



AMERICA'S OLDEST WINDOW MANUFACTURER



INNOVATIVE PRODUCTS

VACUUM INSULATED GLASS

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VIG

BY

MATHEWS BROTHERS

DON'T COMPROMISE BETWEEN
BEAUTY AND PERFORMANCE.

DEMAND BOTH. HAVE IT ALL.



INTRODUCTION TO VIG

Mathews Brothers has merged the historic and majestic charm of the Sanford Hills line of windows and doors with the innovation, strength and thermal performance of Vacuum Insulated Glass. By creating a narrow vacuum within the glass package, VIG provides superior thermal performance without the visual anomalies and excessive weight that have plagued windows equipped with Tri-Pane glass. The Sanford Hills VIG line of products are lighter and more efficient than Tri-Pane products, while resembling a traditional true divided lite window or door.



HISTORIC IMPACT

VIG Windows are impactful for any application, but they are uniquely well suited for historic projects that require visual accuracy while meeting stringent thermal performance goals. Sanford Hills VIG windows replicate the historic true divided lite, putty glazed windows of the past. 33% less weight than a tri-pane window means that larger size windows can be provided while minimizing safety and installation concerns.

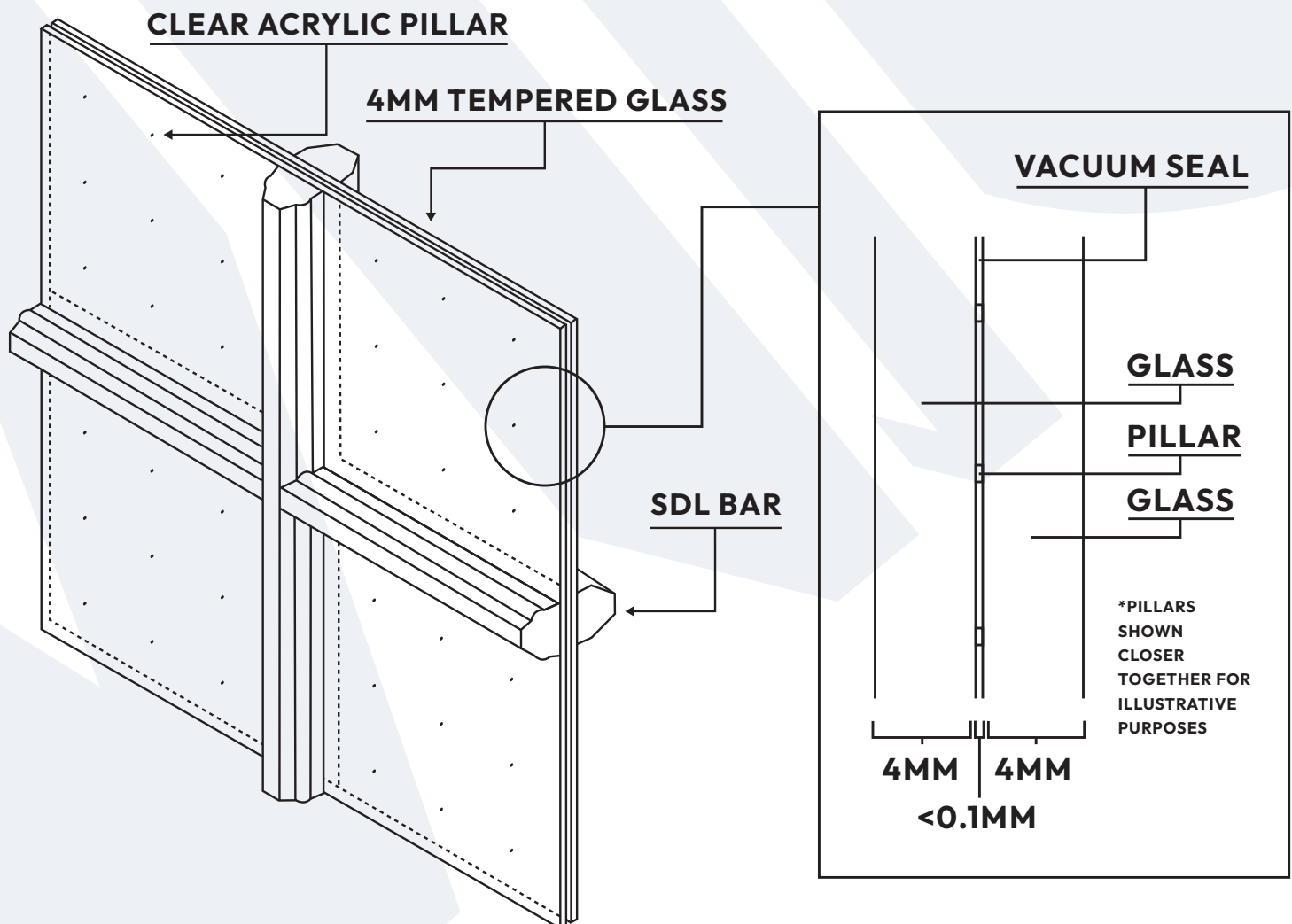
TECHNOLOGY

	U-FACTOR	SHG	VLT	STRUCTURE
Sanford Hills VIG Casement Window	0.18	0.37	0.49	≥ PG65
Sanford Hills VIG Casement Fixed Window	0.15	0.45	0.60	≥ PG50
Sanford Hills VIG Double Hung Window	0.19	0.44	0.59	≥ PG50
Sanford Hills VIG Sash Glaze Fixed Window	0.17	0.46	0.62	≥ PG50
Sanford Hills Sliding Patio Door	0.18	0.39	0.51	≥ PG50

ONLY THE BEST WILL DO

Mathews Brothers has been involved in the development of VIG for over 20 years. All vacuum insulated glass does not look alike nor perform alike. Mathews Brothers begins with tempered 4 millimeters thick glass which reduces the quantity and proximity of the clear acrylic pillars necessary to support the glass under a negative draw. There are no vacuum ports or moisture getters on the visible surface of the glass as we have hidden this technology behind the glazing bead. Simply stated when you choose a Sanford Hills window or door with vacuum insulated glass, you are choosing the most visually appealing, structurally sound, and thermally performing VIG available.

VIG DIAGRAM



HISTORIC INNOVATION

USING THE PAST TO SECURE THE FUTURE

