

**Village of Vernon Hills  
Community Development Department  
290 Evergreen Drive, Vernon Hills, IL 60061  
Phone 847-367-3704 - Fax 847-367-2541 - [http:// www.vernonhills.org](http://www.vernonhills.org)**

**SOFFIT, FASCIA AND SIDING**

This hand out is for **REFERENCE ONLY**. For more details see specific code sections.

**TO APPLY FOR PERMIT:**

**As long as the information below is provided upon submittal, a permit will be issued immediately over the counter.**

1. Complete a permit application.
2. Provide a copy of the written and signed contract between the homeowner and contractor, if applicable.
3. Provide a copy of the Homeowner's Association Approval Letter, if applicable.
4. The permit fee may be paid in the form of a check made payable to the Village of Vernon Hills, or in cash. Fees will be determined based upon the job cost.

**CONSTRUCTION REQUIREMENTS:**

1. The minimum thickness for aluminum siding is .024" or .019" with a backer board.
2. The minimum thickness for vinyl siding is .044".
3. The new siding must be installed over an approved building wrap (tyvek, typar, felt paper, etc.)
4. Before installing a new soffit, the old vents should be removed, where possible.
5. New aluminum soffit panels shall be installed so that at least every third panel is ventilated.
6. Provide house numbers – minimum 4" tall and visible from street

**REQUIRED INSPECTIONS:**

**The permit holder is responsible for scheduling inspections. To request an inspection, contact the Building Department at (847) 367-3704 between 8:30 am and 3:30 pm, M-F to schedule the inspection at least one day in advance with the permit number ready.**

1. A final inspection is required upon completion of the work.

## EXTERIOR COVERING ORDINANCE

### Section R703 Exterior Covering

**R703.1 General.** Exterior walls shall provide the building with a weather-resistant exterior wall envelope. The exterior wall envelope shall include flashing as described in Section R703.8. The exterior wall envelope shall be designed and constructed in such a manner as to prevent the accumulation of water within the wall assembly by providing a water-resistive barrier behind the exterior veneer as required by Section R703.2.

**Exception:** Aluminum and vinyl siding can only be allowed for use on the existing buildings and only in the subdivisions where such materials have already been installed. Except for textured fiber-cement siding, aluminum soffit and fascia, aluminum and vinyl siding shall not be used in the subdivisions where only cedar and masonry have been used in original construction.

The use of aluminum and vinyl siding in new construction can be authorized only by the Village of Vernon Hills Board of Trustees.

**Section R703.1.1 Caulking.** All penetrations through the exterior wall envelope shall be caulked, flashed or sealed with an approved material

**R703.2 Weather Resistant sheathing paper.** Asphalt-saturated felt free from holes and breaks, weighing not less than 14 pounds per 100 square feet (0.683 kg/m<sup>2</sup>) and complying with ASTM D 226 or other approved weather-resistant material shall be applied over studs or sheathing of all exterior walls as required by Table R703.4. Such felt or material shall be applied horizontally, with the upper layer lapped over the lower layer not less than 2 inches (51 mm). Where joints occur, felt shall be lapped not less than 6 inches (152 mm).

Exception: Such felt or material is permitted to be omitted when used in the construction of detached accessory buildings.

### **R703.3. Wood, hardboard, and wood structural panel siding.**

**R703.3.1 Panel siding.** Joints in wood, hardboard or wood structural panel siding shall be made as follows unless otherwise approved. Vertical joints in panel siding shall occur over framing members, unless wood or wood structural panel sheathing is used, and shall be shiplapped or covered with a batten. Horizontal joints in panel siding shall be lapped a minimum of 1 inch (25.4 mm) or shall be shiplapped or shall be flashed with Z flashing and occur over solid blocking, wood or wood structural panel sheathing.

**R703.3.2 Horizontal siding.** Horizontal lap siding shall be lapped a minimum of 1 inch (25.4 mm) or 0.5 inch (12.7 mm) if rabbeted, and shall have the ends caulked, covered with a batten, or sealed and installed over a strip of flashing.

**R703.4 Attachments.** Unless specified otherwise, all wall coverings shall be securely fastened in accordance with Table R703.4 or with other approved aluminum, stainless steel, zinc coated or other approved corrosion-resistive fasteners.

**R703.5 Wood shakes and shingles.** Wood shakes and shingles shall conform to CSSB "Grading Rules for Wood Shakes and Shingles."

**R703.5.1 Application.** Wood shakes or shingles shall be applied either single-course or double-course over nominal ½ inch (12.7 mm) nominal nonwood sheathing. A weather-resistant permeable membrane shall be provided over all sheathing, with horizontal overlaps in the membrane of not less than 2 inches (51 mm) and vertical overlaps of not less than 6 inches (152 mm). Where furring strips are used, they shall be 1 inch by 3 inches or 1 inch by 4 inches (25.4 mm by 76 mm or 25.4 mm by 102 mm) and shall be fastened horizontally to the studs with 7d or 8d box nails and shall be spaced a distance on center equal to the actual weather exposure of the shakes or shingles, not to exceed the maximum exposure specified in Table R703.5.2. The spacing between adjacent shingles to allow for expansion shall not exceed ¼ inch (6.4 mm) and between adjacent shakes, it shall not exceed ½ inch (12.7 mm). The offset spacing between joints in adjacent courses shall be a minimum of 1-1/2 inches (38 mm).

**R703.5.2 Weather exposure.** The maximum weather exposure for shakes and shingles shall not exceed that specified in Table R703.5.2.

**R703.5.3 Attachment.** Each shake or shingle shall be held in place by two hot-dipped zinc-coated, stainless steel, or aluminum nails or staples. The fasteners shall be long enough to penetrate the sheathing or furring strips by a minimum of ½ inch (12.7 mm) and shall not be overdriven.

**R703.5.3.1 Staple attachment.** Staples shall not be less than 16 gage and shall have a crown width of not less than 7/16 inch (11.1 mm), and the crown of the staples shall be parallel with the butt of the shake or shingle. In single-course application, the fasteners shall be concealed by the course above and shall be driven approximately 1 inch (25.4 mm) above the butt line of the succeeding course and ¾ inch (19.1 mm) from the edge. In double-course applications, the exposed shake or shingle shall be face-nailed with two casing nails, driven approximately 2 inches (51 mm) above the butt line and ¾ inch (19.1 mm) from each edge. In all applications, staples shall be concealed by the course above. With shingles wider than 8 inches (203 mm) two additional nails shall be required and shall be nailed approximately 1 inch (25.4 mm) apart near the center of the shingle.

**R703.5.4 Bottom courses.** The bottom courses shall be doubled.

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## Vinyl Siding

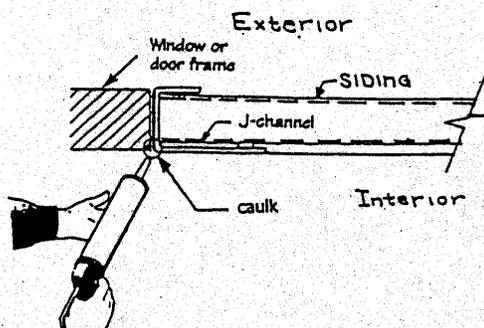
All vinyl siding installations must provide weathertight protection for the home. Wherever possible, flashing shall be applied around windows, doors, and other openings; inside and outside corners; and at the intersection of walls and roofing to prevent water infiltration.

In situations where flashing cannot be used, as with vinyl or aluminum windows and doors, all "J" channels must be "backcaulked" with an approved flexible caulk. This requires placing a bead of caulk down prior to installing the "J" channel.

Caulking after the "J" channel is installed will not be accepted.

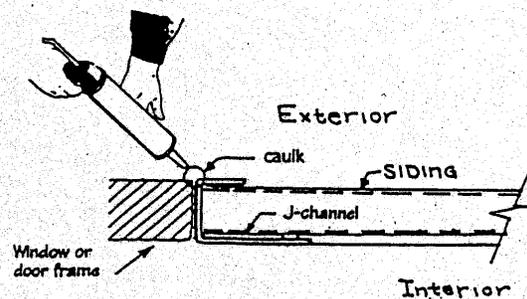
### Approved Method

"Backcaulk"



### Not Approved

"Surface caulking"



**Note! Be sure to re-attach the address to the house. Minimum 4" block numbers of contrasting color, visible from the street.**

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**SIDING/SOFFIT/FASCIA**

**PLEASE PRINT**

**Homeowner's Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Phone:** \_\_\_\_\_ **E-Mail:** \_\_\_\_\_

**Applicant's Name:** \_\_\_\_\_  
(If different from above)

**Phone:** \_\_\_\_\_ **E-Mail:** \_\_\_\_\_

**Please provide the Following:**

- Copy of contract signed by Homeowner**
- Homeowner's Association Approval (if applicable)**

**Please answer the following:**

**Estimated Value \$:** \_\_\_\_\_

**Material Type (Vinyl, Aluminum, Brick):** \_\_\_\_\_

**Brief description of work to be performed:** \_\_\_\_\_

**Work being performed by:**

- Homeowner**
- Contractor Info: Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Phone Number:** \_\_\_\_\_

**FOR OFFICIAL USE:**  
**PERMIT:** \$ \_\_\_\_\_  
**BOND:** \$ \_\_\_\_\_  
**TOTAL:** \$ \_\_\_\_\_