

Insulation



Accessories

Things to Consider



In-Home Insulation Job Materials Estimation Guide

Please complete this form to properly estimate a home for re-insulation.

ProCat™ Professional Loosefill Insulation

1. Total desired insulation R-value (from DOE map on back): _____
2. Total inches to achieve desired R-value (from coverage chart on back): _____
3. Measured existing insulation (in inches): _____
4. Additional insulation inches needed (total – existing): _____
5. Measured attic floor area (in square feet): _____
6. Square feet per bag at needed inches (see coverage chart on back): _____
7. Number of bags needed (attic floor area / square feet per bag): _____

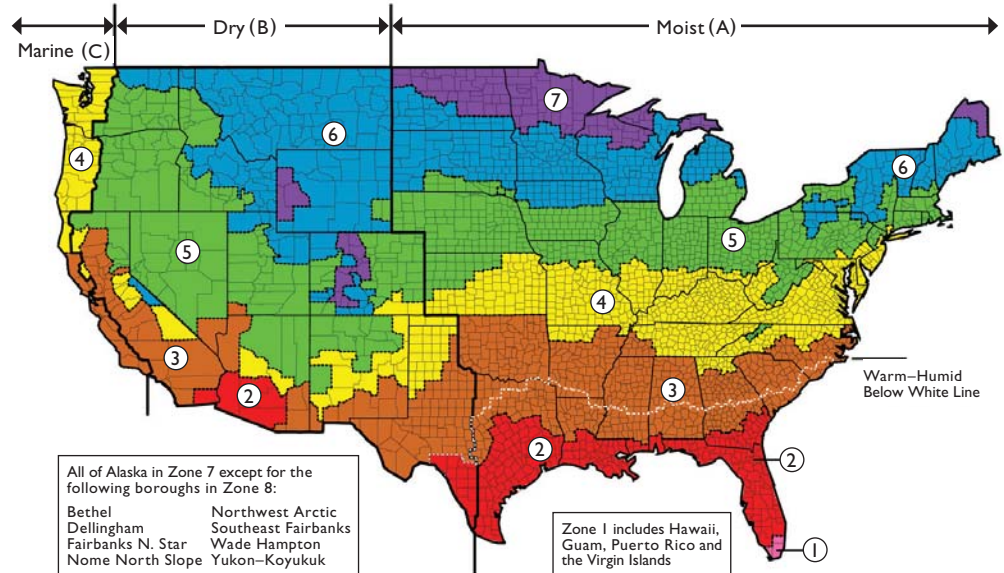
Accessories

8. Number of raft-R-mate® vent baffles needed: _____
 - 1 for every 24" rafter cavity
 - 0.5 for every 16" rafter cavity
9. Number of attic access openings to be insulated
 - a. Hatches: _____
 - b. Stairs: _____
10. Number of recessed light fixtures to be covered: _____
11. Number of bath fan exhausts routed to exterior: _____
12. Rigid Barrier around attic access or HVAC platform (in feet) _____
13. Air Sealing
 - a. Wire Penetrations that require sealing: _____
 - b. Chimney: _____
 - c. Chase: _____
 - d. Drop Down Soffits: _____
 - e. Other (specify) _____

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United States Department of Energy Recommendations

The U.S. Department of Energy recommends a minimum of R-30 in the attic. Depending on where you live, however, you may need a higher R-value. The chart below illustrates what is recommended for your zone.



The new Department of Energy map recommends a range of R-values up to R-60. The previous recommendation for most zones was up to R-49.

Attic

Min. Net Bag Wt. 33.5 lbs.

R-value	No. Bags per 1000 Sq Ft	Maximum Net Coverage (Sq Ft)	Minimum Weight per (Sq Ft)	Initial Installed Thickness (Inches)	Minimum Settled Thickness (Inches)
13	5.1	198.0	0.169	4.75	4.75
15	5.9	168.5	0.199	5.50	5.50
18	7.1	139.9	0.239	6.50	6.50
19	7.8	128.7	0.260	7.00	7.00
20	8.1	123.7	0.271	7.25	7.25
22	9.0	110.6	0.303	8.00	8.00
24	9.7	103.1	0.325	8.50	8.50
25	10.4	96.5	0.347	9.00	9.00
28	11.7	85.4	0.393	10.00	10.00
30	12.4	80.6	0.416	10.50	10.50
32	13.5	74.2	0.451	11.25	11.25
34	14.2	70.5	0.475	11.75	11.75
36	15.3	65.4	0.512	12.50	12.50
38	16.4	60.9	0.550	13.25	13.25
40	17.2	58.2	0.575	13.75	13.75
42	18.3	54.5	0.614	14.50	14.50
44	19.1	52.3	0.641	15.00	15.00
46	20.3	49.2	0.681	15.75	15.75
48	21.1	47.3	0.708	16.25	16.25
49	21.5	46.4	0.722	16.50	16.50
50	22.0	45.5	0.736	16.75	16.75
52	23.2	43.1	0.778	17.50	17.50
54	24.1	41.6	0.806	18.00	18.00
56	25.4	39.4	0.849	18.75	18.75
58	26.2	38.1	0.879	19.25	19.25
60	27.1	36.9	0.908	19.75	19.75

Know Your R-value

Insulating performance is measured by a common standard referred to as the R-value. R-value measures resistance to heat flow and is usually determined by the thickness of the insulation. The higher the R-value, the greater the insulating power.

Zone	Add Insulation to Attic	
	Uninsulated Attic	Existing 3-4" of insulation
1	R-30 to R-49	R-25 to R-30
2	R-30 to R-60	R-25 to R-38
3	R-30 to R-60	R-25 to R-38
4	R-38 to R-60	R-38
5-7	R-49 to R-60	R-38 to R-49



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