

AcuraCoat[®]

Low E PRO

Coating



The AcuraCoat[®] Low E PRO is a highly transparent, multi layered coating specifically engineered for heating-dominated climates. It is one of the most efficient coatings on the market combining low heat loss with a high solar heat gain coefficient. The result is an aesthetically pleasing coating that drastically reduces energy use but remains easy to store and process.

HIGH PROFIT MARGIN

Low manufacturing costs

ENERGY EFFICIENCY

R5 insulating performance³

COLOR NEUTRALITY

Multilayer coating prevents iridescent appearance

HIGH TRANSMISSION

Allows a high percent of sunlight with low haze

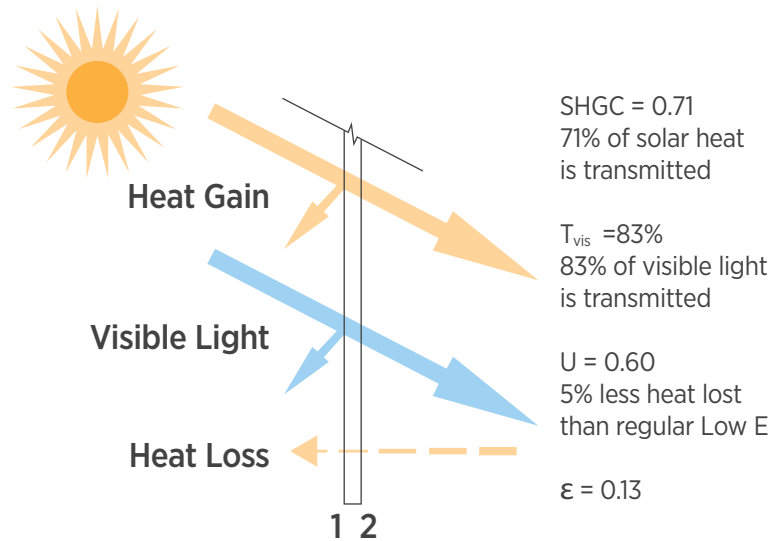
FLEXIBILITY

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 PRO coatings have all the advantages of Low E, plus a lower U value and less haze.

Technical Data

	U ¹	SHGC ¹	LSG ¹ (T _{vis} /SHGC)	T _{solar} ¹	T _{vis} ¹
AcuraCoat® Low E PRO ²	0.28	0.77	0.99	61	76
AcuraCoat® Low E PRO ³	0.22	0.59	1.17	49	69
AcuraCoat® Low E ²	0.30	0.76	1.00	60	76
Planibel Top N+T ^{2,4}	0.24	0.64	1.25	54	80
Pilkington Energy Advantage ²	0.29	0.76	0.99	60	75
Planibel ClearVision ⁵	0.99	0.91	1.00	90	91
AcuraCoat® Low E PRO ⁵	0.60	0.71	1.17	67	83

Notes

¹ U, SHGC, LSG, T_{solar}¹ and T_{vis} - All center of glass values calculated with NFRC 100-2010.

² Insulated Glass Unit consists of 6mm uncoated clear glass with 12.7 mm 90% Argon-filled space followed by coating on #3 surface.

³ IGU with double glazing.

⁴ MSVD.

⁵ Values calculated with monolithic glass.



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