

Vitrabond[®] FR

Fire-Retardant Aluminum Composite Material

Design Without Compromise. Backed by Proof.

Vitrabond[®] FR is Fairview Architectural's premium 4mm fire-retardant aluminum composite material — engineered for architects who refuse to choose between aesthetic ambition and technical integrity. With a proprietary Thermal Reactive Core, True-Flat Technology™, and the Vitranar[®] Weather-Ready Shield™, it delivers the uncompromising finish quality and compliance documentation modern architecture demands.

Why Architects Choose Vitrabond[®] FR



Beyond Fire-Rated

The Thermal Reactive Core actively absorbs and dissipates heat — providing superior life safety assurance beyond static fire ratings. NFPA 285 compliant with TERs available.



Flawless Surface

True-Flat Technology™ eliminates oil-canning and rippling. Crisp, planar panels that showcase your design exactly as specified — panel one through the last.



Finish for Decades

Weather-Ready Shield™ — 70% PVDF Kynar coating with up to 30-year coastal warranty. 100+ standard finishes plus custom finishes available. Color integrity guaranteed.

Specification Confidence, Built In

- Complete CAD library and 3-part CSI specs — submittal-ready
- NFPA 285 documentation package for code review and building official submissions
- LEED contribution data; Recyclable aluminum for sustainability reporting
- Custom colors factory-matched; large single-batch coating runs available for multi-site programs requiring an exact match
- Vitranar[®] coating holds through bending and forming — no crazing, no callbacks

"The overall quality of this product exceeded my expectations to the point where I now specify Vitrabond on all of my projects."

— Architect, USA

Fairview Architectural North America

fairview-na.com

860-242-2711

helpdesk@fairview-na.com

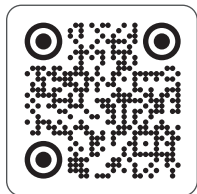


Technical Specifications at a Glance

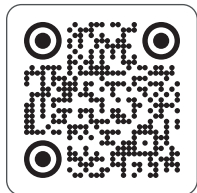
Panel Composition	4mm aluminum composite — 0.5mm aluminum skins bonded to Thermal Reactive Core
Core Technology	Thermal Reactive Core — active thermal management during fire events
Finish System	Vitrinar® flexible-resin — 70% PVDF Kynar, precision-coated
Flatness	True-Flat Technology™ — eliminates oil-canning and surface distortion
Fire Compliance	NFPA 285 compliant; TERs available; full fire-test documentation package
Finish Warranty	Up to 30-year coastal (non-prorated, transferable)
Material Warranty	20-year material warranty
Colors Available	100+ Vitrinar PVDF finishes; custom colors available
Sustainability	100% recyclable aluminum; LEED contribution data available
Documentation	3-part CSI specs, CAD files, NFPA 285 package



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fairview-na.com
860-242-2711
helpdesk@fairview-na.com

75 Peters Road, Bloomfield, CT 06002
Office: M–F 8:00am–5:00pm

