

City of Belvidere
BUILDING DEPARTMENT
401 Whitney Blvd. Suite 300 Belvidere, IL 61008 (815)-547-7177

Siding

These are some helpful tips for the process of replacing siding. This is not the entire code book and not all of the code sections are covered. These are some of the more important points. Please feel free to contact the City of Belvidere Building Department at 815-547-7177 if you have any questions.

Requirements for Siding permits

1. Documentation or drawings detailing the following:
 - The square footage of siding being replaced
 - The type of siding being installed
2. Owner's Name, Address, and Phone Number
3. Contractor(s) Name, Address, and Phone Number
4. Value of Construction

Minimum Requirements

All construction must comply with the adopted building codes which are as follows:
2015 International Residential Code for one and two family dwellings
2015 International Energy Conservation Code
2015 Northwest Illinois Regional Building Code

Special Considerations

Properties located in historical, landmark, or overlay districts are subject to review by either the city Planning Department or the Belvidere Historic Preservation Commission prior to permit issuance. If you are unsure if your property is located in one of the districts listed above, please contact the Department of Community Development at (815) 547-7177



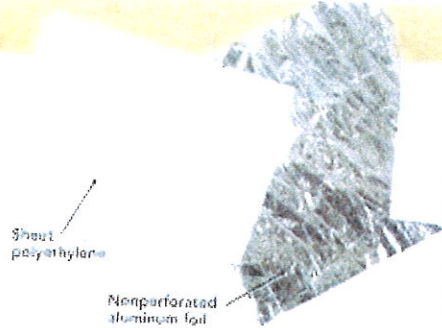
Energy Efficiency

The 2015 International Energy Conservation Code is an Illinois State wide adopted code. The exterior wall of any house requires a class I or II vapor barrier.

Class I: sheet polyethylene, or unperforated aluminum foil

Class I

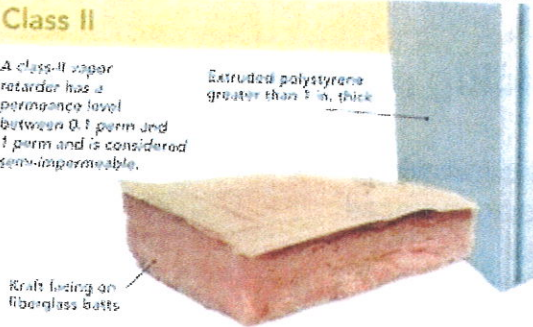
At times referred to as a vapor barrier, a class-I vapor retarder has a permeance level of 0.1 perm or less and is considered impermeable.



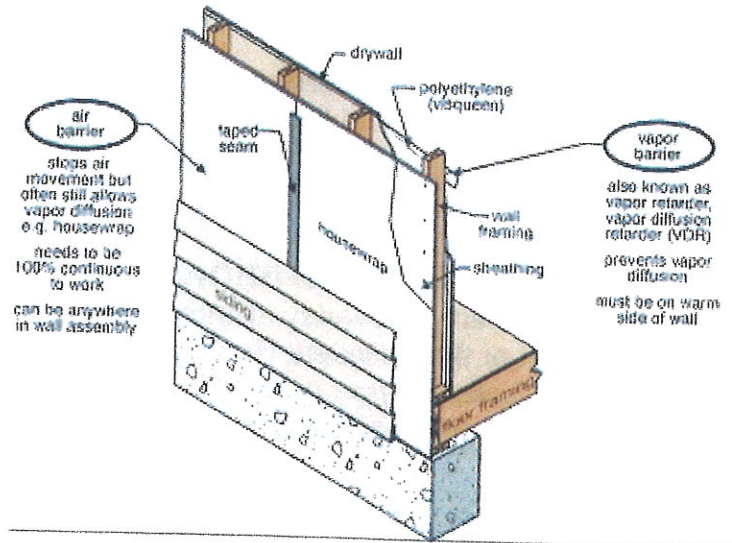
Class II: Kraft-faced fiberglass batts

Class II

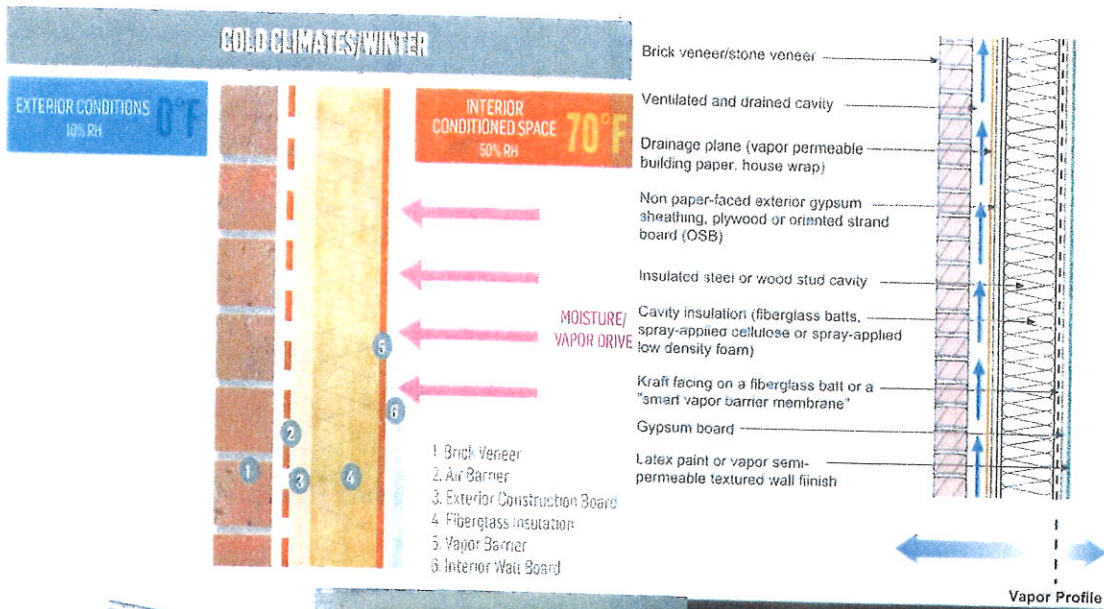
A class-II vapor retarder has a permeance level between 0.1 perm and 1 perm and is considered semi-impermeable.



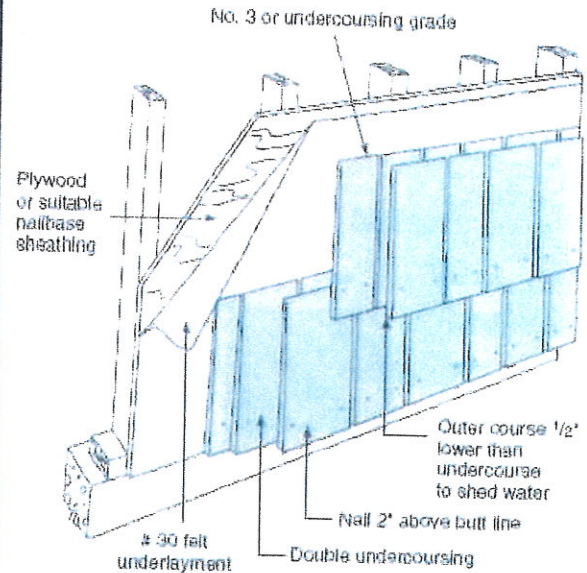
Air barrier versus vapor barrier



Masonry Siding



Wood Siding



Product Type	Nail Type and Min. Length for Single Coursing	Nail Type and Min. Length for Double Coursing
Certigrade, R&R and Sanded Shingles		
16" and 18" Shingles	3d box ($1\frac{1}{2}$ ")	5d box ($1\frac{3}{4}$ ") or same size casing nails
24" Shingles	4d box ($1\frac{1}{2}$ ")	5d box ($1\frac{3}{4}$ ") or same size casing nails
Certigroove Singles		
16" and 18" Shingles	3d box ($1\frac{1}{4}$ ")	5d box ($1\frac{3}{4}$ ")
24" Shingles	4d box ($1\frac{1}{2}$ ")	5d box ($1\frac{1}{2}$ ")
Certi-Split & Certi-Sawn Shakes		
16" Straight-Split Shakes	5d box ($1\frac{3}{4}$ ")	7d box ($2\frac{1}{8}$ ") or 8d box ($2\frac{1}{2}$ ")
18" and 24" Handsplit Shakes	6d box (2")	7d box ($2\frac{1}{8}$ ") or 8d box ($2\frac{1}{2}$ ")
24" Tapersplit Shakes	5d box ($1\frac{3}{4}$ ")	7d box ($2\frac{1}{8}$ ") or 8d box ($2\frac{1}{2}$ ")
16" and 24" Tapersawn Shakes	6d box (2")	7d box ($2\frac{1}{8}$ ") or 8d box ($2\frac{1}{2}$ ")



Vinyl Siding

