

**Chester
Building Official
Code Enforcement**

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Weather Resistance Barrier (WRB) and Exterior Windows & Doors

Exterior window and doors shall be installed and flashed in accordance with the manufacturer's written installation instruction and requires the following minimal detail.

Weather Resistance Barrier

- Verify that the rough opening size is as required and that proper structural headers are in place. Jack studs are to be continuous from header to bottom wall plate – do not cut jack studs.
- Verify that the opening is square and is level and plumb.
- In all dwelling units where the opening of an operable window is located more than 72" above grade; the lowest part of the window shall be a minimum of 24 inches above the finished floor.
- Pre-apply building wrap (WRB); Remove wrinkles and bubbles and if damaged, new building wrap is to be re-applied in an overlapping fashion. Seams and tears are to be taped.

Window and/or Opening Preparation

- With WRB installed – make a standard "I-cut" or modified "I-cut" of your preference.
- At the head, cut back the building wrap approximately 8" at a 45 degree to the corners. Temporarily tape back the building wrap. This is a critical step.
- Fold side flaps into the opening and secure.
- Prepare the lower sill or pan flashing it with a drain mate or similar water resistant material. This material is to be placed on the sill and wrapped a minimum of 3" up on each side. The edges are to be sealed. Do cut corners
- Prepare window head and jambs with appropriate exterior-grade sealant. Do not seal the lower sill or pan area so as to provide adequate drainage. Do not block or seal weep holes.

Install Door/Door

- Install & fasten window per manufacturers instructions. Fasteners must be flush.

Flash the window with minimum 6" width of self –adhesive flashing applied as follows:

- Two side pieces 12" – 14" longer than the side
- One header piece 12-14" long than the top – overlap the side pieces
- Do not seal the lower window nailing fin
- Apply sealant to top corner of the window – if applicable
- Release the building wrap (temporarily placed above) from the header and overlap the top header flashing. Seal the angle cuts with self-adhering flashing or building wrap tape.
- On the interior, seal the rough opening voids with insulation or low-expansion foam.

Similar methods are used for all doors, windows, and external penetrations. Round top windows and/or other shapes will follow a similar process. These practices may be exceeded.

If manufacturer's installation instructions or builder's practice differ from above you must seek review and approval with the building official prior to installation.