



enviro  sealed
windows™ with Duralite®



Duralite®
Flexible Spacer System

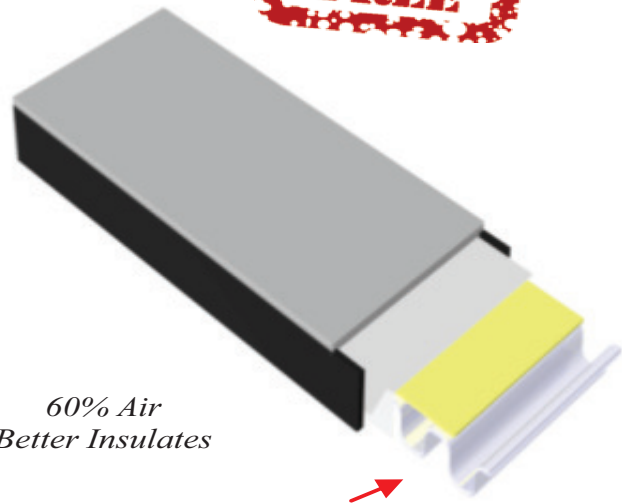


A. CERTIFIED SEAL INTEGRITY

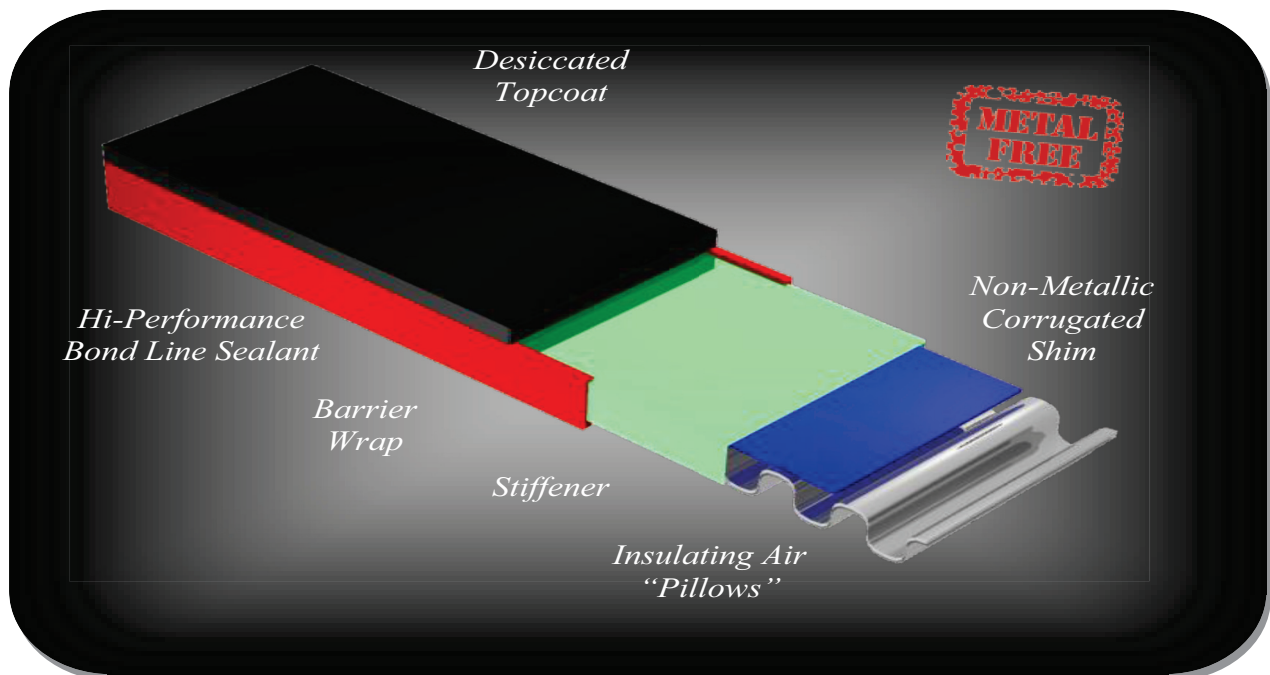
Independent Test Labs

(Insulating Glass Units ASTM E-2190)

1. Quality Assurance Program (audits)
2. Lowest Permeability Sealant
3. Desiccant Factory-Controlled and Encapsulated in Butyl Matrix
4. Three Continuous Flexible Corners
5. Laminated Barrier Prevents Moisture Infiltration
6. Flexible Design (less stress)
7. Globally Certified in over 65 Countries
8. Rigorous In-House Testing Programs
9. Billions of IGU's in Service
10. Over 350 manufacturers using Dura-platform spacer designs
11. ~25% of all *Energy Star*® window producers use Dura platform



60% Air
Better Insulates



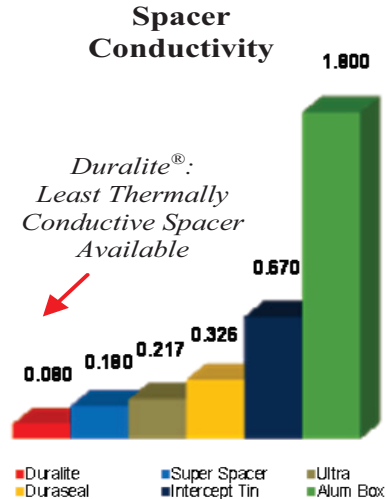
B. CERTIFIED THERMAL PERFORMANCE

Less Conductive Than Other Spacers

National Fenestration Rating Council (NFRC)

Thermal Results via Industry-Standard Protocols

1. No Metal (no thermal short-circuit)
2. 60% Air (insulates better)
3. Fights Conduction and Convection
4. Laminated Barrier
(impermeable to moisture vapor and gas molecules)
5. Spacer Conductivity (condensation)
6. Low-profile design (better thermals)
7. No secondary seal (better thermals)
8. Spacer and Frame: True System
9. Less Conductive
10. Butyl Adhesive Best to Insulate
11. ~50% of R-5 Certified Window Producers use *Duralite*[®]



C. IMPRESSIVE DESIGN FEATURES

Energy Savings is a Key Buying Appeal

Flexible Design Reduces Glass Stress

Bends Easily to Make Geometric Shapes

1. All-in-One Design (eliminates opportunities for workmanship error)
2. Reduces window factory scrap (compared to pumpable sealants)
3. Cleaner, safer, easier way to manufacture insulating glass (compared to other spacer systems)
4. Reduces thermal conductivity by up to 45%
5. Lowest U-value rating*
6. Best condensation resistance* (*when compared to other spacers)
7. Can improve a window's total U-value by up to 10% (lower U-values mean less wasted energy)
8. Pre-extruded for consistent bond lines at glass edges (prevent gaps and voids common with pumpable applied sealants)
9. Surrounds, traps, and maintains more argon gas longer to reduce energy costs (argon gas improves insulation)
10. Optimizes spacer components such as adhesives, sealant, desiccant, and structural elements (yields superior performance; extends product lifetime)

METAL FREE

