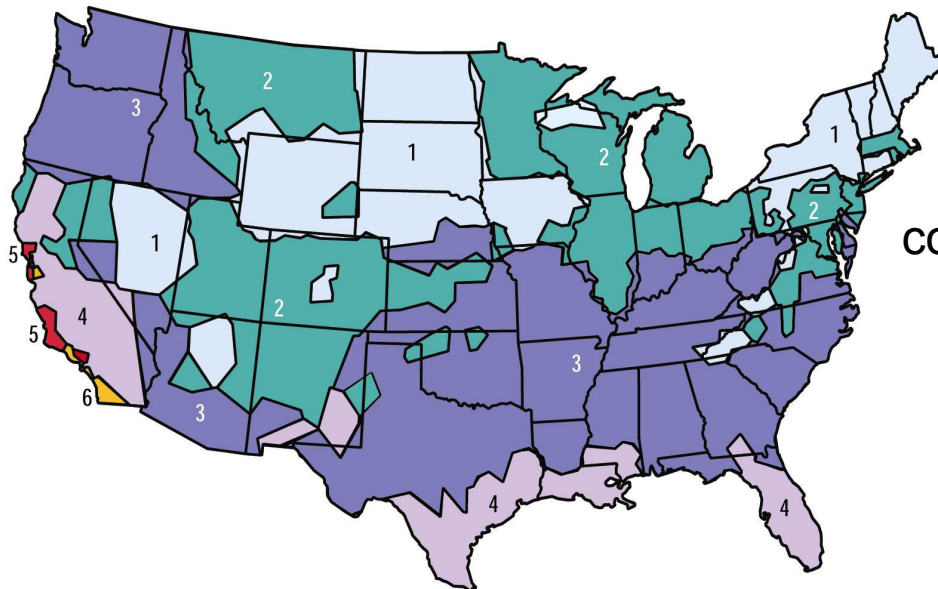


U.S. Department of Energy Recommended* Total R-Values

U.S. Department of Energy Recommended* Total R-Values
for New Construction Houses in Six Insulation Zones



These recommendations are cost-effective levels of insulation based on the best available information on local fuel material costs and weather conditions.

For more information, see:

- Department of Energy Insulation Fact Sheet (D.O.E./CE-0180).
- Energy Efficiency and Renewable Energy Clearinghouse, P.O. Box 3048, Merrifield, VA 22116; phone: 800-363-3732; web: www.eere.energy.gov/
- Department of Energy - Energy Savers http://www.eere.energy.gov/consumerinfo/energy_savers/insulation.htm
- Or contact Applegate Insulation® toll free at 800-627-7536 or on their website www.applegateinsulation.com.

Zone	Gas	Heat pump	Fuel oil	Electric furnace	Ceiling		Wall	Floor	Crawl space	Slab edge	Basement	
					Attic	Cathedral					Interior	Exterior
1	✓	✓	✓		R-49	R-38	R-18	R-25	R-19	R-8	R-11	R-10
1				✓	R-49	R-60	R-28	R-25	R-19	R-8	R-19	R-15
2	✓	✓	✓		R-49	R-38	R-18	R-25	R-19	R-8	R-11	R-10
2				✓	R-49	R-38	R-22	R-25	R-19	R-8	R-19	R-15
3	✓	✓	✓	✓	R-49	R-38	R-18	R-25	R-19	R-8	R-11	R-10
4	✓	✓	✓		R-38	R-38	R-13	R-13	R-19	R-4	R-11	R-4
4				✓	R-49	R-38	R-18	R-25	R-19	R-8	R-11	R-10
5	✓				R-38	R-30	R-13	R-11	R-13	R-4	R-11	R-4
5		✓	✓		R-38	R-38	R-13	R-13	R-19	R-4	R-11	R-4
5				✓	R-49	R-38	R-18	R-25	R-19	R-8	R-11	R-10
6	✓				R-22	R-22	R-11	R-11	R-11	(C)	R-11	R-4
6		✓	✓		R-38	R-30	R-13	R-11	R-13	R-4	R-11	R-4
6				✓	R-49	R-38	R-18	R-25	R-19	R-8	R-11	R-10

(C) No slab edge insulation is recommended