

HIGH PERFORMANCE, LOW MAINTENANCE.

A Natural Fit.



ECOLOGY

- Low Energy Consumption
- Smaller Carbon Footprint
- Durable, Sustainable Materials



ECONOMY

- Lower Energy Bills
- Low Ownership Cost
- Best-of-Class Warranty



COMFORT

- Low Air Infiltration
- High-Tech UV Protection
- Outstanding Sound Reduction





The Ecoshield Story

Energy Star

All Ecoshield Windows exceed all Energy Star standards for thermal efficiency. They rank among the world's top-performing windows.

NFRC

America's leading window rating agency gives Ecoshield their top rating for energy efficiency.

AAMA Durability

All frames and components are built to the exacting standards of the American Architectural Manufacturers Association.

Ecoshield Windows are designed to harmonize with your world.

Their high-efficiency design cuts energy use dramatically. The low-maintenance construction fits well with busy lifestyles. And with a best of class warranty, Ecoshield Windows are guaranteed to work beautifully for years. You'll save energy, save money and help save the planet.

It's a natural fit.

Ecology. Economy.

Ecoshield Windows offer the best of both worlds. With our Energy Star U-4 and DOE-R5 Glazing Package, they can lower the average home energy bill by 30 to 40 percent, and cut CO₂ output by 1,600 pounds per year.

How? With a highly durable, high-performance design that meets or exceeds the most rigorous energy standards.

Best of Class Warranty

- Lifetime Vinyl Extrusions
- Lifetime Mechanical Parts
- Lifetime Insulating Glass
- Glass Breakage Coverage



Casement



Patio Door



Half Round



Bay / Bow



Double Hung



Rolling



Specialty Shape



Sash tilts in for easy cleaning



The Ecoshield 4000 Series unites high-end elegance with strength and efficiency, for premium quality at an exceptional value.

4000 Double Hung

STANDARD

- Double Recessed Meeting Rail Locks
- Interlocking Sloped Sill, For Structural Integrity
- Slimline Sashes, for Maximum Glass & Viewing Area
- Quad Weather Stripping at Critical Contact Points
- Locking Half Screen
- Approved Forced Entry Locking System
- Tilt-In Sash for Easy Cleaning
- Dual Ventilation Latches
- Also in Rolling and Picture Window

OPTIONS

- Energy Star U-4 Glazing Package
- DOE R5* Triple Glazing Package
- Foam-Wrapped Frames
- Impact Rated
- Full Screen
- Multiple Colors Available
- Flat, Profile or SDL Grid Package



NFRC Thermal Performance Data – 4000

Glazing	U-Value	SHGC	VLT
DOE-R5	.20	.20	.36
Energy Star U-4	.24	.25	.44
Low E/Argon	.28	.26	.48
HP Low E	.31	.26	.48
Clear	.44	.57	.59

Ecoshield's R-5 certified glazing leads the industry in thermal performance. It allows larger, more dramatic architectural spaces without sacrificing comfort and efficiency.

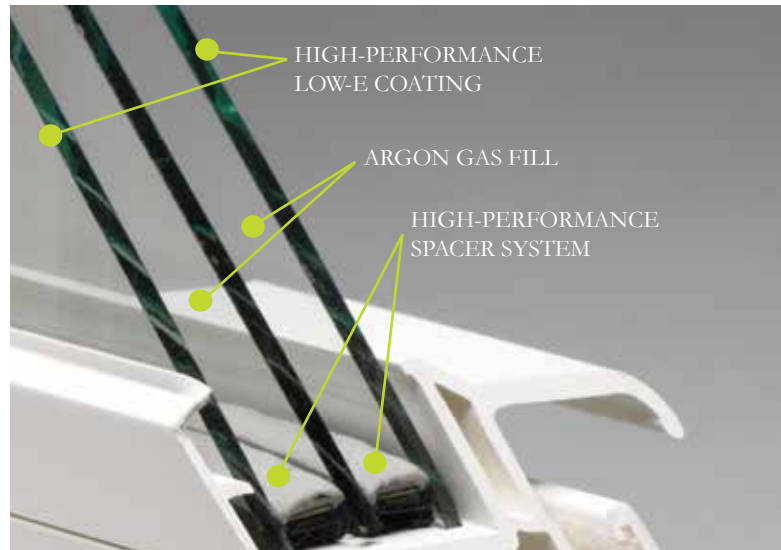
- Superior UV Protection
- Excellent Sound Reduction
- Class-Leading Thermal Performance

DOE-R5* Glass Package

- Insulated Triple Glass
- Double High-Performance Low E Coating
- Double Argon Gas Filling Between Panes
- High Performance Spacer System

*Based on U.S. Department of Energy R5 Building Technologies rating for high performance windows.

DOE-R5 Glazing Package



Ecoshield's broad color pallet allows a wide range of architectural looks and expressions. The hard enamel finish is applied in many designer colors and is UV cured for outstanding resistance to fading.

Ecoshield Colors

Standard Color Options



*All representations of colors are mechanically reproduced and may vary from the actual product. Terms and conditions apply.

Non-Standard Color Options



Energy Saving Solutions

Energy Solutions

Ecoshield's 4000 Series leads the industry in thermal design and materials. All styles easily exceed today's most rigorous Energy Star standards.

High-Performance Glazing

The 4000 Series glazing package was developed in partnership with one of the world's leading thermal design companies. The glass and spacer technologies represent some of the most innovative in the industry today.

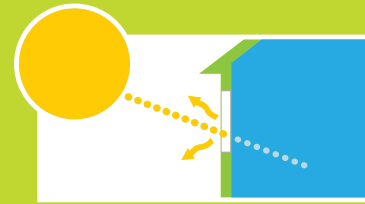
NFRC Thermal Ratings Defined

U-Value: The measurement of the rate of heat loss through a material. The lower the U-Value the better, or the less heat that is needlessly escaping.

Solar Heat Gain Coefficient (SHGC): The measurement of how well a product blocks heat from the sun. The lower the SHGC, the better a product is at blocking unwanted heat gain.

Visible Light Transmission (VLT): The measurement of how much light comes through a product. The lower the VLT, the better a product is at blocking Ultraviolet Rays.

Condensation Resistance Factor (CRF): The measurement of how well a product resists the formation of condensation. The higher the CRF number, the better a product is able to resist condensation.



Ecoshield's Low-e coating allows the penetration of light while inhibiting thermal exchange. Your home deflects heat in the summer and retain it in the winter.

Grid Options



Flat



Profile



SDL



A Natural Fit

- Limited Lifetime Warranty
- Over Seven Decades of Manufacturing Experience
- Electronic Ordering System
- Field Service Team
- Architectural Support
- Marketing Services
- Extensive Delivery Fleet
- Energy Star Labeled
- NFRC Certified
- AAMA Certified Extrusions

A Cleaner, Greener World

Ecoshield can cut your energy consumption by up to 40 percent, and your home's CO₂ output by 1,600 pounds per year.* No window on Earth is better for the planet.

Designed for Living

Ecoshield Windows come in a wide range of styles to complement almost any architecture. They're low-maintenance, high-performance, easy to clean, and a natural fit with any living room or lifestyle.

Built For Life

Ecoshield windows are backed by the strongest warranty in the industry today. With their high-grade hardware and high-impact components, Ecoshield Windows are built to last a lifetime.

Ecoshield Window Systems

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A Quality Product of Kasson Keller Inc.

