion and is supplied in a convenient dispenser box.

Together with HardieWrap™ weather barrier and HardieWrap™ Seam Tape, HardieWrap™ Flashing and HardieWrap™ Flex Flashing provide the James Hardie® weather barrier solution to manage water drainage and prevent water damage and energy loss.

STORAGE

For optimum performance, store in original sealed packaging at temperatures 5° - 32°C (41° - 90°F) at moisture free conditions. James Hardie requires that Hardie™ Flashing and Hardie™ Flex Flashing must be covered within 180 days of its installation.

IMPORTANT TO NOTE

This recommendation refers to the most commonly used types of windows (surface mounted). For other types of frames, special attention should be paid to window manufacturer's instructions.

Check your local building code for construction requirements and follow the manufacturers recommended installation instructions; or utilize standard practices for the installation of exterior windows and doors as referenced in ASTM E2112-01 or AAMA 2400-2 (CAWM 400-95). Consult with the architect or specifier regarding the methods to be utilized.

GENERAL REQUIREMENT

The installation guidelines herein are only informational in nature and may not be appropriate for use in all applications. It is the sole responsibility of the architect or specifier to identify moisture-related risks associated with any particular building design, and to make any appropriate adjustments or modifications to the installation guidelines herein. Wall construction design must effectively manage moisture, considering both the interior and exterior environment of the building, particularly in buildings that have a higher risk of wind driven rain penetration and conditioned spaces. Wall openings, penetrations, junctions, connections, window sills, headers & jambs must incorporate appropriately installed HardieWrap™ Flashing and HardieWrap™ Flex Flashing or other flashing or flashing details as recommended by the manufacture, architect or specifier.



HardieWrap™ Flashing



HardieWrap™ Flex Flashing



HardieWrap™ Seam Tape

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HARDIEWRAP™ FLEX FLASHING STRETCHABLE SILL FLASHING

Prepare sill flashing by cutting HardieWrap™ Flex Flashing at least 12" longer than the width of the rough opening. Install sill flashing by removing the release paper, centering sill flashing on sill framing stud and adhering into rough opening. The back edge of HardieWrap™ Flex Flashing should extend to the inside edge of sill framing stud and at least 6" up each jamb framing stud. (Note: Sill flashing should not wrap onto the inside of wall.)

DO NOT STRETCH MATERIAL ALONG THE SILL OF JAMB.

HardieWrap™ Flex Flashing should be applied over the water-resistive barrier after it has been cut and set into and around the window rough opening.

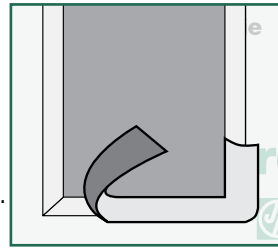


figure 1

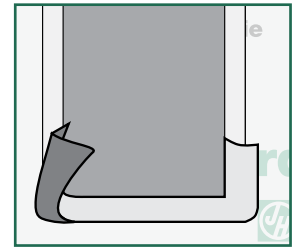


figure 2

Note: If a water-resistive barrier is to be applied after the window and flashing have already been installed, be sure not to fasten the lower edge of the flashing so that the water-resistive barrier may be slipped underneath the flashing in weather board or shingle lap (top layer overlapping bottom layer) fashion.

WINDOW INSTALLATION

Before installing the window: (a) apply a continuous bead of sealant to the backside (interior) of the window's mounting flange on the outer edge, or (b) apply a continuous seal to the rough opening to assure contact with the backside (interior) of the windows mounting flange (Do not caulk along bottom.) Install window according to manufacturer's installation procedures.

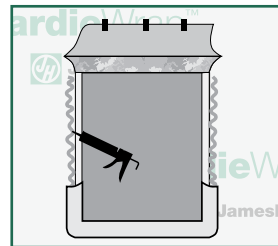


figure 3

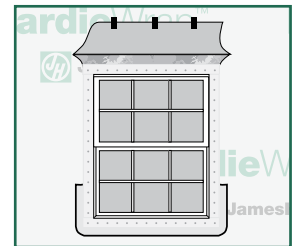


figure 4

SIDE JAMB FLASHING

Apply HardieWrap™ Flashing along the vertical sides of the opening. Flash over the side window mounting flanges. Extend the flashing by a minimum of 3" beyond the sill flashing (HardieWrap™ Flex Flashing) already in place and extend the flashing to a minimum of 3" beyond the top of the opening, so that it projects beyond the head flashing that is to be applied later.

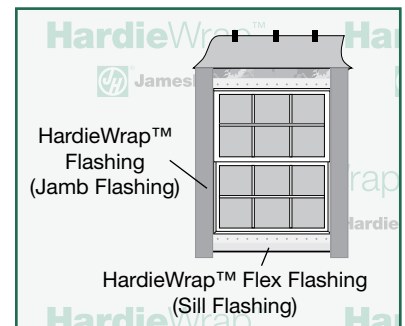


figure 5

HEAD FLASHING

Affix HardieWrap™ Flashing over the windows mounting flange along the header opening. Be sure to extend the flashing beyond each jamb flashing by 3". Secure flashing in place by applying pressure. Unattach weather barrier flap (top) and apply over head flashing as shown. Tape all seams and joints.

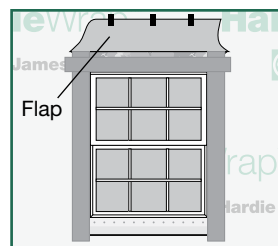


figure 6

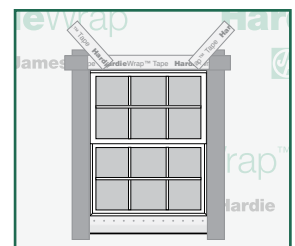


figure 7

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CIRCULAR WINDOWS

Follow above instructions for proper installation prior to head flashing installation. Install circular top windows according to window manufacturer installation guidelines, then follow instructions as illustrated in figures 8-11 to complete the process.

Measure the circular portion of the window and add 12" to this number. Cut HardieWrap™ Flex Flashing to this length for the head flashing. Remove approximately 20" of release paper and position HardieWrap™ Flex Flashing tightly along the first edge of round window. Press firmly into place. (Figs. 8 & 9) Continue removing release paper and conform HardieWrap™ Flex Flashing along entire circular portion of window. (Fig. 10) Use HardieWrap™ Seam Tape or mechanical fasteners (i.e. nails, staples, or screws) to temporarily hold top edge of head flashing to wall. HardieWrap™ Flex Flashing adhesive bond will strengthen over time. Both ends of head flashing should overlap sill flashings by at least 6".

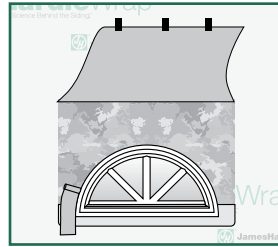


figure 8

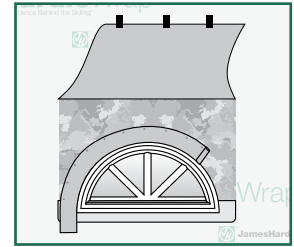


figure 9

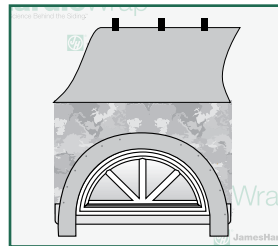


figure 10

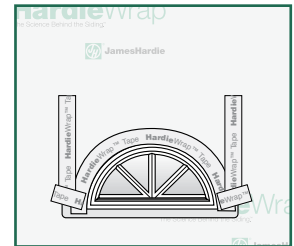


figure 11

IMPORTANT TO NOTE

This recommendation refers to the most commonly used types of windows (surface mounted). For other types of frames, special attention should be paid to window manufacturer's instructions.

A spray adhesive, such as Nashua 357, is recommended when HardieWrap Flex Flashing is applied directly to Oriented Strand Board (OSB) or other surfaces where additional adhesion is needed or required.

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For further information, consult James Hardie at 1-866-4HARDIE (1-866-442-7343) or www.hardiewrap.com

*Additional Installation Information, Warranties,
and Warnings are available at www.hardiewrap.com*



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