

Maximum Assembly U-Factors and Fenestration (Window) Requirements for Utah Climate Zones

The following table shows U-factor requirements by component depending on climate zone.

Table R402.1.2: Maximum Assembly U-Factors and Fenestration (Window) Requirements			
	Climate Zone		
	3	5	6
Fenestration U-Factor	0.30	0.30	0.30
Skylight U-Factor	0.55	0.55	0.55
Glazed Fenestration SHGC	0.25	NR	NR
Ceiling U-Factor	0.026	0.024	0.024
Wood Frame Wall UFactor	0.060	0.045	0.045
Mass Wall U-Factor	0.098	0.082	0.060
Floor U-Factor	0.047	0.033	0.033
Basement Wall U-Factor	0.091	0.050	0.050
Crawl Space Wall UFactor	0.136	0.055	0.055

2021 IECC building envelope U-Factor and window requirements. ENERGY STAR NextGen or Zero Energy Ready Home certified homes must have a thermal envelope that meets the requirements of their climate zone. Assemblies shall have a U-factor equal to or less than that specified in the table. Fenestration shall have a U-factor and glazed fenestration SHGC equal to or less than that specified in the table. "NR" stands for not required.

For more information, visit

<https://hub.utahcleanenergy.org/homebuildertoolkit/>.