

Green Future: EE-4
Windows with Low-E Coating

- ENERGY STAR Labeled Windows
http://www.energystar.gov/index.cfm?c=windows_doors.pr_windows

Windows & Doors			
Climate Zone	U-Factor¹	SHGC²	
Northern	<= 0.35	Any	
North/Central	<= 0.40	<= 0.55	

Skylights			
Climate Zone	U-Factor¹ (2001 NFRC rated at 20 degrees)³	U-Factor¹ (RES97 rated at 90 degrees)⁴	SHGC²
Northern	<= 0.60	<= 0.45	Any
North/Central	<= 0.60	<= 0.45	<= 0.40

County	State	Climate
Atlantic County	New Jersey	North/Central
Bergen County	New Jersey	Northern
Burlington County	New Jersey	North/Central
Camden County	New Jersey	North/Central
Cape May County	New Jersey	North/Central
Cumberland County	New Jersey	North/Central
Essex County	New Jersey	Northern
Gloucester County	New Jersey	North/Central
Hudson County	New Jersey	Northern
Hunterdon County	New Jersey	Northern
Mercer County	New Jersey	Northern
Middlesex County	New Jersey	North/Central
Monmouth County	New Jersey	North/Central
Morris County	New Jersey	Northern
Ocean County	New Jersey	North/Central
Passaic County	New Jersey	Northern
Salem County	New Jersey	North/Central
Somerset County	New Jersey	Northern
Sussex County	New Jersey	Northern
Union County	New Jersey	Northern
Warren County	New Jersey	Northern

¹ Btu/h.ft².°F

² Fraction of incident solar radiation

³ U-Factor qualification criteria based on 2001 NFRC simulation and certification procedures that rate skylights at a 20-degree angle. Although reported U-Factor is higher than RES97 rated products, energy performance at the ENERGY STAR minimum qualifying level is equivalent.

⁴ NFRC certification using the 1997 NFRC procedures for residential windows (RES 97) that rated skylights at a 90-degree angle. Skylights rated under this procedure may be present in the marketplace until March 31, 2008. NFRC labels for products using this procedure state: "RES97 rated at 90 degrees."

- Efficient Windows Collaborative
<http://www.efficientwindows.org/lowe.cfm>