



ALPEN

HIGH PERFORMANCE PRODUCTS

America's Highest Performing Windows

HIGH PERFORMANCE WINDOWS, DOORS AND GLASS



ZENITH SERIES

SUPER-INSULATING FIBERGLASS • NORTH AMERICAN STYLE & OPERATION

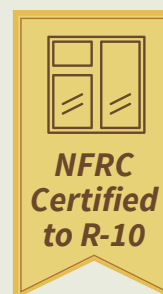
Combining the strength of pultruded fiberglass with North American style, sightlines and operation, these windows and doors deliver excellence in efficiency, comfort, craftsmanship and durability. By fusing the strength of fiberglass with the super-insulating power of suspended film Alpenglass™, the Zenith Series achieves both industry-leading

thermal performance and commercial grade structural capabilities. Offering monumental sizes, limitless styles and unparalleled comfort, the Zenith Series is one of the most versatile high performance windows on the market. Available in a range of optimized configurations to meet today's highest performance and requirements.



Available Window Types:

- Fixed
- Horizontal Sliding
- Casement
- Awning
- Single- and Double-Hung
- Radius and Custom Shapes
- Sliding Patio Doors





TYROL SERIES

FIBERGLASS-REINFORCED uPVC • EUROPEAN STYLE • TILT TURN OPERATION

Combining European styling and operation with ultra-strong insulated fiberglass reinforced uPVC frames, these best-in-class windows and doors are beautifully designed, exceptionally crafted and provide outstanding thermal and acoustic performance for your home or business. Tyrol Series windows and doors utilize German-engineered and manufactured

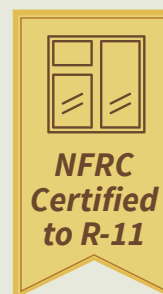
hardware, with multi-point locking systems and optional recessed hinges to assure decades of dependability, security and satisfaction.

Since this European-styled series is crafted in the United States, you receive all the benefits of short lead times, improved delivery schedules and local support and service.



Available Window Types:

- Fixed
- Tilt Turn
- Hopper
- Combination Units
- Side-Hinged Doors
- French Doors
- 2-Panel Tilt Glide Doors





COMMERCIAL RIBBON

COMMERCIAL-GRADE FIBERGLASS RIBBON WINDOWS

Alpen's commercial-grade fiberglass ribbon windows provide a balanced solution to meet the advanced thermal, structural and interior comfort needs of today's high performance commercial building market. Our advanced window and glass technology draws on 30 years of industry leadership in manufacturing the world's highest performance insulating

glass and windows. Alpen's commercial window systems feature R-values up to R8, virtually no air infiltration, and 99.5% UV blockage.

Alpen windows allow you to 'tune' your building by optimizing daylight transmittance and thermal performance—providing architectural freedom to design with larger glass than ever before.



Insulated fiberglass window frames

Structurally stable, low-thermal conductivity fiberglass pultrusions

Lightweight suspended coated film insulated glazing units manufactured by the world's most experienced fabricator

Unique IG configurations using low-e coatings on glass and film with argon- and krypton-filled cavities

Proprietary, NAMI Certified gas-retention system for pressure-equalization to any altitude



ALPEN HIGH PERFORMANCE PRODUCTS

ALPENGlass

HIGH PERFORMANCE, MULTI-CAVITY, INSULATING GLASS SOLUTION

Alpenglass™, powered by Next Generation Heat Mirror® technology, is one of the most advanced insulating glass systems on the market today. Able to achieve up to R20 center of glass R-values, Alpenglass™ can insulate as well as a typical wall.

By suspending a Heat Mirror® coated film securely between two sheets of glass,

Alpenglass™ offers unprecedented thermal insulation and comfort with its multi-cavity insulating glass solution. With such performance, windows utilizing Heat Mirror® insulating glass can substantially lower your energy bills, as well as protect you, your loved ones, and your cherished belongings from harmful UV rays.



Low U-factors provide exceptional thermal performance

A wide range of solar heat gain and protection options to meet project needs

OA glass thicknesses from 3/4" to 2" allow Alpenglass IGs to accommodate most glazing systems

The lightweight Alpenglass™ system delivers low U-factors while doing away with the excessive weight of traditional triple glaze units

Manufactured by the world leader in suspended coated film technology, with more than three decades of experience supplying world class projects





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WINDOWS THAT INSULATE LIKE WALLS