

# AcuraCoat<sup>®</sup>

## Low E Coating



The AcuraCoat<sup>®</sup> Low E coating is a pyrolytic multilayer coating and energy efficient glazing product designed to prevent heat loss from the warm interior to the cold exterior. As a result, Low E glass reduces building energy consumption and utility costs, especially in colder and mixed climates.

**ENERGY EFFICIENCY**

Low Emissivity, 80% lower than monolithic clear glass

**COLOR NEUTRALITY**

Multilayer coating prevents iridescent appearance

**HIGH TRANSMISSION**

Allows in high percentage of sunlight

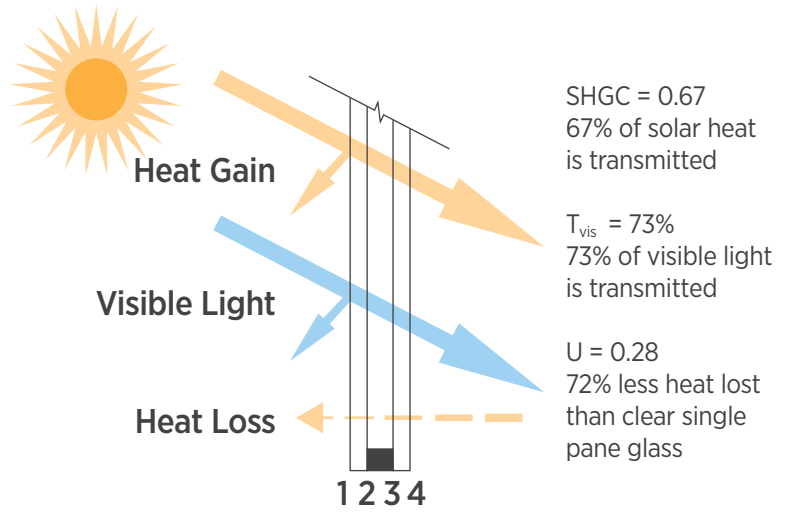
**FLEXIBILITY**

Can be treated with standard float glass techniques and installed into IG units with no special handling procedures

**DURABILITY**

Handles just like regular glass and offers unlimited shelf life

All the advantages and more



AcuraCoat® Low E coatings allow solar heating from the sun to pass while simultaneously preventing heat loss from the warm interior to the cold exterior.

**Technical Data**

	Emissivity, $\epsilon$	$U^1$	SHGC <sup>1</sup>	SC <sup>1</sup>	$T_{vis}^1$
AcuraCoat® Low E Insulated Glass <sup>2</sup>	0.20	0.28	0.67	0.77	73%
AcuraCoat® Low E Monolithic Glass <sup>3</sup>	0.20	0.60	0.74	0.85	83%
Uncoated Clear Monolithic Glass	0.84	1.02	0.82	0.94	88%

Notes

<sup>1</sup>  $T_{vis}$ ,  $U$ , SHGC, and SC – All Center of Glass Values calculated with NFRC 100-2010.

<sup>2</sup> Insulated Glass Unit consists of 6mm uncoated clear glass with 12.7 mm Argon-filled space followed by 6mm AcuraCoat® Low E glass (coating on #3 surface).

<sup>3</sup> Values calculated with coating on #2 surface.



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