

Energy Conservation Code Certificate

Climate Zone 6A
New Gloucester, ME

Energy Check

Helpful Information

Two Copies of this Energy form must be completed. Homeowner copy is to remain near the electrical panel, and the second needs to be filed with the Code Enforcement officer.

GENERAL INFORMATION

- Two Copies of this Energy form must be completed. Homeowner copy is to remain near the electrical panel, and the second needs to be filed with the Code Enforcement officer.
- Thickness of blown in attic insulation should be written on trusses every 300 sq. ft.
- A Continuous Vapor Barrier required under all concrete slabs
- An exterior Continuous Vapor Barrier required behind all vinyl and hard board siding
- A reduction to R-30 insulation is permitted for Cathedral Ceilings whose area is the lesser of 500 sf. or 20% of the total insulated ME area. Cathedral Ceilings of greater square footage are required to have R-49 insulation.
- Attic Hatches must be R-49 and air sealed
- Decorative Windows of up to a total of 15 sf. are exempt from the U-Factor requirement. (stained glass, etc.)
- A total of 24 Sq. Ft. of Hinged Access Door area is exempt from manufactured door energy standards.
- A Three Season Room requires R-24 in ceiling and R-13 in walls
- Hot Water and Heat Pipes require a minimum of R-2 pipe insulation
- Duct Work in attics requires R-8, and R-6 at all other locations.

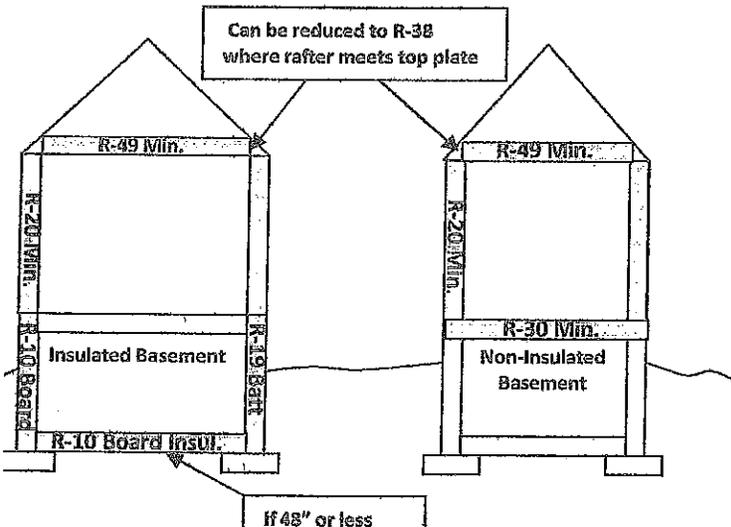
NOTE: Continuous Vapor Barrier requires a 6" overlap and tape at joints

Minimum Insulating Requirements

U-Factor	R-Value	
Glass	.35	Ceiling R-49
Skylight	.60	Wall R-20
		Floor R-30
		Under slab R-10
R-Value	Min.	w/ Continuous Foam
Foundation wall	R-19	R-15
Basement wall	R-19	R-15
Crawl space	R-10	R-13

R-Values / Inch

Dense pack	R-5	Open cell spray	R-7
Loose Fill(cellulose)	R-3.7	Closed cell spray	R-5.6
Fiberglass Batt	R-3.14	XPS(Pink)	R-5
Rock Wool Batt	R-3.85	EPS(blue)	R-4.4
Cotton Batt	R-3.7	Foil faced board	R-7



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Basement (if insulated)

- Under slab insulation R-10
- Exterior
 - Foam Board R-15
- Interior
 - Foam board R-15
 - Batt R-19

Floor system (un-insulated basement)

NOTE: Floor System must be fire rated or protected (driveway, sprinklers)

- open cell spray foam R-30
- closed cell spray foam R-30
- Roxul R-30
- Fiberglass batts R-30
- Dense pack loose fill R-30

Exterior Walls

- Exterior foam board R-20
- interior foam board R-20
- open cell spray foam R-20
- closed cell spray foam R-20
- Roxul R-20
- Fiberglass batts R-20
- Dense pack loose fill R-20

Ceiling /Attic

- Foam board R-49
- Spray foam R-49
- Open cell R-49
- Closed cell R-49
- Fiberglass batt R-49
- Blown in R-49
- Loose fill R-49
- Dense pack R-49

Window Inventory	
U-Factor 35 Compliant Windows	
Enter the total number of compliant windows installed →	
U-Factor Non-Compliant Windows	
Window Location	Window Square Footage
U-Factor Non-Compliant Windows Total Square Feet →	