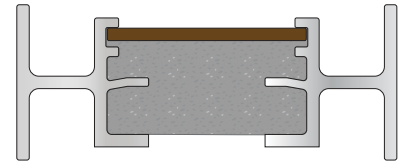


Azo-Core™

thermal barrier



Code breaker for thermal barrier fenestration performance



Azon Saves Energy

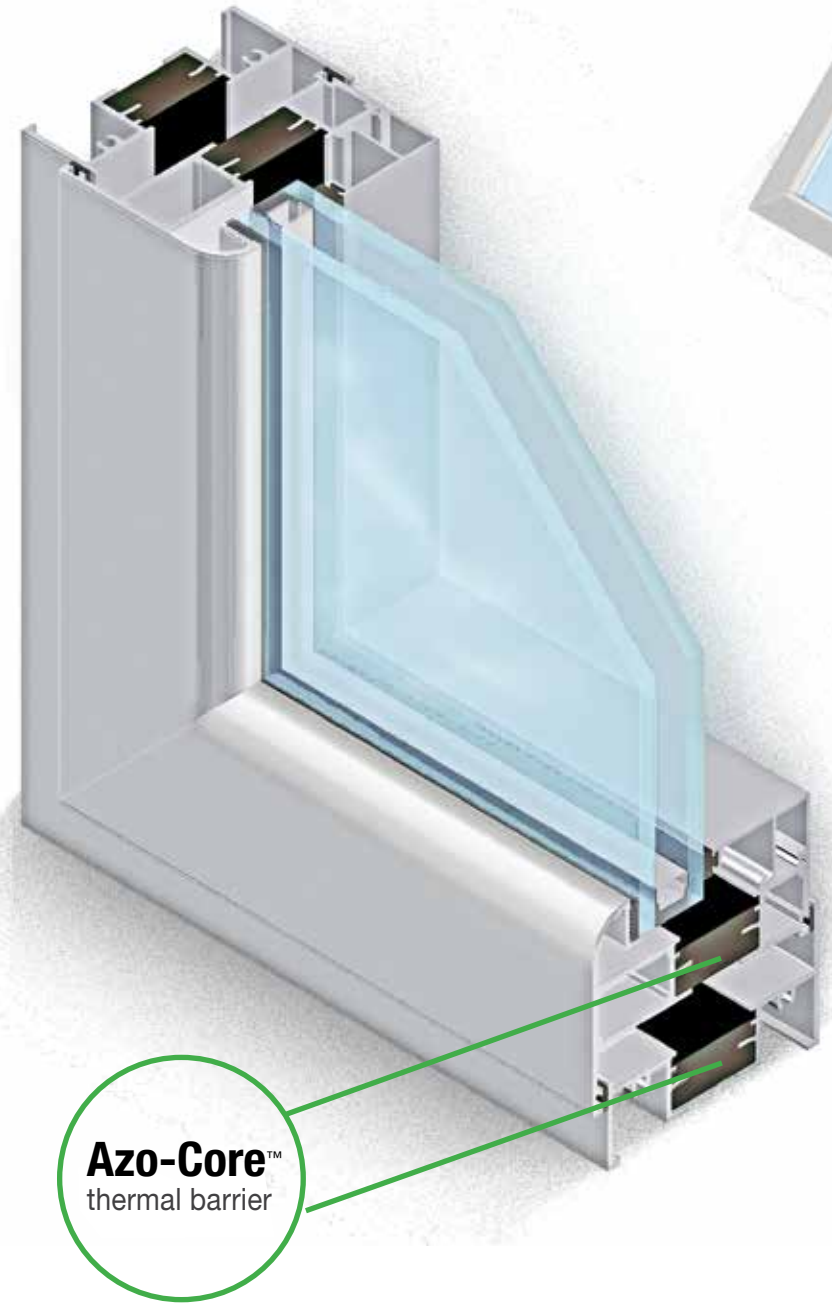
high performance total design concept from the **AZO/Tec®** team



Azo-Core™ thermal barrier

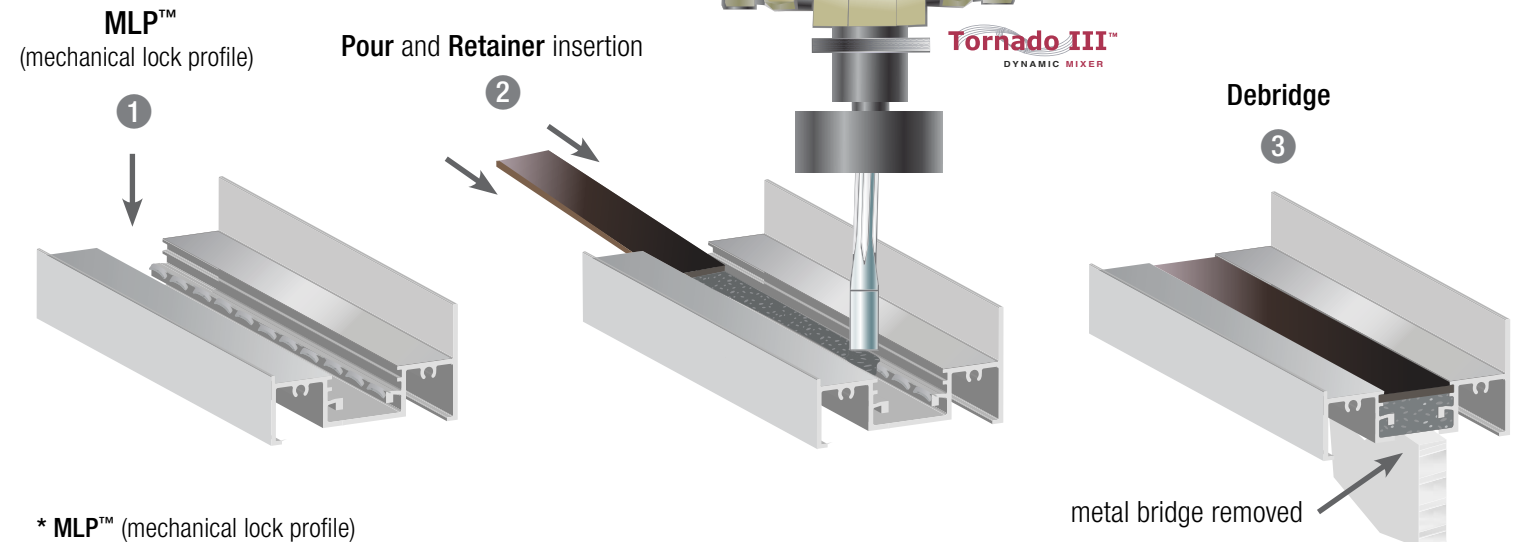
A design concept from the AZO/Tec® design department influenced by European technology, Azo-Core™ adapts the time-proven use of polyurethane foam as its thermal barrier insulator for aluminum fenestration.

Azo-Core™ is a unique high-density foam strengthened by MLP™ (mechanical lock profile) the exclusive Azon system for ensuring integrity of the strength and adhesion of the foam to difficult-to-adhere-to finishes. Azo-Core is provided under the Azon warranty umbrella—the only protection of its kind for aluminum fenestration in the world.



Processing: How it works

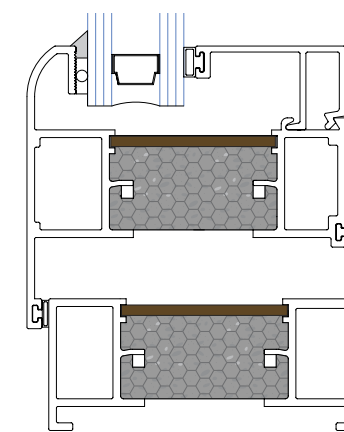
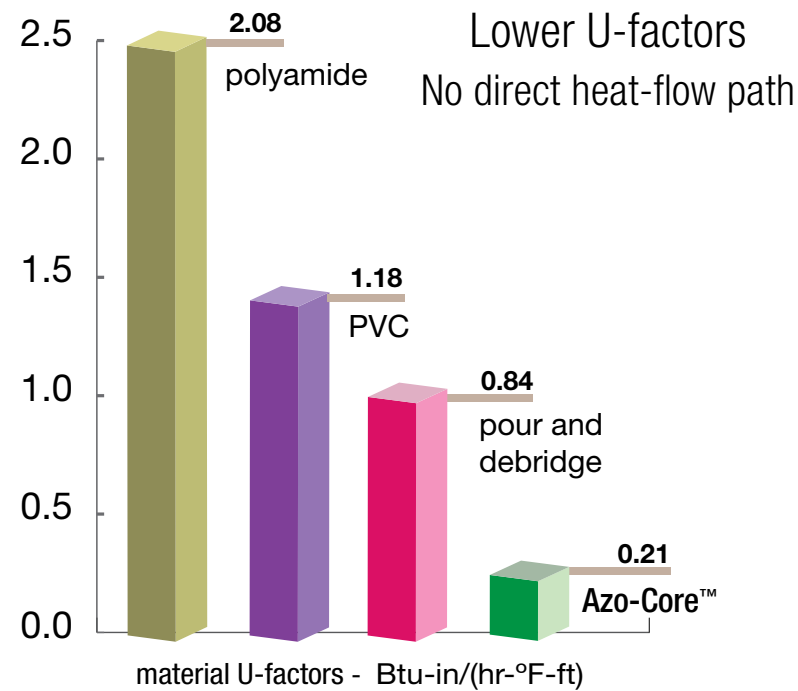
Azo-Core™ thermal barrier



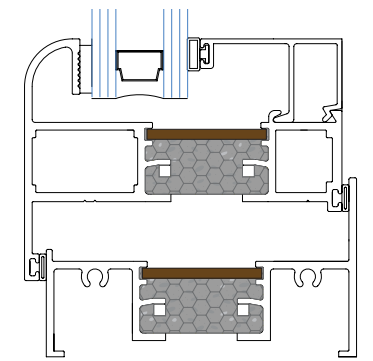
* MLP™ (mechanical lock profile)

Azo-Core™ energy efficient design with mechanical locks: Participants in the Approved Azo-Brader™ Applicator and Lancer™ programs qualify for the Azon 10-year warranty against failure of the thermal barrier core due to dry shrinkage and fracturing.

Thermal properties



Series 32 mm Azo-Core™

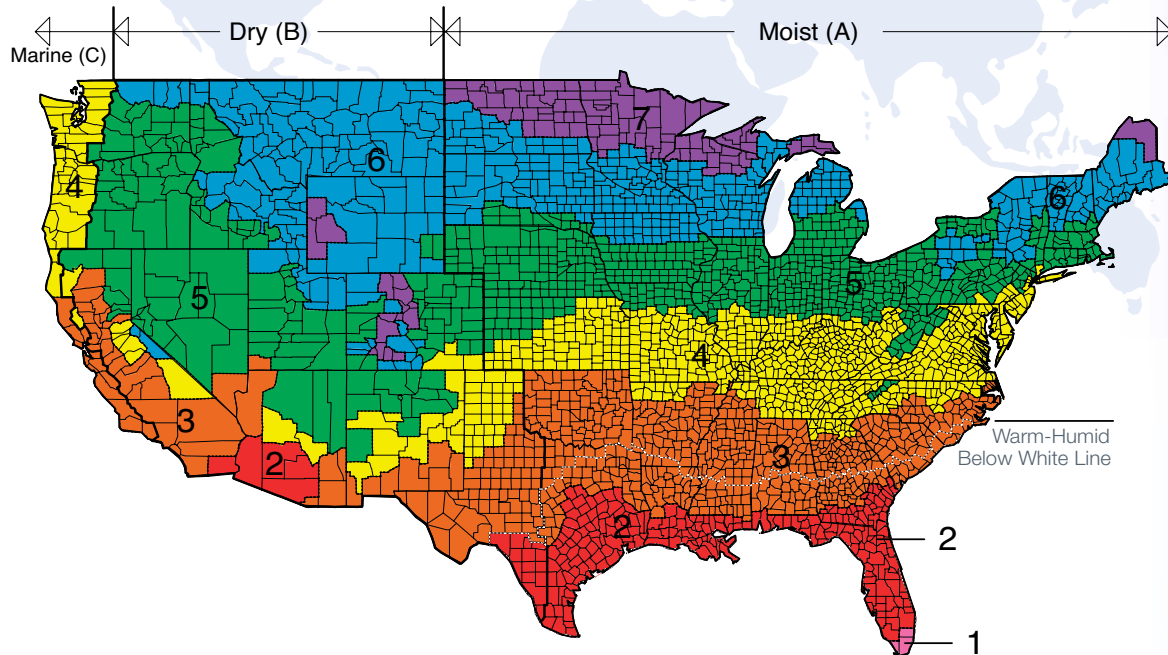


Series 19 mm Azo-Core™

Glass	U cog	U-factor	Glass	U cog	U-factor
Glass - 1 inch, double insulating			Glass - 1 inch, double insulating		
low E / argon / clear	0.25	0.29	low E / argon / clear	0.25	0.39
Glass - 1-3/4 inch, triple insulating			Glass - 1-3/4 inch, triple insulating		
low E / argon / clear / argon / low E	0.12	0.20	low E / argon / clear / argon / low E	0.12	0.29

Azon thermal barrier technology | windows storefront curtain wall

Intelligent technology for fenestration systems that require superior thermal and structural performance



All of Alaska in Zone 7 except for some Boroughs in Zone 8
Zone 1 includes Hawaii, Guam, Puerto Rico, and the Virgin Islands

Azo-Core™ offers higher performance options, thermal insulation and strength that meet or exceed all published codes from Miami to Minneapolis—more than any other system in the world!



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AZO/Tec®
Interdisciplinary team of designers, simulation services and testing



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