

Weather Resistant Barrier (WRB) Installation Instructions and Guidelines

Install with printed side facing to the outside.

CAUTION: Product may be slippery and should never be walked on.

BEFORE WINDOWS AND DOORS ARE INSTALLED:

1. Keeping roll plumb, begin a minimum of 6" from the corner and extend a minimum of 3" over the sill plate on the lowest course of the vertical surface to be wrapped.
2. Keep the product level as you unroll and fasten every 6" to 18" to structural material using plastic cap nails (12 gauge nail and 1" cap). Be sure the fastener is long enough to penetrate into the stud or nail base material. If staple method is used be sure the staple is 16-gauge wire with a 1" crown.
3. Unroll WRB over window and door rough openings to insure building is completely wrapped. Subsequent courses should overlap bottom course a minimum of 6" horizontally and 6" vertically. Tape all seams or accidental tears with CCMC approved contractor-sheathing tape.
4. At window and door openings make a horizontal cut at the top of the opening. Make an inverted "Y" cut beginning top and center of the opening and cut vertically approximately two thirds of the way down the opening. Make two diagonal cuts from the vertical cut to the corner or base of the opening.
5. Fold bottom and sides of WRB to the inside of the structure, fasten every 6" and trim excess material.
6. Install bottom sill flashing to extend a minimum of 4" past rough opening and 6" up the inside of jamb/sill corner. Install side flashing, overlapping flashing jamb/sill corner by 1". Cut two 45° angles at the corners on the top of the opening and temporarily secure on the exterior of the structure.
7. Install window or door into opening according to manufacturers instructions. Install head flashing under top flap of WRB but over window flange. Extend flashing a minimum of 3" over side flashing. Fold WRB over head flashing and tape diagonal cuts.

AFTER WINDOWS AND DOORS ARE INSTALLED

8. Follow first three steps from above installation instruction.
9. Cut WRB to the middle of the nailing flange of the window or door. Head flashing should be installed over the nailing flange. At the bottom of the window, trim around the sill and pull the flashing out so they overlap the WRB. Tape the WRB to the nailing flange on both sides of the window or door.

FACADES

All applicable building codes and manufacturers installation guidelines must be closely adhered to first. You must consider the following:

STUCCO – The National Building Code of Canada 2005, Section 9.28. Stucco does not specify the use of a weather resistive barrier or air barrier material. The 2006 IBC (Section 2510.6) and the 2006 IRC (Section R-703.6.3) require a water-resistive barrier with a performance at least equivalent to two layers of Grade D paper or a layer of weather resistive barrier separated from the stucco by an intervening layer when installed over wood based sheathing. In some stucco applications where a weather resistive barrier, equivalent to two layers of Grade D paper is used, two layers of GuardWrap are an acceptable alternative.

WOOD SIDING – Install GuardWrap according to installation instructions. Install wood siding according to manufacturers installation instructions and applicable building codes. Follow wood priming guidelines for the applicable wood type prior to installation.

VINYL SIDING – Install GuardWrap according to installation instructions. The attachment of vinyl siding must conform to the requirements in National Building Code of Canada 2005 in subsection 9.27.5. for metal siding. When a capillary break is required reference National Building Code of Canada 2005, section 9.27.2.2.

MASONRY – Install GuardWrap according to installation instructions. According to the National Building Code of Canada 2005, Section 9.20.6.4. Masonry Veneer shall be of solid units not less than 75 mm thick. When installed over wood frame walls, the masonry veneer shall have not less than a 25 mm air space behind the veneer.