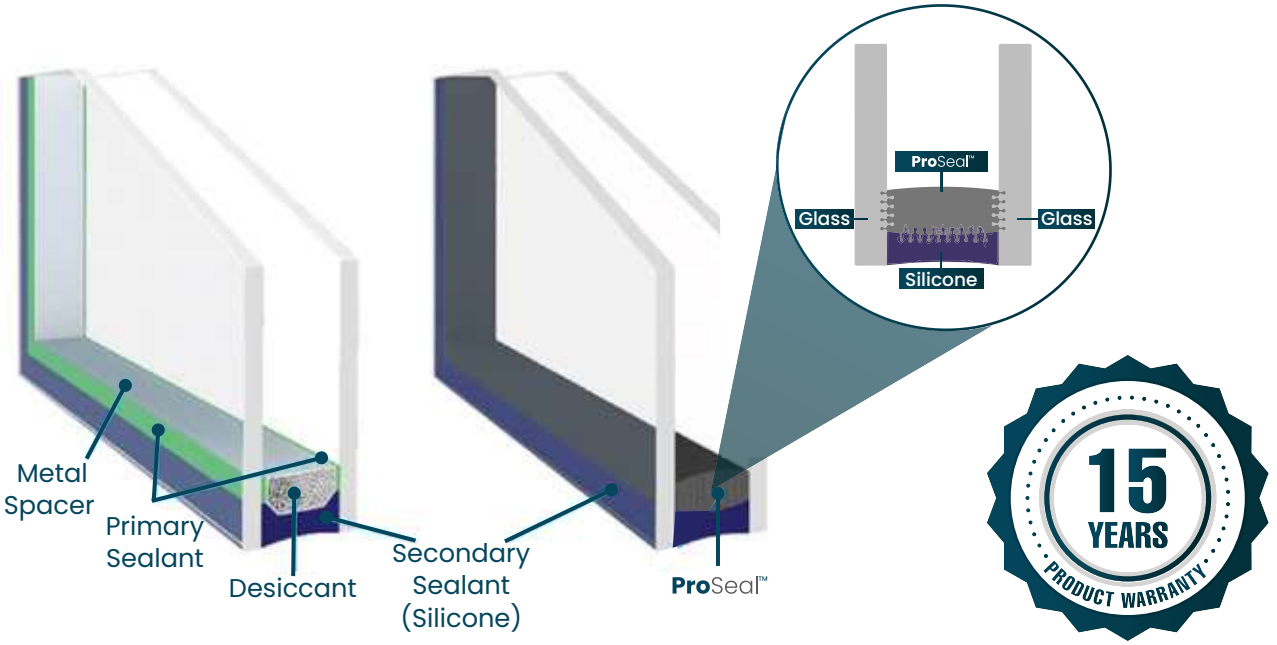
ProSeal™
INSULATED GLASS

Highly Durable Longer Lasting Energy-Efficient



NEXT GENERATION OF INSULATED GLASS SPACERS

ProSeal is unique for its chemical interaction with glass and silicone within the insulated glass unit. It creates a chemical bond at the edge of the panes, forming an elastic unit. This fusion of components at the edge of the window panes ensures an absolute moisture and gas barrier. As a result, the thermal insulation of your window lasts for the entire life of the unit. This provides a warm-edge system of the highest quality, while noticeably enhancing your environment.

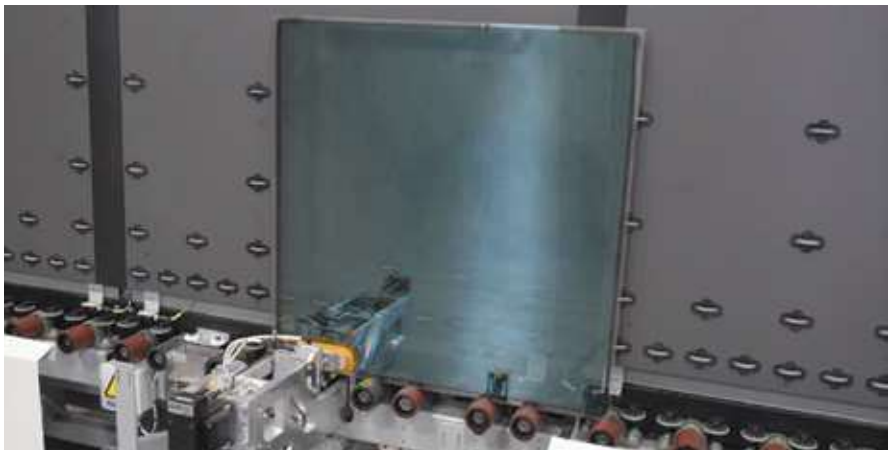
PERFORMANCE COMPARISON

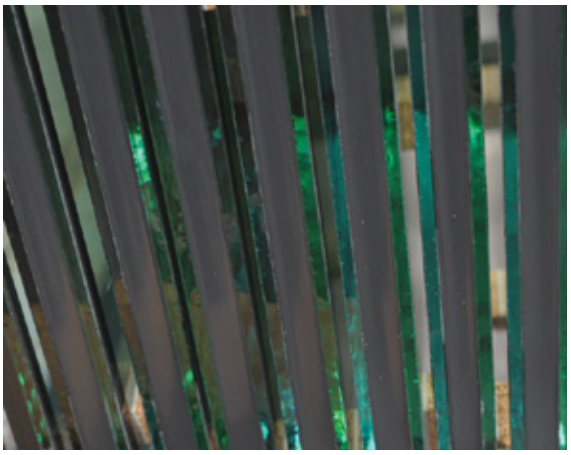
	ProSeal™	Foam Spacer	Hybrid Spacer	Stainless Steel
Gas Retention	●●●	●	●●	●●
Thermal Conductivity	●●●	●●●	●●●	●
Flexibility	●●●	●●	●	●
Robotically Applied	●●●	●●●	—	—
Aesthetics	●●●	●●	●	●
Durability	●●●	●●	●●	●●
Chemically Bonded to Glass	●●●	—	—	—
Higher Temperature Stability	●●●	—	—	—
Automated Thickness Application	●●●	—	—	—

● Acceptable
●● Better
●●● Best

SUPERIOR GAS RETENTION

Among the various spacer materials available, ProSeal stands out as an excellent choice. It not only provides a warm-edge solution but also demonstrates exceptional gas retention capabilities. Even after multiple rounds of weathering tests, a ProSeal unit maintains an argon content consistently above 90%, outperforming all other tested spacer systems. This exceptional gas retention minimizes heat loss and reduces energy demands over time. This unique feature results in prolonged energy efficiency, making ProSeal a compelling choice for construction projects that prioritize long-term sustainability.

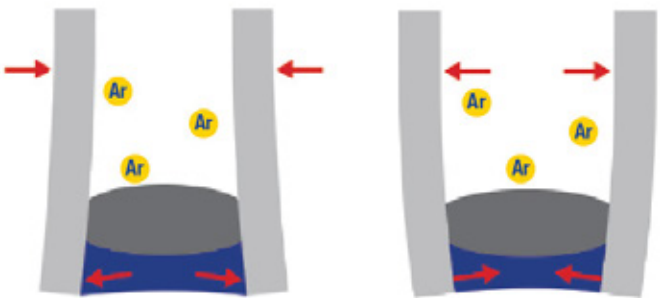




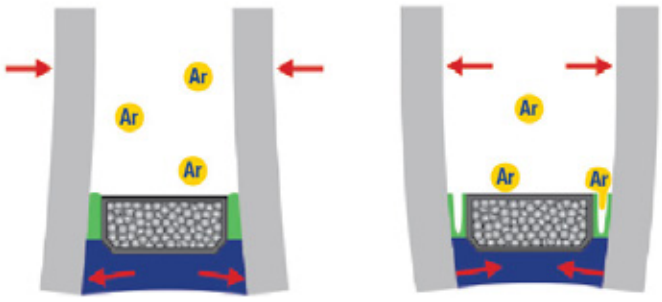
SEAL QUALITY & DURABILITY COMPARISON – PROGRESSIVE WEATHERING (EN1279-3)

	Initial Argon Content	Round 1	Round 2	Round 3	Round 4	Round 5	Round 6	Round 7	Round 8	Round 9	Round 10
Aluminum Spacer	93	93	92	92	91	89	Frost Point Failure	—	—	—	—
Hybrid Spacer #1	92	92	91	90	89	86	Frost Point Failure	—	—	—	—
Hybrid Spacer #2	91	90	90	90	86	Frost Point Failure	—	—	—	—	—
Foam Spacer	95	93	85	Frost Point Failure	—	—	—	—	—	—	—
ProSeal™	**99**	**98**	**98**	**97**	**96**	**96**	**95**	**94**	**94**	**93**	**92**

ProSeal™ Unit



Standard Box Spacer Unit



ProSeal remains gas-tight during unit expansion and compression cycles. Stress is evenly distributed across the spacer width, enhancing the retention of argon and energy efficiency.