

Code	Policy Type	Most Recent Edition	Target		Climate Zones	Minimum Requirements for Compliance						Notes
						SR		TE		SRI		
						Low-slope	Steep-slope	Initial	Aged	Initial	Aged	
California mandatory codes and standards												
California Building Energy Efficiency Standard (Title 24)	Building energy efficiency standard	2013	COM		CA 1-16		0.63		0.75		75	Effective 1/1/2014
			RES		CA 13,15		0.63		0.75		75	
				COM	CA 2-16		0.20		0.75		16	
				RES	CA 10-15		0.20		0.75		16	
		2008	COM		CA 2-15		0.55		0.75		64	In effect through 12/31/2013
			RES		CA 13,15		0.55		0.75		64	
				COM	CA 2-16		0.15		0.75		10	
				RES	CA 10-15		0.20		0.75		16	Roof product density<5 lbs/sf
			CA 1-16		0.15		0.75		10	Roof product density≥5 lbs/sf		
California Green Building Standards Code (CALGreen)	Green building code*	2013	x		CA 2, 4, 6-15		0.65		0.85		78	Tier 2 voluntary compliance above 2008 Title 24 mandatory requirements
				x			0.23		0.85		20	
			x		CA 13,15		0.55		0.75		64	Tier 1 voluntary compliance is consistent with 2008 Title 24 mandatory requirements
				x	CA 1-9,16		0.15		0.75		10	
				x	CA 10-15		0.20		0.75		16	
National codes and standards that municipalities can adopt												
ASHRAE 90.1	Model code [^]	2010	COM		US 1-3		0.55		0.75		64	
ASHRAE 90.2	Model code [^]	2007	RES		US 1-3	0.65		0.70		75		
ASHRAE 189.1	Advanced model code [#]	2011	COM		US 1-3					78		ENERGY STAR criteria meet requirement
				COM						29		
ENERGY STAR	Voluntary program	2012	x		N/A	0.65	0.50					
				x		0.25	0.15					
International Energy Conservation Code (IECC)	Model code [^]	2012	COM		US 1-3	0.70	0.55	0.75	0.75	82	64	
International Green Construction Code (IGCC)	Advanced model code [#]	2012	x		US 1-3		0.55		0.75		60	
				x		0.30		0.75		25		
Leadership in Energy and Environmental Design (LEED)	Voluntary green building code*	LEED V4	x		N/A					82	64	Must cover 75% of non-vegetated roof area; new & existing construction
				x					39	32		

Key: SR—solar reflectance; TE—thermal emittance; SRI—solar reflectance index; COM—applies to commercial buildings; RES—applies to residential buildings

* A green building code is a set of standards that specifies criteria for sustainable or high-performance building practice

[^] A model code is a building code that is written by an independent standards organization to be adopted as mandatory by local governments or regional bodies

[#] An advanced model code is a model building code that specifies criteria for high-performance building practices