

WeatherBond Polyiso

Minimum Insulation R-value Requirements

Non-Residential, Above Roof Deck

	State		Applicable Code	Ashrae Zone	Minimum R-Value
STATE & LOCAL	AL	Alabama	2015 Alabama Commercial Energy Code	2	R-25
				3	R-25
STATE & LOCAL	AK	Alaska	2012 Alaska Building Energy Efficiency Standard	7	R-35
				8	R-35
				9	R-40
LOCAL ONLY	AZ	Arizona	No statewide mandated R-values Phoenix - 2012 IECC Yuma - 2009 IECC Tucson - 2012 IECC Flagstaff - 2009 IECC	2	R-20
				2	R-20
				2	R-20
				5	R-20
				3	R-20
STATE ONLY	AR	Arkansas	Arkansas Energy Code for New Building Construction	4	R-20
				3	R-20
STATE ONLY	CA	California	2016 Building Energy Efficiency Standards	2	R-25
				3	R-25
				4	R-30
				5	R-30
				6	R-30
STATE & LOCAL	CO	Colorado	2012 IECC	4	R-25
				5	R-25
				6	R-30
				7	R-35
STATE ONLY	CT	Connecticut	2016 Connecticut State Building Code	5	R-25
STATE & LOCAL	DE	Delaware	ASHRAE 90.1 2010	4	R-20
STATE ONLY	DC	District of Columbia	2012 IECC	4	R-25
STATE ONLY	FL	Florida	Florida Building Code, 7th Edition	1	R-20
				2	R-20
				2	R-20
STATE ONLY	GA	Georgia	2011 Georgia State Minimum Standard Energy Code	3	R-20
				4	R-20
				4	R-20
STATE ONLY	HI	Hawaii	2015 IECC	1	R-20
STATE & LOCAL	ID	Idaho	2012 IECC	5	R-25
				6	R-30
STATE & LOCAL	IL	Illinois	2015 IECC	4	R-30
				5	R-30
STATE ONLY	IN	Indiana	2010 Indiana Energy Conservation Code	4	R-20
				5	R-20
STATE & LOCAL	IA	Iowa	Iowa State Energy Code	5	R-25
				6	R-30
STATE & LOCAL	KS	Kansas	2006 IECC	4	R-15
				5	R-20
STATE ONLY	KY	Kentucky	2013 Kentucky Building Codes	4	R-25
STATE & LOCAL	LA	Louisiana	2009 IECC	2	R-20
				3	R-20
STATE ONLY	ME	Maine	2006 IECC	6	R-20
				7	R-25
STATE ONLY	MD	Maryland	Maryland Building Performance Standards	4	R-30
				5	R-30
STATE ONLY	MA	Massachusetts	780 CMR Chapter 13	5	R-30
STATE ONLY	MI	Michigan	Michigan Energy Code	5	R-30
				6	R-30
				7	R-35



WEATHERBOND
ROOFING SYSTEMS

Single-Ply Simplified

Non-Residential, Above Roof Deck

State			Applicable Code	Ashrae Zone	Minimum R-Value
STATE ONLY	MN	Minnesota	Minnesota Commercial State Building Code	6	R-30
				7	R-35
STATE & LOCAL	MS	Mississippi	ASHRAE 90.1 2010	2	R-20
				3	R-20
STATE & LOCAL	MO	Missouri	2012 IECC	4	R-25
				5	R-25
STATE ONLY	MT	Montana	2012 IECC	6	R-30
STATE ONLY	NE	Nebraska	2011 Nebraska Energy Code	5	R-20
STATE ONLY	NV	Nevada	2012 IECC	3	R-20
				5	R-25
STATE ONLY	NH	New Hampshire	2009 IECC	5	R-20
				6	R-20
STATE ONLY	NJ	New Jersey	ASHRAE 90.1 2013	4	R-30
				5	R-30
STATE ONLY	NM	New Mexico	2009 New Mexico Energy Conservation Code	3	R-20
				4	R-20
				5	R-20
STATE ONLY	NY	New York	State Energy Conservation Code	4	R-30
				5	R-30
				6	R-30
STATE ONLY	NC	North Carolina	2012 North Carolina Energy Conservation Code	3	R-25
				4	R-30
				5	R-30
STATE & LOCAL	ND	North Dakota	North Dakota State Building Code	6	R-20
				7	R-25
STATE ONLY	OH	Ohio	Ohio Building Code	4	R-25
				5	R-25
STATE & LOCAL	OK	Oklahoma	Oklahoma Uniform Building Code	3	R-15
				4	R-20
STATE ONLY	OR	Oregon	2014 Oregon Energy Efficiency Speciality Code	4	R-25
				5	R-25
STATE ONLY	PA	Pennsylvania	Pennsylvania Uniform Construction Code	4	R-20
				5	R-20
				6	R-20
STATE ONLY	RI	Rhode Island	IECC 2012	5	R-25
STATE & LOCAL	SC	South Carolina	South Carolina Energy Standard	3	R-20
STATE & LOCAL	SD	South Dakota	ASHRAE 90.1-2007	5	R-20
				6	R-20
STATE & LOCAL	TN	Tennessee	2012 IECC	3	R-20
				4	R-25
STATE & LOCAL	TX	Texas	2015 IECC	2	R-25
				3	R-25
				4	R-30
STATE ONLY	UT	Utah	2015 IECC	3	R-25
				5	R-30
				6	R-30
STATE ONLY	VT	Vermont	2015 Vermont Commercial Building Energy Standard	6	R-30
STATE ONLY	VA	Virginia	2014 Virginia Building Code	4	R-25
				4	R-30
STATE ONLY	WA	Washington	2015 Washington State Energy Code	5	R-30
				6	R-30
				6	R-30
STATE ONLY	WV	West Virginia	2009 IECC	4	R-20
				5	R-20
STATE ONLY	WI	Wisconsin	2011 Wisconsin Commercial Building Code	6	R-20
				7	R-25
LOCAL ONLY	WY	Wyoming	No statewide mandated R-values Casper - 2009 IECC Cheyenne - 2012 IECC Laramie - 2012 IECC	6	R-30
				6	R-30
				6	R-30
				6	R-30



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Minimum R-Value (Non-Residential, Above Roof Deck)

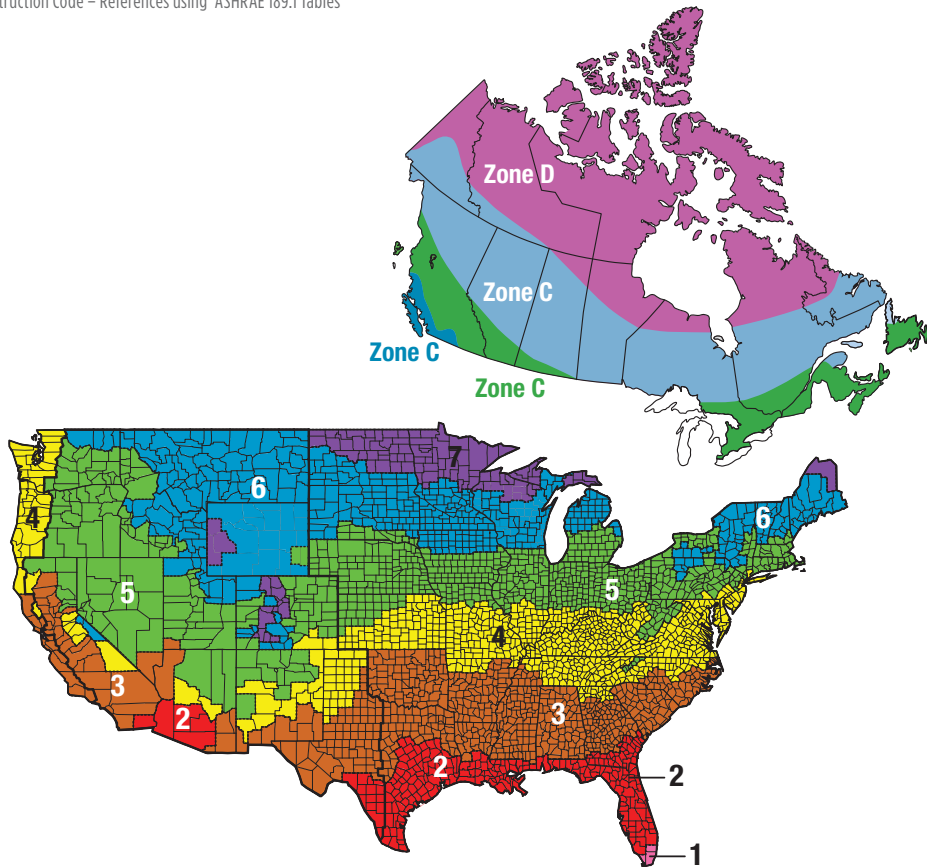
Zones	ASHRAE 90.1					ASHRAE 189.1			IGCC		IBC – IECC		
	2004	2007	2010*	2013*	2016*	2009	2011*	2014*	2012*	2015*	2009*	2012*	2015*
0	-	-	-	-	25	-	-	-	-	-	-	-	-
1	15	15	15	20	20	20	20	20	20	20	15	20	20
2	15	20	20	25	25	25	25	25	25	25	20	20	25
3	15	20	20	25	25	25	25	25	25	25	20	20	25
4	15	20	20	30	30	25	25	35	25	35	20	25	30
5	15	20	20	30	30	25	25	35	25	35	20	25	30
6	15	20	20	30	30	30	30	35	30	35	20	30	30
7	15	20	20	35	35	35	35	40	35	40	25	35	35
8	20	20	20	35	35	35	35	40	35	40	25	35	35

*Continuous Insulation

IBC – International Building Code – References IECC for Energy Tables

IECC – International Energy Conservation Code – References using ASHRAE 90.1 OR IECC Tables

IGCC – International Green Construction Code – References using ASHRAE 189.1 Tables



Disclaimer: The information contained in this document is meant to be used as a quick reference guide for insulation levels across the United States. The information was gathered from state and local websites which are periodically updated and may not contain the latest data. Final verification of actual insulation levels required for a specific project should be verified with the Local Authority Having Jurisdiction (AHJ) before construction.



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