

Bucalu Launches Fire Resilience Initiative to Support Los Angeles Wildfire Rebuild Efforts

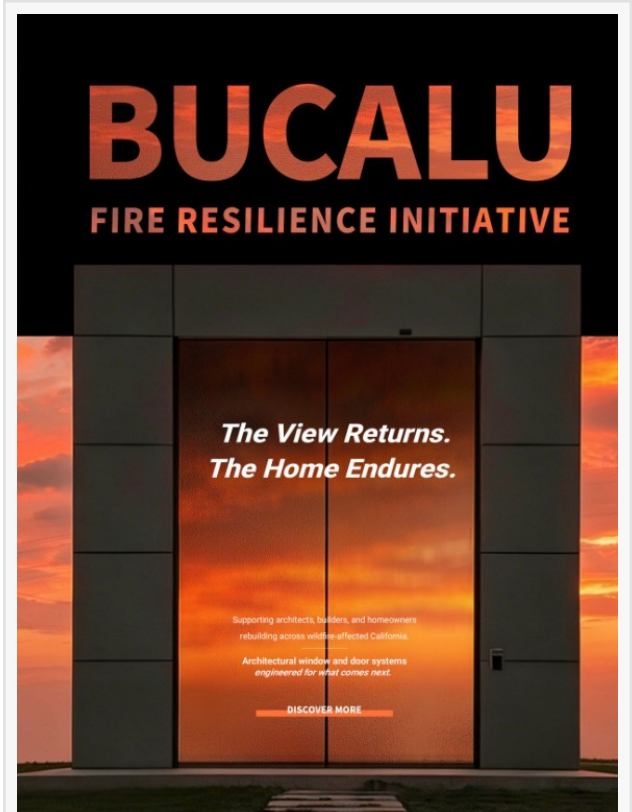
Specialized aluminum fenestration manufacturer brings precision-engineered systems and a new South Pasadena showroom to support the largest residential rebuild

SOUTH PASADENA, CA, UNITED STATES, April 30, 2026 /EINPresswire.com/ -- [Bucalu](https://www.bucalu.com), a dedicated architectural aluminum window and door manufacturer and the specialized fenestration division of HAOMEI Group (SZSE: 002988) — a publicly listed global aluminum manufacturer with 35 years of materials engineering heritage across aerospace, automotive, and architectural sectors — today announced the launch of its Fire Resilience Initiative (Bfri), a dedicated program designed to support homeowners, architects, and builders navigating wildfire reconstruction across Los Angeles County.

The initiative arrives as rebuilding efforts in Pacific Palisades, Altadena, and surrounding communities enter a critical phase. The January 2025 wildfires displaced an estimated 16,000 households — many in areas where construction must now meet California's increasingly stringent Wildland-Urban Interface (WUI) zone requirements. For design and construction professionals, that means every material specification carries consequence.

Bucalu's systems are developed drawing on HAOMEI Group's manufacturing and R&D infrastructure — a foundation built across sectors where material failure is not an option. That engineering discipline is what Bucalu brings, as an independent brand, to Los Angeles's rebuild.

"The window and door system is one of the most structurally critical, and most frequently underspecified, components of a fire-resilient home," said Jason Faithful, Director of Sales at Bucalu America. "Our role isn't to sell a product. It's to make sure the professionals and families involved in this rebuild have access to systems that will actually perform when it matters."



Bucalu Fire Resilience Initiative

The Science Behind the Opening

Research from the Insurance Institute for Business and Home Safety (IBHS) consistently identifies ember intrusion, not direct flame contact, as the leading cause of home ignition during wildfire events. Embers travel miles ahead of a fire front, entering structures through weatherstripping failures, frame gaps, and threshold clearances that conventional window and door systems were never designed to address.

Wood-framed systems are vulnerable to ignition from radiant heat alone. Vinyl alternatives risk structural deformation well below the temperatures generated in a WUI zone fire event. Once either system fails, the opening becomes an accelerant pathway into the structure.

Bucalu's aluminum systems are engineered around a different premise: that the frame, the seal, and the assembly must perform as a unified system, not as separate components that meet minimum code on paper.

Key engineering attributes include non-combustible aluminum construction that contributes no fuel load; multi-point compression sealing designed to maintain closure integrity under thermal stress; tight frame-to-frame tolerances that minimize gap formation as temperatures rise; and tempered glass as a standard specification, with laminated and triple-pane options for projects requiring enhanced performance. All systems are compatible with California's WUI zone building standards and current CBC requirements.

Design Without Compromise

For architects working in Southern California's rebuild zones, technical compliance is necessary, but insufficient. The homes coming back to Palisades and Altadena are being designed to last and they deserve systems that perform both structurally and architecturally.

Bucalu's ultra-narrow aluminum profiles, including the ROW100P casement window and RSD125P sliding door, achieve sightline dimensions previously associated only with steel, without steel's thermal conductivity or structural weight penalties. Floor-to-ceiling glazing, seamless indoor-outdoor transitions can be specified without sacrificing the performance characteristics WUI zones demand.

"We hear constantly from architects that they feel forced to choose between what the code requires and what the client wants," said Faithful. "That's the gap we've designed to close."

Fire Resilience Initiative: Four-Pillar Service Structure

Through the initiative, Bucalu provides the following support to qualifying rebuild projects in Los Angeles County:

Technical Consultation — Design-phase engagement to align architectural intent with WUI-compliant specification from the outset, reducing costly revisions during permitting and plan check.

Priority Documentation Support — Rapid quotation and streamlined specification packages aligned with insurance claim timelines and permitting workflows, including material response profiles and WUI compliance data to assist homeowners and their representatives in documenting Home Hardening necessity for coverage claims.

On-Site Application Guidance — Dedicated field support from specification through installation, ensuring system performance is not compromised at the construction phase.

Showroom Access — A physical environment in South Pasadena where architects, builders, and homeowners can evaluate systems at full scale, review technical documentation, and consult directly with the Bucalu team before committing to a specification.

Lunch & Learn: Fire-Resilient Design in Practice

As part of the initiative, Bucalu will host an invitation-only Lunch & Learn at its South Pasadena showroom. The session is designed for architects, developers, and construction professionals with active or upcoming rebuild projects in fire-affected zones.

The program will cover WUI zone specification strategy, real-world system performance under fire conditions, and design approaches that satisfy code without constraining architectural intent.

Attendance is limited. Priority invitations will be extended to professionals with active rebuild projects. To request an invitation, contact Katherine Yuan directly at 1-919-699-4399 or jingyuan@bucalu.com.

Showroom Now Open

Bucalu's America showroom is now open at 161 Pasadena Ave, Suite D, South Pasadena, CA 91030. The space was designed to give design and construction professionals, and the homeowners they serve, a meaningful point of contact with the systems they are considering: full-scale installations, hardware in hand, and a technical team available for direct consultation.

Showroom visits and project consultations can be scheduled by contacting Jason Faithful at 1-949-315-9922 or by visiting www.bucalu.com.

About Bucalu

Bucalu is a dedicated architectural aluminum window and door manufacturer — the specialized fenestration division of HAOMEI Group (SZSE: 002988), a publicly listed global aluminum manufacturer with 35 years of materials engineering heritage and over \$29 million invested annually in R&D across aerospace, automotive, and architectural applications.

Bucalu focuses exclusively on the design, engineering, and delivery of high-performance aluminum fenestration systems. Bucalu's North America portfolio includes ultra-slim aluminum systems (ROW100P, RSD125p and RD80), large-format sliding and folding door configurations, and custom architectural assemblies engineered for demanding environmental conditions and contemporary design standards.

Bucalu America is headquartered in South Pasadena, California, with showroom and technical support serving the greater Los Angeles region.

Visit www.bucalu.com for more information.

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