Meets ENERGY STAR® Most Efficient Criteria for Tax Credits[1]

SolarTherm® PriME

High-Performance Insulated Glass Packages

Alpine WINDOWS

SolarTherm PriME

High-Performance Insulated Glass Packages

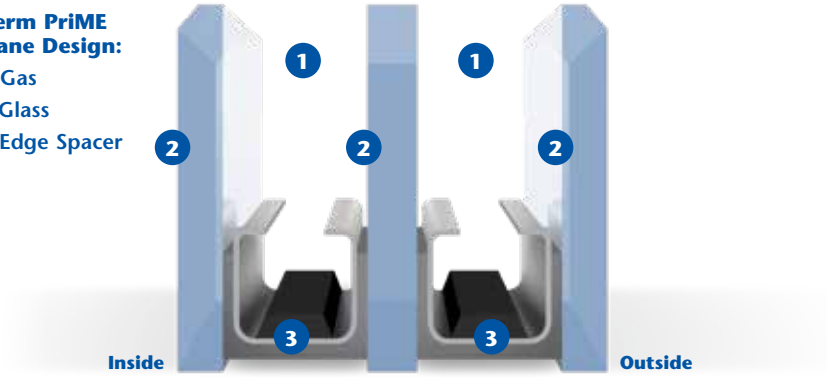
Most Efficient 2023
ENERGY STAR
www.energystar.gov

Our new SolarTherm PriME glass packages can help reduce your energy fuel consumption – and may qualify for federal tax credits.[1]

- Helps prevent energy loss, keeping your home more comfortable year-round
- Meets rigorous ENERGY STAR Most Efficient criteria that may help qualify for tax credits

SolarTherm Pri**ME** incorporates three panes of glass, three surfaces of Low-E (low-emissivity) technology, two warm-edge spacer systems and two spaces filled with argon gas – and meets ENERGY STAR Most Efficient in **all** climate zones!

SolarTherm PriME Triple-Pane Design:
1 Argon Gas
2 Low-E Glass
3 Warm-Edge Spacer



Enhanced Insulation with Argon Gas

- Heavier than air, argon gas is an odorless, colorless, safe inert gas
- The greater density of argon increases the thermal barrier to help prevent energy loss through the window
- SolarTherm Pri**ME** uses argon between the panes of glass, which is a more cost-effective solution compared to krypton gas

SolarTherm Pri**ME** is available for Montrose® and 80 Series Windows and Westbridge® 6500 Sliding Patio Doors[2] – see your Alpine Sales Representative for specific product offering.

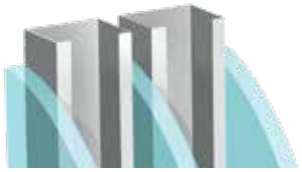
Thermal Performance Comparison

	Montrose[3]		80 Series[4]	
	U-Factor	SHGC	U-Factor	SHGC
SolarTherm Pri**ME** TG2 ThermD S6	0.19	0.21	0.20	0.22
SolarTherm Pri**ME** TG2 Plus S6	–	–	0.19	0.22

[3]Whole window values, double-strength glass, standard 3A01 offering with composite reinforcements, cavity foam and no grids.
[4]Whole window values, double-strength glass, standard A282 offering with iE liner.

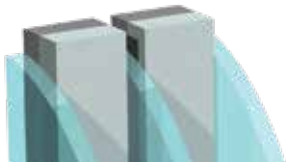
Energy-Efficient Spacer System Options

The spacer system in a window is a key component of the glass unit, stabilizing the panes of glass and enhancing the window's energy efficiency. SolarTherm Pri**ME** features two spacer system options:



SolarTherm PriME TG2 ThermD S6 with Stainless Steel Intercept® Spacer

- Strong stainless steel alloy, one-piece U-shaped design
- Stainless steel is impervious to gas transmission, which improves gas retention and the thermal barrier
- Withstands effects of temperature changes with flex; reduces stress on the sealant bond to help prevent seal failure



SolarTherm PriME TG2 Plus S6 with Super Spacer®[5]

- Highly durable structural foam spacer creates a "warm" low-conductive edge
- Non-metal design removes any metal-to-glass contact, increasing the edge of the glass temperature for greater energy efficiency

Scan here to learn more about federal tax credits!

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