

SHAPES

U N L I M I T E D

ALUMINUM BUILDING PRODUCTS



Aluminum Window Screen Frames, Reinforcements and Components



CEO/PRESIDENT STATEMENT

Vision: We are the regional market leader in differentiated aluminum products and service solutions to the building products industry.

Mission: We are consistently challenging the status quo to develop value-added products and business solutions to meet our customers' evolving needs.

Values: With an empowered organization, using our values system to make our company and each team member successful as we strive toward our vision:

As aligned with our SHAPES Unlimited Values, "Our purpose is to build an exceptional and enduring business that contributes to elevating the building industry and its workforce through people-focused investments and business principles". To do so, the collaboration of all team members taking the needed ownership in ensuring that our quality is the benchmark for our industry is the objective.



Doug Rende
CEO and President | SHAPES Unlimited, Inc.

WINDOW SCREEN FRAMES, REINFORCEMENTS AND COMPONENT'S

Improve security and durability with aluminum window screen frames and reinforcements

Windows are a critical component of any building, offering natural light, ventilation and aesthetics. Even so there are potential vulnerabilities. Aluminum window screen frames and reinforcements are an effective way to improve performance, security, and longevity. This white paper explores the benefits, applications and best practices for selecting and maintaining aluminum window screen frames and reinforcements, emphasizing their role in both residential and commercial settings.

Introduction

Because windows play multiple roles in a building, aluminum has become a material of choice for enhancing attributes like function, beauty, security and energy efficiency. Aluminum is lightweight, corrosion resistant, and structurally sound. Here we will cover:

1. Window Screen Frames
2. Window Reinforcements

Advantages of Aluminum Screen Frames

Aluminum window screen frames are designed to hold window screens security in the window frame, providing protection from insects and debris while maintaining airflow and visibility. Benefits include:

- Durability – resistant to rust, warping and UV exposure
- Lightweight – easier to install and handle compared to heavier materials
- Customizable – available in various finishes and sizes with fitted components, and lineals for manufacturers to fulfil their own screens

Recent advancements have improved the functionality of screens such as:

- Slimline Profiles – provide an unobtrusive appearance while maximizing window size
- Enhanced Fastening Systems – preventing sagging or detachment over time
- Eco-Friendly Coatings – reduced environmental impact while improving weather resistance

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SHAPES Window Reinforcements

All buildings face challenges from extreme weather and rising security concerns. Aluminum reinforcements address these issues by:

- Improving structural integrity of windows and doors
- Enhancing securing reducing vulnerability to break-ins

Premium customized aluminum reinforcements, engineered to your specifications for strength, security and longevity. Perfect for residential, commercial and industrial window and door manufacturers.

Applications for Window Reinforcements

- Window and Door inter=locks. handle and hardware locations, mull bars, corners
- Impact resistance for hurricane prone regions
- Support for larger window panels like high-rise buildings
- Added security and protections for storefronts and office spaces

Advantages of Aluminum Reinforcements

- Lightweight yet strong
- Corrosion-resistant coating
- Design flexibility
- Customizable for each profile
- Eco-friendly material
- Domestic and international extruders
- Enhanced DP ratings
- Enhanced security
- Practical and affordable alternative
- Single-source solution combined with window screen frames and components
- Stocking capability with guaranteed volumes

Maintenance Guidelines

Aluminum requires minimal upkeep but benefits from occasional care. Clean frames with mild soap and water to remove dirt and debris. Inspect reinforcements for any signs of wear or loosening.

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Conclusion

Aluminum window screen frames with their components and window reinforcements provide versatile and reliable solutions for any window system. When you combine lightweight design with superior strength and durability, they meet the high demands of today's residential and commercial buildings. For architects, builders, manufacturers and homeowners seeking balance, beauty, functionality and security, aluminum is the material of choice,



REINFORCEMENTS FROM SIMPLE TO COMPLEX, ENGINEERED TO SPECIFICATIONS.

