



INNOVATIONS FOR LIVING®

# Steep-Slope Roof

## Comparing Current and Forthcoming Requirements

### Additions/Alterations to Existing Buildings Low-Rise Residential

2007/2010 California Energy Code	2013 California Energy Code
At least R-30 ceiling insulation (attic floor)	At least R-38 ceiling insulation (attic floor)
Insulation with at least R-0.85 or at least 3/4-inch airspace added to roof deck over attic	1-inch air space between underside of roofing product and top of roof deck
Roof deck insulation above vented attic $\geq$ R-3 in climate zones 10, 11, 13 & 14	Above roof deck insulation $\geq$ R-4 in climate zones 10-15
-	Roofing products with profile ratio of rise to width of 1 to 5 for $\geq$ 50% of the width of roofing products
Existing ducts in the attic sealed & insulated per Section 151(f)10	Existing ducts in the attic sealed & insulated per Section 150.1(c)9
Buildings with no ducts in the attic	Buildings with no ducts in the attic
Radiant barrier in the attic meets requirements and installation criteria of the Code	Radiant barrier in the attic meets requirements and installation criteria of the Code
1:150 net free vent area in the attic with $\geq$ 30% of ventilation within 2 foot vertical distance of roof ridge - climate zones 10, 12 & 13	-

Source: California Building Standards Commission, 2013, 2010, 2007. "2013, 2010, & 2007 California Energy Code: California Code of Regulations, Title 24, Part 6", Chapter 9