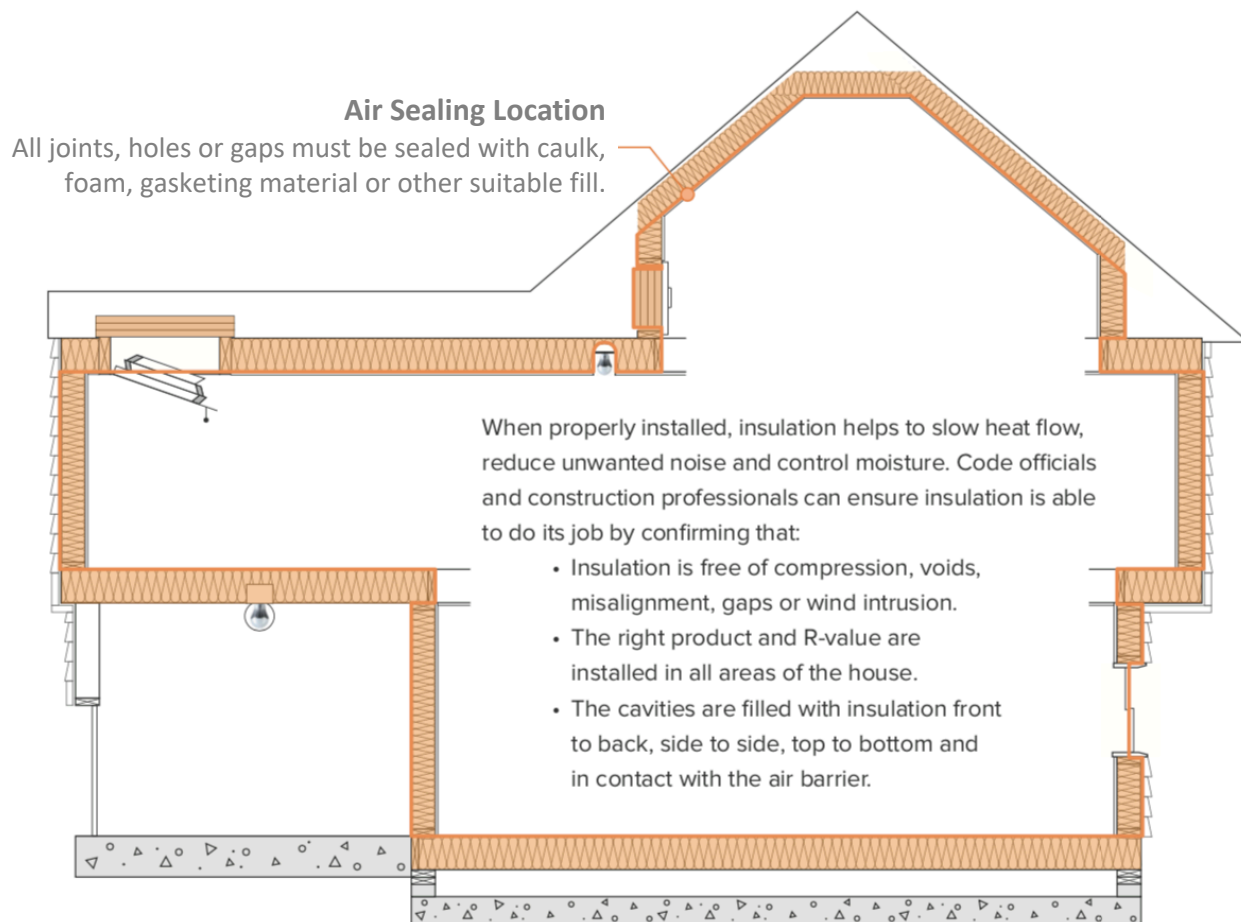


INSULATION INSTALLATION

Tips for Meeting Virginia Code

To meet the code-required R-values in Table 402.1.1, insulation must be installed per manufacturer's installation instructions. All manufacturers require that insulation be free of gaps, voids, misalignment, compression and wind intrusion.



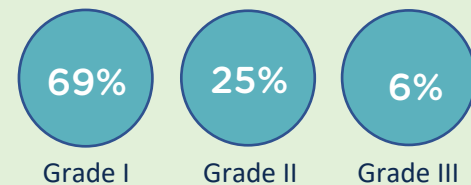
Baseline Field Study Results

Ceiling Insulation R-Value

VA Code: R-38
96% COMPLIANT

Ceiling Insulation Quality

19% COMPLIANT

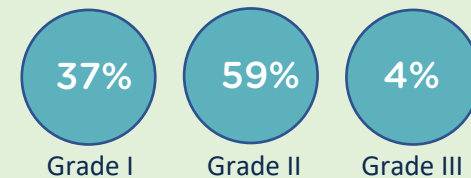


Wall Insulation R-Value

VA Code: R-15 or R-13 + 1
100% COMPLIANT

Wall Insulation Quality

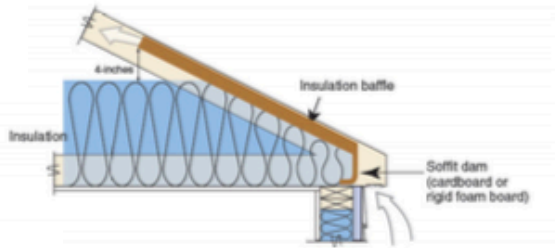
37% COMPLIANT



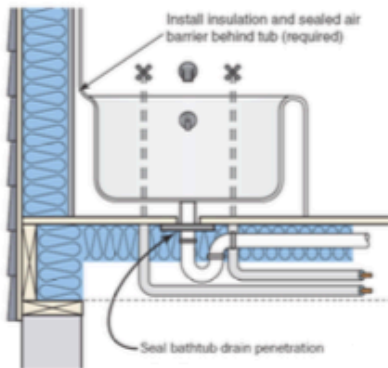
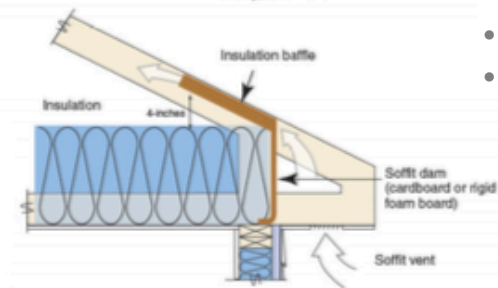
Grade 1: almost no gaps; Grade II: up to 2% gaps, compression or voids; Grade III: 2-5% gaps, compression or voids

Example Details

Standard Truss with tapered insulation depth



Energy Truss with full height insulation (recommended)



Inspecting Insulation

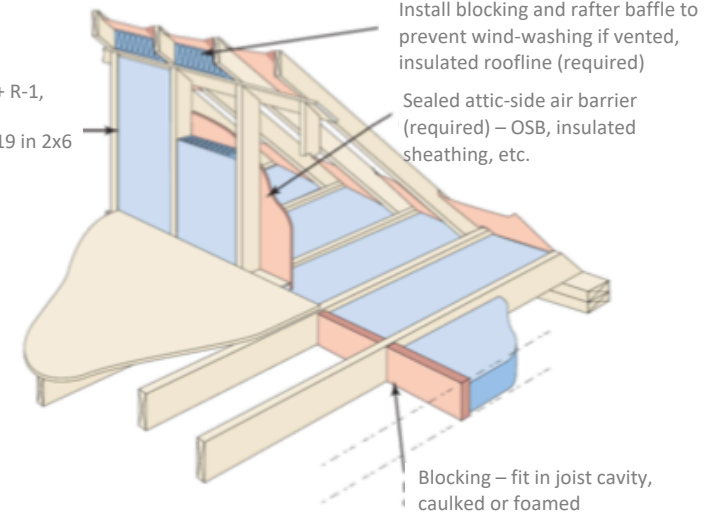
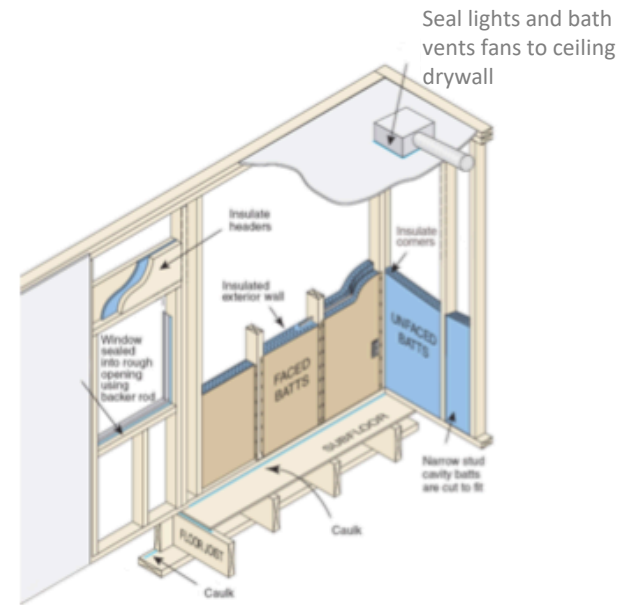
- Air sealing
- Baffling
- Obstructions
- Odd-sized cavities

Inspecting Insulation

- Tubs
- Showers
- Fireplaces
- Attic knee walls

Options:

- R-13 + R-1,
- R-15,
- Or R-19 in 2x6



Contact Viridiant with any questions or comments via: admin@viridiant.org or (804) 225-9843

