

Maine Uniform Energy Code (2009 IECC) Residential Energy Code Compliance Path Options—Climate Zones 6&7

In Accordance with the Maine Uniform Energy Code (2009 International Energy Conservation Code), Projects shall comply with Sections identified as "mandatory" and with either sections identified as "prescriptive" or the "performance" approach in section R405.



Prescriptive R-Value

Table 402.1.1 Insulation and Fenestration Requirements by Component

CLIMATE ZONE	FENESTRATION U-FACTOR ^b	SKYLIGHT ^b U-FACTOR	GLAZED FENESTRATION SHGC ^b	CEILING R-VALUE	WOOD FRAME WALL R-VALUE	MASS WALL R-VALUE ^c	FLOOR R-VALUE	BASEMENT ^e WALL R-VALUE	SLAB ^d R-VALUE & DEPTH	CRAWL SPACE ^e WALL R-VALUE
6	0.35	0.60	NR	49	20or 13+5 ^b	15/19	30g	15/19	10, 4ft	10/13
7	0.35	0.60	NR	49	21	19/21	38g	15/19	10, 4ft	10/13

Prescriptive U-Value

R19 Minimum as Space Allows

Table 402.1.3 Equivalent U-Factors

CLIMATE ZONE	FENESTRATION U-FACTOR	SKYLIGHT U-FACTOR	CEILING U-FACTOR	FRAME WALL U-FACTOR	MASS WALL U-FACTOR ^b	FLOOR U-FACTOR	BASEMENT WALL U-FACTOR	CRAWL SPACE WALL U-FACTOR
6	0.35	0.60 ^c	0.026	0.057	0.060	0.033	0.050	0.065
7	0.35	0.60	0.026	0.057	0.057	0.028	0.050	0.065

Prescriptive UA Alternative - Must submit compliance documentation.

Performance Option 405:
Performance-based compliance using simulated energy performance analysis...proposed design is ≤ the annual energy cost of the standard reference design.
Such analysis includes heating, cooling and service water heating energy only.

Complete Table 402.4.2 Checklist Inspections

AND/OR

Blower Door Testing Option 402.4.2.1

Duct Leakage Testing 403.2.2 Mandatory

Meets or Exceeds 2009 IECC

*NOTE: This document is only a guide for meeting IECC 2009, contact your local building official for further guidance.

