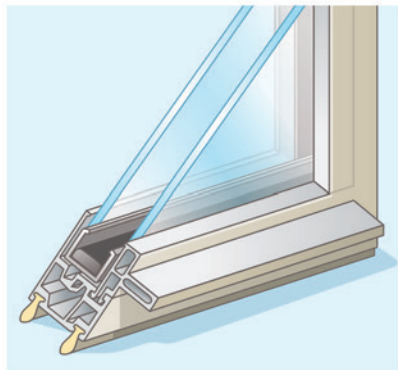




PPG Residential 3/4" (19mm) Insulating Glass Unit Performance Using 1/8" (3mm) Glass*

*3/4" (19mm) Insulating Glass Unit Performance Using 1/8" (3mm) Glass – Based on LBNL Window 6.3 Simulations				*3/4" (19mm) Insulating Glass Unit Performance Using 1/8" (3mm) Glass – Based on LBNL Window 6.3 Simulations			
Glass Type	Visible Light Transmittance (VLT)	Solar Heat Gain Coefficient (SHGC)	Winter Nighttime U-Value	Glass Type	Visible Light Transmittance (VLT)	Solar Heat Gain Coefficient (SHGC)	Winter Nighttime U-Value
Coated - with 1/8" (3mm) Glass and 1/2" (12mm) Air Fill, Outdoor Lite/Indoor Lite as Shown				Coated - with 1/8" (3mm) Glass and 1/2" (12mm) 90% Argon Fill, Outdoor Lite/Indoor Lite as Shown			
SUNGATE® 400 Coated Glass				SUNGATE® 400 Coated Glass			
SOLARBRONZE® + SUNGATE® 400 (3) Clear	58	0.54	0.32	SOLARBRONZE® + SUNGATE® 400 (3) Clear	58	0.54	0.28
SOLARGRAY® + SUNGATE® 400 (3) Clear	53	0.50	0.32	SOLARGRAY® + SUNGATE® 400 (3) Clear	53	0.50	0.28
SOLARBAN® 60 Coated Glass				SOLARBAN® 60 Coated Glass			
SOLARBRONZE® + SOLARBAN® 60 (3) Clear	54	0.38	0.29	SOLARBRONZE® + SOLARBAN® 60 (3) Clear	54	0.38	0.25
SOLARGRAY® + SOLARBAN® 60 (3) Clear	49	0.36	0.29	SOLARGRAY® + SOLARBAN® 60 (3) Clear	49	0.36	0.25
SOLARBAN® 67 Coated Glass				SOLARBAN® 67 Coated Glass			
SOLARBRONZE® + SOLARBAN® 67 (3) Clear	41	0.34	0.29	SOLARBRONZE® + SOLARBAN® 67 (3) Clear	41	0.34	0.25
SOLARGRAY® + SOLARBAN® 67 (3) Clear	37	0.32	0.29	SOLARGRAY® + SOLARBAN® 67 (3) Clear	37	0.32	0.25
SOLARBAN® 70XL Coated Glass				SOLARBAN® 70XL Coated Glass			
SOLARBRONZE® + SOLARBAN® 70XL (3) Clear	48	0.30	0.29	SOLARBRONZE® + SOLARBAN® 70XL (3) Clear	48	0.30	0.24
SOLARGRAY® + SOLARBAN® 70XL (3) Clear	43	0.29	0.29	SOLARGRAY® + SOLARBAN® 70XL (3) Clear	43	0.28	0.24
SOLARBAN® 90 Coated Glass				SOLARBAN® 90 Coated Glass			
SOLARBRONZE® + SOLARBAN® 90 (3) Clear	39	0.28	0.29	SOLARBRONZE® + SOLARBAN® 90 (3) Clear	39	0.27	0.24
SOLARGRAY® + SOLARBAN® 90 (3) Clear	35	0.26	0.29	SOLARGRAY® + SOLARBAN® 90 (3) Clear	35	0.26	0.24

1. Values may vary due to manufacturing tolerances. All tabulated data is based on NFRC methodology using the LBNL Window 7.3 software for center of glass.
2. Visible Light Transmittance (VLT) is the percentage of the visible spectrum of sunlight (380 nm to 780 nm) that is passing through a window.
3. Winter Night U-Value is the measure of how much heat gain or loss occurs through the glass due to the difference between indoor and outdoor temperatures using Winter Nighttime environmental conditions of a cold outside temperature and no sunlight measured in Btu/hr•ft²•°F. The lower the number, the better the insulating performance.
4. Solar Heat Gain Coefficient (SHGC) is the fraction of solar radiation transmitted through a window, as well as the amount that is absorbed by the glass and reradiated to the interior. The lower a window's SHGC, the less solar heat it transmits.



PPG low-e glass allows natural light to enter freely. In winter, indoor heat energy is reflected back into the home. In summer, outdoor heat energy is reflected back outside.

SUNGATE® 400
Low-E Glass

intercept.
SPACER SYSTEM

SOLARBAN® 60
Solar Control Low-E Glass

SOLARBAN® 70XL
Solar Control Low-E Glass

SOLARBAN® 67
Solar Control Low-E Glass

SOLARBAN® 90
Solar Control Low-E Glass