

# State Maps and Prescriptive Packages

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**April 2000**

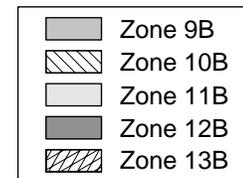
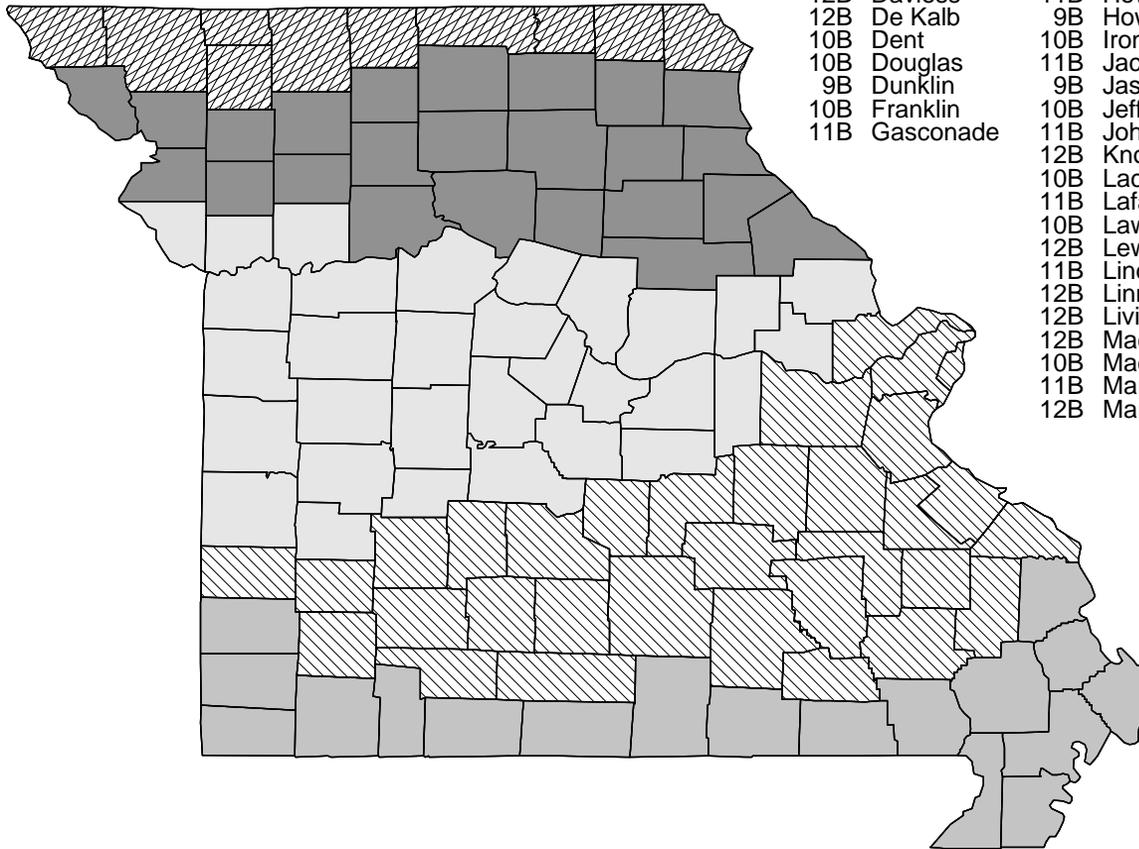
The State Maps and Prescriptive Packages contain supporting materials that are needed when using the Envelope and Mechanical Compliance Guides. Insulation and other building envelope requirements and some mechanical system requirements vary by climate. The State Maps divide the United States into 33 different climate zones at a county level. Zones are numbered from 1 through 19 (consistent with the IECC and MEC*check* climate zones) and have a, b, and c designations to reflect climate differences that affect cooling; e.g., cooling degree days and solar radiation. The climate maps are unchanged from Version 1.

To determine the climate zone to use with your building, locate the map for your state and identify the zone number from the legend or county list.

To determine insulation and other building envelope requirements, find the prescriptive package number corresponding to your climate zone. The *Envelope Compliance Guide* employs a package approach that requires all components in your design to meet or exceed the prescribed efficiency levels contained in the prescriptive package. If you find the prescriptive packages too constraining, consider using the COM*check-EZ* software, which allows tradeoffs among building envelope components.

# MISSOURI

Zone	County	Zone	County	Zone	County	Zone	County	Zone	County	Zone	County	Zone	County	Zone	County		
12B	Adair	11B	Bates	12B	Caldwell	10B	Carter	11B	Clay	13B	Gentry	9B	McDonald	10B	Reynolds		
12B	Andrew	11B	Benton	11B	Callaway	11B	Cass	12B	Clinton	10B	Greene	13B	Mercer	9B	Ripley		
13B	Atchison	10B	Bollinger	11B	Camden	11B	Cedar	11B	Cole	12B	Grundy	11B	Miller	11B	Saline		
12B	Audrain	11B	Boone	9B	Cape Girardeau	12B	Chariton	11B	Cooper	13B	Harrison	9B	Mississippi	13B	Schuyler		
9B	Barry	12B	Buchanan	12B	Carroll	10B	Christian	10B	Crawford	11B	Henry	11B	Moniteau	13B	Scotland		
10B	Barton	9B	Butler			13B	Clark	10B	Dade	11B	Hickory	12B	Monroe	9B	Scott		
								10B	Dallas	12B	Holt	11B	Montgomery	10B	Shannon		
								12B	Daviess	11B	Howard	11B	Morgan	12B	Shelby		
								12B	De Kalb	9B	Howell	9B	New Madrid	10B	St Charles		
								10B	Dent	10B	Iron	9B	Newton	11B	St Clair		
								10B	Douglas	11B	Jackson	13B	Nodaway	10B	St Francois		
								9B	Dunklin	9B	Jasper	9B	Oregon	10B	St Louis		
								10B	Franklin	10B	Jefferson	11B	Osage	10B	St Louis City		
								11B	Gasconade	11B	Johnson	9B	Ozark	10B	Ste Genevieve		
										12B	Knox	9B	Pemiscot	9B	Stoddard		
										10B	Laclede	10B	Perry	9B	Stone		
										11B	Lafayette	11B	Pettis	12B	Sullivan		
										10B	Lawrence	10B	Phelps	9B	Taney		
										12B	Lewis	12B	Pike	10B	Texas		
										11B	Lincoln	11B	Platte	11B	Vernon		
										12B	Linn	10B	Polk	11B	Warren		
										12B	Livingston	10B	Pulaski	10B	Washington		
										12B	Macon	13B	Putnam	10B	Wayne		
										10B	Madison	12B	Ralls	10B	Webster		
										11B	Maries	12B	Randolph	13B	Worth		
										12B	Marion	11B	Ray	10B	Wright		



COMcheck-EZ™ Prescriptive Packages

Climate Zone 9b

Envelope Component	Low Fenestration Area (0-10% Window-Wall Ratio)			Medium Fenestration Area (10%-25% Window-Wall Ratio)			High Fenestration Area (25%-40% Window-Wall Ratio)			Very High Fenestration Area (40%-50% Window-Wall Ratio)		
	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing
<b>Walls (a,b)</b>												
Framed <i>Minimum Cavity R-Value (c)</i>	NA	11	11	NA	11	11	NA	13	11	NA	13	13
Any Spacing <i>Minimum Continuous R-Value (d)</i>	NA	0	0	NA	0	0	NA	0	0	NA	5	3
CMU, 8 in. or greater <i>Minimum Cavity R-Value</i>	NA	11	11	NA	11	11	NA	11	11	NA	11	11
with Integral Insulation(e) <i>Minimum Continuous R-Value</i>	5	0	0	5	0	0	5	0	0	5	0	0
All Other <i>Minimum Cavity R-Value</i>	NA	11	11	NA	11	11	NA	13	11	NA	13	11
Masonry Walls(f) <i>Minimum Continuous R-Value</i>	5	0	0	5	0	0	6	0	0	6	0	0
<b>Windows</b>												
<i>Maximum Solar Heat Gain Coefficient</i>	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection
<i>Maximum U-Factor</i>	Any	Any	Any	0.5	0.6	0.7	0.4	0.5	0.6	0.3	0.4	0.5
	Any	Any	Any	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
<b>Skylight (Limit 3% of Roof Area)</b>												
<i>Maximum U-Factor</i>	0.8			0.8			0.8			0.8		
<b>Roof</b>												
All-Wood Joist/Truss <i>Minimum R-Value</i>	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation
Nonwood Joist/Truss <i>Minimum R-Value</i>	15		19	19		25	19		25	19		25
Concrete Slab or Deck <i>Minimum R-Value</i>	16		19	20		25	20		25	20		25
Metal Purlin with Thermal Break <i>Minimum R-Value</i>	15		NA	19		NA	19		NA	19		NA
Metal Purlin without Thermal Break <i>Minimum R-Value</i>	16		25	20		30	20		30	20		30
	16		X	20		X	20		X	20		38
<b>Floor</b>												
All-Wood Joist/Truss <i>Minimum R-Value</i>	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation
Nonwood Joist/Truss <i>Minimum R-Value</i>	11		13	11		13	11		13	11		13
Concrete Slab or Deck <i>Minimum R-Value</i>	12		13	12		13	12		13	12		13
	12		NA	12		NA	12		NA	12		NA
<b>Slab Edge or Basement Walls</b>												
<i>Minimum R-Value</i>	Insulation			Insulation			Insulation			Insulation		
	0			0			0			0		

Notes:

- (a) For walls next to unconditioned spaces, use the Low Fenestration Area wall requirements.
- (b) Where values are shown for both cavity and continuous insulation, both requirements must be met.
- (c) Cavity insulation is insulation between framing members or furring strips and does not refer to integral insulation in CMUs.
- (d) Continuous insulation is insulation that is continuous across structural members, and its effectiveness is undiminished by compression or bridging.
- (e) Integral insulation in concrete masonry units may be perlite, vermiculite, or other insulating material. Minimum R-values are in addition to insulation in CMU voids.

- (f) Use of the Other Masonry Walls category is restricted to walls weighing 35 lb/ft2 or more; lightweight masonry veneers and unfilled CMUs <8 in. in thickness do not qualify.

- "NA" indicates the category is not applicable.
- A minimum R-value of zero indicates no insulation is required.
- "Any" indicates any available product will comply.
- "X" indicates no complying option exists in the prescriptive packages.

COMcheck-EZ™ Prescriptive Packages

Climate Zone 10b

Envelope Component	Low Fenestration Area (0-10% Window-Wall Ratio)			Medium Fenestration Area (10%-25% Window-Wall Ratio)			High Fenestration Area (25%-40% Window-Wall Ratio)			Very High Fenestration Area (40%-50% Window-Wall Ratio)		
	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing
<b>Walls (a)</b>												
Framed Any Spacing <i>Minimum R-Value</i>	NA	11	11	NA	11	11	NA	11	11	NA	11	11
CMU, 8 in. or greater with Integral Insulation(b) <i>Minimum R-Value</i>	5	11	11	5	11	11	5	11	11	5	11	11
All Other Masonry Walls(c) <i>Minimum R-Value</i>	5	11	11	5	11	11	5	11	11	5	11	11
<b>Windows</b>												
<i>Maximum Solar Heat Gain Coefficient</i>	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection
<i>Maximum U-Factor</i>	Any	Any	Any	0.5	0.6	0.7	0.4	0.5	0.6	0.3	0.4	0.5
	Any	Any	Any	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
<b>Skylight (Limit 3% of Roof Area)</b>												
<i>Maximum U-Factor</i>	0.8			0.8			0.8			0.8		
<b>Roof</b>	Continuous Insulation or Roof Cavity Insulation			Continuous Insulation or Roof Cavity Insulation			Continuous Insulation or Roof Cavity Insulation			Continuous Insulation or Roof Cavity Insulation		
All-Wood Joist/Truss <i>Minimum R-Value</i>	17		19	19		25	19		25	19		25
Nonwood Joist/Truss <i>Minimum R-Value</i>	18		25	20		25	20		25	20		25
Concrete Slab or Deck <i>Minimum R-Value</i>	17		NA	19		NA	19		NA	19		NA
Metal Purlin with Thermal Break <i>Minimum R-Value</i>	18		30	20		30	20		30	20		30
Metal Purlin without Thermal Break <i>Minimum R-Value</i>	18		X	20		X	20		X	20		30
<b>Floor</b>	Continuous Insulation or Cavity Insulation			Continuous Insulation or Cavity Insulation			Continuous Insulation or Cavity Insulation			Continuous Insulation or Cavity Insulation		
All-Wood Joist/Truss <i>Minimum R-Value</i>	12		19	12		19	12		19	12		19
Nonwood Joist/Truss <i>Minimum R-Value</i>	13		19	13		19	13		19	13		19
Concrete Slab or Deck <i>Minimum R-Value</i>	13		NA	13		NA	13		NA	13		NA
<b>Slab Edge or Basement Walls</b>	Insulation											
<i>Minimum R-Value</i>	0											

Notes:

- (a) For walls next to unconditioned spaces, use the Low Fenestration Area wall requirements.
- (b) Integral insulation in concrete masonry units may be perlite, vermiculite, or other insulating material. Minimum R-values are in addition to insulation in CMU voids.
- (c) Use of the Other Masonry Walls category is restricted to walls weighing 35 lb/ft2 or more; lightweight masonry veneers and unfilled CMUs <8 in. in thickness do not qualify.

- "NA" indicates the category is not applicable.
- A minimum R-value of zero indicates no insulation is required.
- "Any" indicates any available product will comply.
- "X" indicates no complying option exists in the prescriptive packages.

COMcheck-EZ™ Prescriptive Packages

Climate Zone 11b

Envelope Component	Low Fenestration Area (0-10% Window-Wall Ratio)			Medium Fenestration Area (10%-25% Window-Wall Ratio)			High Fenestration Area (25%-40% Window-Wall Ratio)			Very High Fenestration Area (40%-50% Window-Wall Ratio)		
	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing
<b>Walls (a,b)</b>												
Framed <i>Minimum Cavity R-Value (c)</i>	NA	11	11	NA	11	11	NA	11	11	NA	13	11
Any Spacing <i>Minimum Continuous R-Value (d)</i>	NA	0	0	NA	0	0	NA	0	0	NA	3	0
CMU, 8 in. or greater <i>Minimum Cavity R-Value</i>	NA	11	11	NA	11	11	NA	11	11	NA	11	11
with Integral Insulation(e) <i>Minimum Continuous R-Value</i>	5	0	0	5	0	0	5	0	0	5	0	0
All Other <i>Minimum Cavity R-Value</i>	NA	11	11	NA	11	11	NA	11	11	NA	11	11
Masonry Walls(f) <i>Minimum Continuous R-Value</i>	5	0	0	5	0	0	5	0	0	5	0	0
<b>Windows</b>												
<i>Maximum Solar Heat Gain Coefficient</i>	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection
<i>Maximum U-Factor</i>	Any	Any	Any	0.5	0.6	0.7	0.4	0.5	0.6	0.3	0.4	0.5
	Any	Any	Any	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
<b>Skylight (Limit 3% of Roof Area)</b>												
<i>Maximum U-Factor</i>	0.8			0.8			0.8			0.8		
<b>Roof</b>	Continuous Insulation or Roof Cavity Insulation			Continuous Insulation or Roof Cavity Insulation			Continuous Insulation or Roof Cavity Insulation			Continuous Insulation or Roof Cavity Insulation		
All-Wood Joist/Truss <i>Minimum R-Value</i>	18		25	19		25	23		30	23		30
Nonwood Joist/Truss <i>Minimum R-Value</i>	19		25	20		25	24		30	24		30
Concrete Slab or Deck <i>Minimum R-Value</i>	18		NA	19		NA	23		NA	23		NA
Metal Purlin with Thermal Break <i>Minimum R-Value</i>	19		30	20		30	24		X	24		30
Metal Purlin without Thermal Break <i>Minimum R-Value</i>	19		X	20		X	24		X	24		38
<b>Floor</b>	Continuous Insulation or Cavity Insulation			Continuous Insulation or Cavity Insulation			Continuous Insulation or Cavity Insulation			Continuous Insulation or Cavity Insulation		
All-Wood Joist/Truss <i>Minimum R-Value</i>	14		19	14		19	14		19	14		19
Nonwood Joist/Truss <i>Minimum R-Value</i>	15		19	15		19	15		19	15		19
Concrete Slab or Deck <i>Minimum R-Value</i>	15		NA	15		NA	15		NA	15		NA
<b>Slab Edge or Basement Walls</b>	Insulation											
<i>Minimum R-Value</i>	0			0			8			8		

Notes:

- (a) For walls next to unconditioned spaces, use the Low Fenestration Area wall requirements.
- (b) Where values are shown for both cavity and continuous insulation, both requirements must be met.
- (c) Cavity insulation is insulation between framing members or furring strips and does not refer to integral insulation in CMUs.
- (d) Continuous insulation is insulation that is continuous across structural members, and its effectiveness is undiminished by compression or bridging.
- (e) Integral insulation in concrete masonry units may be perlite, vermiculite, or other insulating material. Minimum R-values are in addition to insulation in CMU voids.

- (f) Use of the Other Masonry Walls category is restricted to walls weighing 35 lb/ft<sup>2</sup> or more; lightweight masonry veneers and unfilled CMUs <8 in. in thickness do not qualify.

- "NA" indicates the category is not applicable.
- A minimum R-value of zero indicates no insulation is required.
- "Any" indicates any available product will comply.
- "X" indicates no complying option exists in the prescriptive packages.

COMcheck-EZ™ Prescriptive Packages

Climate Zone 12b

Envelope Component	Low Fenestration Area (0-10% Window-Wall Ratio)			Medium Fenestration Area (10%-25% Window-Wall Ratio)			High Fenestration Area (25%-40% Window-Wall Ratio)			Very High Fenestration Area (40%-50% Window-Wall Ratio)		
	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing
<b>Walls (a,b)</b>												
Framed <i>Minimum Cavity R-Value (c)</i>	NA	11	11	NA	11	11	NA	11	11	NA	13	13
Any Spacing <i>Minimum Continuous R-Value (d)</i>	NA	0	0	NA	0	0	NA	0	0	NA	3	0
CMU, 8 in. or greater <i>Minimum Cavity R-Value</i>	NA	11	11	NA	11	11	NA	11	11	NA	11	11
with Integral Insulation(e) <i>Minimum Continuous R-Value</i>	5	0	0	5	0	0	5	0	0	5	0	0
All Other <i>Minimum Cavity R-Value</i>	NA	11	11	NA	11	11	NA	11	11	NA	11	11
Masonry Walls(f) <i>Minimum Continuous R-Value</i>	5	0	0	5	0	0	5	0	0	5	0	0
<b>Windows</b>												
<i>Maximum Solar Heat Gain Coefficient</i>	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection
<i>Maximum U-Factor</i>	Any	Any	Any	0.5	0.6	0.7	0.4	0.5	0.6	0.3	0.4	0.5
	Any	Any	Any	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
<b>Skylight (Limit 3% of Roof Area)</b>												
<i>Maximum U-Factor</i>	0.8			0.8			0.8			0.8		
<b>Roof</b>												
All-Wood Joist/Truss <i>Minimum R-Value</i>	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation
Nonwood Joist/Truss <i>Minimum R-Value</i>	16		19	19		25	23		30	23		30
Concrete Slab or Deck <i>Minimum R-Value</i>	17		25	20		25	24		30	24		30
Metal Purlin with Thermal Break <i>Minimum R-Value</i>	16		NA	19		NA	23		NA	23		NA
Metal Purlin without Thermal Break <i>Minimum R-Value</i>	17		25	20		30	24		X	24		38
	17		X	20		X	24		X	24		49
<b>Floor</b>												
All-Wood Joist/Truss <i>Minimum R-Value</i>	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation
Nonwood Joist/Truss <i>Minimum R-Value</i>	15		19	15		19	15		19	15		19
Concrete Slab or Deck <i>Minimum R-Value</i>	16		19	16		19	16		19	16		19
	16		NA	16		NA	16		NA	16		NA
<b>Slab Edge or Basement Walls</b>												
<i>Minimum R-Value</i>	Insulation			Insulation			Insulation			Insulation		
	0			0			8			8		

Notes:

- (a) For walls next to unconditioned spaces, use the Low Fenestration Area wall requirements.
- (b) Where values are shown for both cavity and continuous insulation, both requirements must be met.
- (c) Cavity insulation is insulation between framing members or furring strips and does not refer to integral insulation in CMUs.
- (d) Continuous insulation is insulation that is continuous across structural members, and its effectiveness is undiminished by compression or bridging.
- (e) Integral insulation in concrete masonry units may be perlite, vermiculite, or other insulating material. Minimum R-values are in addition to insulation in CMU voids.

- (f) Use of the Other Masonry Walls category is restricted to walls weighing 35 lb/ft<sup>2</sup> or more; lightweight masonry veneers and unfilled CMUs <8 in. in thickness do not qualify.

- "NA" indicates the category is not applicable.
- A minimum R-value of zero indicates no insulation is required.
- "Any" indicates any available product will comply.
- "X" indicates no complying option exists in the prescriptive packages.

COMcheck-EZ™ Prescriptive Packages

Climate Zone 13b

Envelope Component	Low Fenestration Area (0-10% Window-Wall Ratio)			Medium Fenestration Area (10%-25% Window-Wall Ratio)			High Fenestration Area (25%-40% Window-Wall Ratio)			Very High Fenestration Area (40%-50% Window-Wall Ratio)		
	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing	No Framing	Metal Framing	Wood Framing
<b>Walls (a,b)</b>												
Framed <i>Minimum Cavity R-Value (c)</i>	NA	13	11	NA	13	11	NA	13	11	NA	13	13
Any Spacing <i>Minimum Continuous R-Value (d)</i>	NA	0	0	NA	0	0	NA	0	0	NA	7	3
CMU, 8 in. or greater <i>Minimum Cavity R-Value</i>	NA	11	11	NA	11	11	NA	11	11	NA	11	11
with Integral Insulation(e) <i>Minimum Continuous R-Value</i>	5	0	0	5	0	0	5	0	0	5	0	0
All Other <i>Minimum Cavity R-Value</i>	NA	11	11	NA	11	11	NA	11	11	NA	11	11
Masonry Walls(f) <i>Minimum Continuous R-Value</i>	5	0	0	5	0	0	5	0	0	5	0	0
<b>Windows</b>												
<i>Maximum Solar Heat Gain Coefficient</i>	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection	No Projection	<sup>§.25</sup> Projection	<sup>§.5</sup> Projection
<i>Maximum U-Factor</i>	Any	Any	Any	0.5	0.6	0.7	0.4	0.5	0.6	0.4	0.5	0.6
	Any	Any	Any	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
<b>Skylight (Limit 3% of Roof Area)</b>												
<i>Maximum U-Factor</i>	0.8			0.8			0.8			0.8		
<b>Roof</b>												
All-Wood Joist/Truss <i>Minimum R-Value</i>	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation	Continuous Insulation	or	Roof Cavity Insulation
Nonwood Joist/Truss <i>Minimum R-Value</i>	18		25	19		25	23		30	23		30
Concrete Slab or Deck <i>Minimum R-Value</i>	19		25	20		25	24		30	24		30
Metal Purlin with Thermal Break <i>Minimum R-Value</i>	18		NA	19		NA	23		NA	23		NA
Metal Purlin without Thermal Break <i>Minimum R-Value</i>	19		30	20		30	24		X	24		38
	19		X	20		X	24		X	24		49
<b>Floor</b>												
All-Wood Joist/Truss <i>Minimum R-Value</i>	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation	Continuous Insulation	or	Cavity Insulation
Nonwood Joist/Truss <i>Minimum R-Value</i>	17		19	17		19	17		19	17		19
Concrete Slab or Deck <i>Minimum R-Value</i>	17		25	17		25	17		25	17		25
	17		NA	17		NA	17		NA	17		NA
<b>Slab Edge or Basement Walls</b>												
<i>Minimum R-Value</i>	Insulation			Insulation			Insulation			Insulation		
	0			0			8			8		

Notes:

- (a) For walls next to unconditioned spaces, use the Low Fenestration Area wall requirements.
- (b) Where values are shown for both cavity and continuous insulation, both requirements must be met.
- (c) Cavity insulation is insulation between framing members or furring strips and does not refer to integral insulation in CMUs.
- (d) Continuous insulation is insulation that is continuous across structural members, and its effectiveness is undiminished by compression or bridging.
- (e) Integral insulation in concrete masonry units may be perlite, vermiculite, or other insulating material. Minimum R-values are in addition to insulation in CMU voids.

- (f) Use of the Other Masonry Walls category is restricted to walls weighing 35 lb/ft<sup>2</sup> or more; lightweight masonry veneers and unfilled CMUs <8 in. in thickness do not qualify.

- "NA" indicates the category is not applicable.
- A minimum R-value of zero indicates no insulation is required.
- "Any" indicates any available product will comply.
- "X" indicates no complying option exists in the prescriptive packages.