

ENVELOPE REQUIREMENTS

The following are the prescriptive envelope component criteria for additions to and replacement windows for existing detached one and two family dwellings in the Town of Southington which has an annual heating degree rating for Climate Zone 13, 6,000 - 6,499.

Windows:	Maximum fenestration U - factor .35 (Sunrooms - U. Factor .50)
Ceiling:	R-value - R-38 (Sunrooms - R-19)
Wall:	R-value - R-18 (Sunrooms - R-13)
Floor:	R-value - R-21 (Floors over outside air - same as ceiling)
Basement Walls:	R- value R-10 Full wall heights
Slab Perimeter:	R-value and depth R-9, 4 ft.
Crawl space Wall:	R-value - R-20
Reference:	2003 International Residential Code portion of 2005 Connecticut State Building Code - Chapter 11.
Alternative:	Perform full home system analysis, chapter 4 (Res-Check) which may reduce requirements.