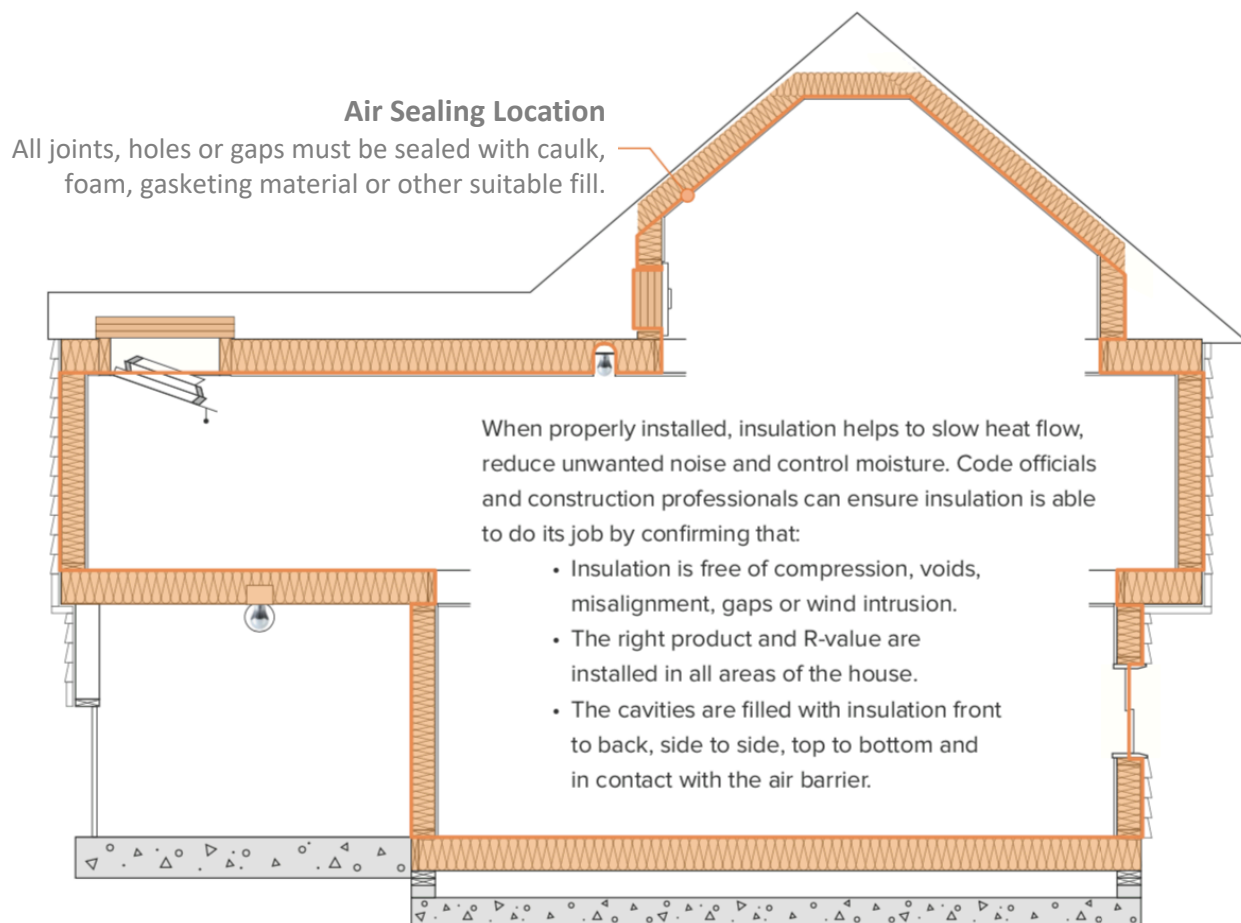


# INSULATION INSTALLATION

*Tips for Meeting Virginia Code*

To meet the code-required R-values in Table 402.1.2, insulation must be installed per manufacturer's installation instructions. All manufacturers require that insulation be free of gaps, voids, misalignment, compression and wind intrusion.



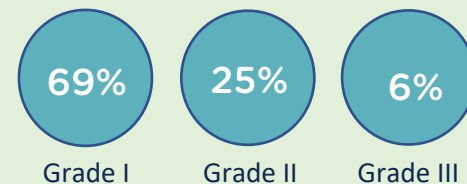
## Baseline Field Study Results

### Ceiling Insulation R-Value

VA Code: R-38  
96% COMPLIANT

### Ceiling Insulation Quality

69% COMPLIANT

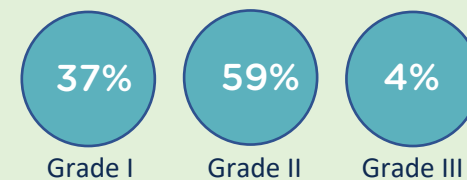


### Wall Insulation R-Value

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

### Wall Insulation Quality

37% COMPLIANT

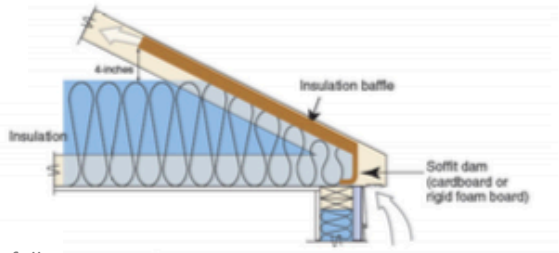


*Grade 1: almost no gaps; Grade II: up to 2% gaps, compression or voids; Grade III: 2-5% gaps, compression or voids*

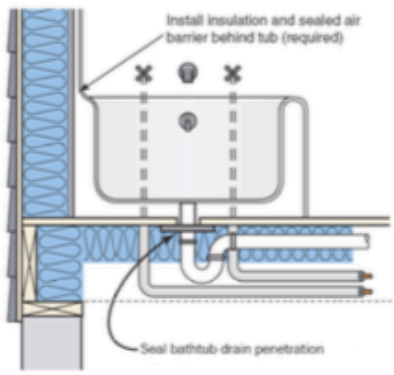
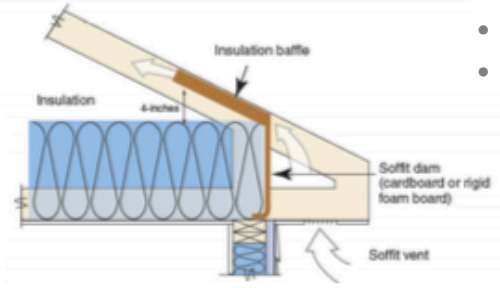
Seal lights and bath vents fans to ceiling drywall

# Example Details

Standard Truss with tapered insulation depth



Energy Truss with full height insulation (recommended)



## Inspecting Insulation

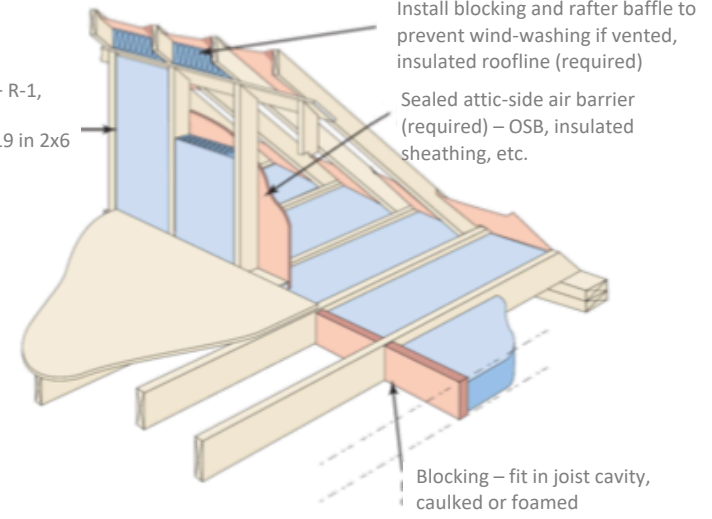
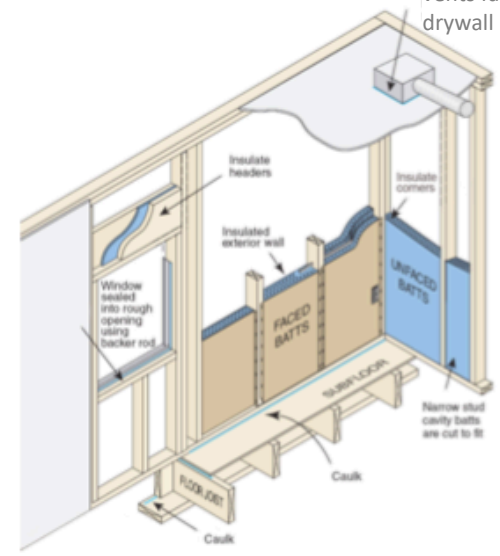
- Air sealing
- Baffling
- Obstructions
- Odd-sized cavities

## 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](mailto:admin@viridiant.org) or (804) 225-9843

