

## Section 1 - Weatherization Insulation and SWS Specs

All work must meet SWS minimum standards

### Attic Insulation

#### Unfinished Attic

*Open blown cellulose (including chimney barriers, and SWS attic access barriers extending 4" above settled insulation, insulation markers every 300 sq ft, & flagging of junction boxes)*

#### SWS Links

[4.0103.2 Accessible Attic - Loose Fill Installation](#)

[4.0103.4 Accessible Attic - Loose Fill Over Existing Insulation](#)

[4.0188.1 Radiant Barriers \(Chimney and Combustion Flue Vents\)](#)

[3.0102.1 Sealing Non-Insulation Contact \(IC\) Recessed Light](#)

| Measure Description | Unit | Price  | Instruction |
|---------------------|------|--------|-------------|
| R-19                | SF   | \$1.75 |             |
| R-30                | SF   | \$1.85 |             |
| R-38                | SF   | \$2.05 |             |
| R-49                | SF   | \$2.25 |             |

#### Unfinished Floored Attic

*Blown Cellulose (including chimney barriers, and SWS attic access barriers extending 4" above settled insulation, insulation markers every 300 sq ft, & flagging of junction boxes)*

#### SWS Links

[4.0103.6 Accessible Attic Storage Platform Floor—Dense Pack Insulation](#)

| Measure Description | Unit | Price | Instruction  |
|---------------------|------|-------|--|
| 2x4                 | SF   | \$2   | <b>Price - Dense Pack, per SF @1 inch thick/per Board Ft. Ceiling joists thickness: 2x4, 2x6, 2x8, or 2x10</b> |

|      |    |        |  |
|------|----|--------|--|
| 2x6  | SF | \$2.15 | <i>Price - Dense Pack, per SF @1 inch thick/per Board Ft. Ceiling joists thickness: 2x4, 2x6, 2x8, or 2x10</i> |
| 2x8  | SF | \$2.65 | <i>Price - Dense Pack, per SF @1 inch thick/per Board Ft. Ceiling joists thickness: 2x4, 2x6, 2x8, or 2x10</i> |
| 2x10 | SF | \$2.80 | <i>Price - Dense Pack, per SF @1 inch thick/per Board Ft. Ceiling joists thickness: 2x4, 2x6, 2x8, or 2x10</i> |

**Knee Wall Insulation**

**SWS Links**

[4.0104.2 Knee Wall - Batt Insulation](#)

[4.0104.1 Knee Wall - Dense Packing](#)

[4.0104.5 Knee Wall - SPF With No Existing Insulation](#)

| Measure Description | Unit | Price  | Instruction  |
|---------------------|------|--------|--|
| R-13                | SF   | \$2.40 | Fiberglass Batts (includes air barrier over fiberglass (tyvek or similar material)     |
| R-19                | SF   | \$2.70 | Fiberglass Batts (includes air barrier over fiberglass (tyvek or similar material)     |
| R-13                | SF   | \$3.15 | Blown Cellulose, Loose fill with netting (including support and attachment of netting) |
| R-19                | SF   | \$3.50 | Blown Cellulose, Loose fill with netting (including support and attachment of netting) |
| R-13 = 2" thick     | SF   | \$7    | Spray Foam - SPF (Fire Rated)  |

|                      |    |      |                                |
|----------------------|----|------|--------------------------------|
| R-22.75 = 3.5" thick | SF | \$10 | Spray Foam - SPF (Fire Rated)  |
| Tyvek                | SF | \$1  | Tyvek Over Existing Insulation |

### General Attic Preparation

SWS Links

[3.0102.1 Sealing Non-Insulation Contact \(IC\) Recessed Light](#)

| Measure Description                             | Unit | Price                      | Instruction  |
|---|------|----------------------------|--|
| Recessed Light Covers, Install action per spec. | EA   | \$55                       | 5/8 drywall air sealed enclosure or equal  |
| Chimney & Combustion Flues                      | N/A  | Include in Insulation Cost | having a height greater than the insulation to be installed will be constructed to ensure a 3" clearance between combustion flue vent and dam per spec (Should be metal) |

### Attic Ventilation

| Measure Description  | Unit | Price | Instruction                    |
|--|------|-------|--------------------------------|
| Install Chutes or Baffle Vents at eave edges in attic, per spec. | EA   | \$8   | Between all rafters or Trusses |
| Install Soffit Vents per spec.                                   | EA   | \$50  |                                |
| Ridge vent   | LF   | \$10  |                                |
| Gable vent   | EA   | \$105 |                                |
| Roof Can - slant back 50 SI                                      | EA   | \$87  |                                |
| Removal and disposal of ineffective insulation                   | SF   | \$1   |                                |

### Sill Insulation, "Sill Box, Rim Joist, Band Joist"

SWS Links

[4.0401 Band/Rim Joists Insulation](#)

| Measure Description | Unit | Price | Instruction |
|---------------------|------|-------|-------------|
|---------------------|------|-------|-------------|

|                                       |    |      |  |
|---------------------------------------|----|------|--|
| R-10+ (2") SPF fire-rated Class I ins | SF | \$10 | Fire retardant SPF, Closed Cell @ R-6.5/Inch |
|---------------------------------------|----|------|--|

### Foundation Wall Insulation

#### SWS Links

[4.0402 Foundation/Crawl Space—Wall Insulation](#)

| Measure Description                   | Unit | Price | Instruction                                  |
|---------------------------------------|------|-------|--|
| R-10+ (2") SPF fire-rated Class I ins | SF   | \$10  | Fire retardant SPF, Closed Cell @ R-6.5/Inch |

### Floor Insulation

#### SWS Links

[4.03 Floor System](#)

| Measure Description | Unit | Price  | Instruction  |
|---------------------|------|--------|--|
| R-19                | SF   | \$3    | Fiberglass Batts (includes retaining devise to keep insulation in place, air sealing bypasses, and proper fitting pieces & prep. |
| R-30                | SF   | \$4    | Fiberglass Batts (includes retaining devise to keep insulation in place, air sealing bypasses, and proper fitting pieces & prep. |
| R-38                | SF   | \$3.75 | Fiberglass Batts (includes retaining devise to keep insulation in place, air sealing bypasses, and proper fitting pieces & prep. |
| R-19 @ 3.5" Thick   | SF   | \$9.50 | Spray Foam (includes air sealing bypasses & prep)  |

|                 |    |        |  |
|-----------------|----|--------|--|
| R-30 @ 5" Thick | SF | \$14   | Spray Foam (includes air sealing bypasses & prep)  |
| R-38 @ 6" Thick | SF | \$16   | Spray Foam (includes air sealing bypasses & prep)  |
| R-19            | SF | \$3    | Blown Cellulose, Dense Pack enclosed bonus room floor over garage (includes air sealing bypasses & prep) |
| R-30            | SF | \$3.50 | Blown Cellulose, Dense Pack enclosed bonus room floor over garage (includes air sealing bypasses & prep) |
| R-38            | SF | \$4    | Blown Cellulose, Dense Pack enclosed bonus room floor over garage (includes air sealing bypasses & prep) |

## Wall Insulation

### SWS Links

[4.02 Dense Pack Exterior Walls](#)

| Measure Description | Unit | Price  | Instruction   |
|---------------------|------|--------|---|
| R-13, 2x4 Filled    | SF   | \$2.50 | Blown Cellulose, Dense Packed (includes air sealing of all bypasses including but not limited to tops and bottoms of balloon framing) |
| R-19, 2x6 Filled    | SF   | \$2.70 | Blown Cellulose, Dense Packed (includes air sealing of all bypasses including but not limited to tops and bottoms of balloon framing) |

|  |    |        |   |
|--|----|--------|---|
| R-13, 2x4 Filled (Brick and interior blow) | SF | \$3.00 | Blown Cellulose, Dense Packed (includes air sealing of all bypasses including but not limited to tops and bottoms of balloon framing)         |
| R-19, 2x6 Filled (Brick)                   | SF | N/A    | Blown Cellulose, Dense Packed (includes air sealing of all bypasses including but not limited to tops and bottoms of balloon framing)         |
| 2x4 Filled                                 | SF |        | Spray Foam - 3" Thick, Injection Foam (includes air sealing of all bypasses including but not limited to tops and bottoms of balloon framing) |

**Duct Insulation, Rigid metal duct in unconditioned space**

**SWS Links**

[6.0302.1 Insulating Ducts](#)

| Measure Description  | Unit | Price | Instruction                                   |
|----------------------|------|-------|---|
| R-8+ Duct Insulation | SF   | \$7   | Spray foam, fiberglass with vapor barrier, or |