



Striated Finish vs. Vitranar

A flawless finish, by design.

How Vitranar® coating technology delivers the striation-free result that commodity coatings cannot, across every Fairview coil-coated product.



What is a striated finish?

Striations are unintentional linear streaks or directional banding in a painted metal surface. They reveal themselves in raking daylight, most visibly on metallic, brushed, and anodized-look finishes, and they show up at the worst possible moments: after fabrication, during installation, or once the scaffolding comes down.

A striated finish is the visible signature of a coating line that wasn't held to specification. It is not a defect that can be inspected out at the receiving dock. It is engineered in at the source, and either the coating line gets it right, or every panel on the facade carries the same flaw.

Why striations happen

A coil coating line is a precision operation. Paint film weight, roller pressure, oven temperature, line speed, and incoming coil prep all have to be held within tight tolerances, simultaneously. When any one of those variables drifts, the finish records the failure as visible striations, color inconsistency, or premature finish breakdown in the field.

Most commodity ACM and coated metal on the market is manufactured to prioritize throughput over precision. The economics of scale reward pushing the line faster, skipping incoming coil inspection, and minimizing rejections. The visible consequence for fabricators and architects alike is a finish that looks nothing like the approved specification sample.

Where commodity coatings fall short

- **Rigid PVDF chemistry.** Standard PVDF coatings crack, craze, or chip during tight-radius bending. Fabricators end up working around the coating, not with it.
- **Inconsistent film distribution.** Without controlled roll pressure and film-weight monitoring, the finish shows directional banding that becomes visible under real-world lighting.
- **Limited custom color capability.** Commodity operations run high volumes of standard finishes. True architectural custom color matching is either unavailable or carries long lead times.
- **No single-source accountability.** When finish defects surface post-fabrication, multi-tier distribution makes warranty resolution slow and inconclusive.

The Vitranar[®] difference

Vitranar[®] is Fairview's flexible resin coating technology, engineered for architectural fabrication and long-term appearance. It is applied under controlled factory conditions to every coil-coated Fairview product: Vitrabond[®] FR panels, Vitraplate[®] solid aluminum, Edgeline[™] flashing, and standalone Vitranar[®] coated coil for OEM applications.

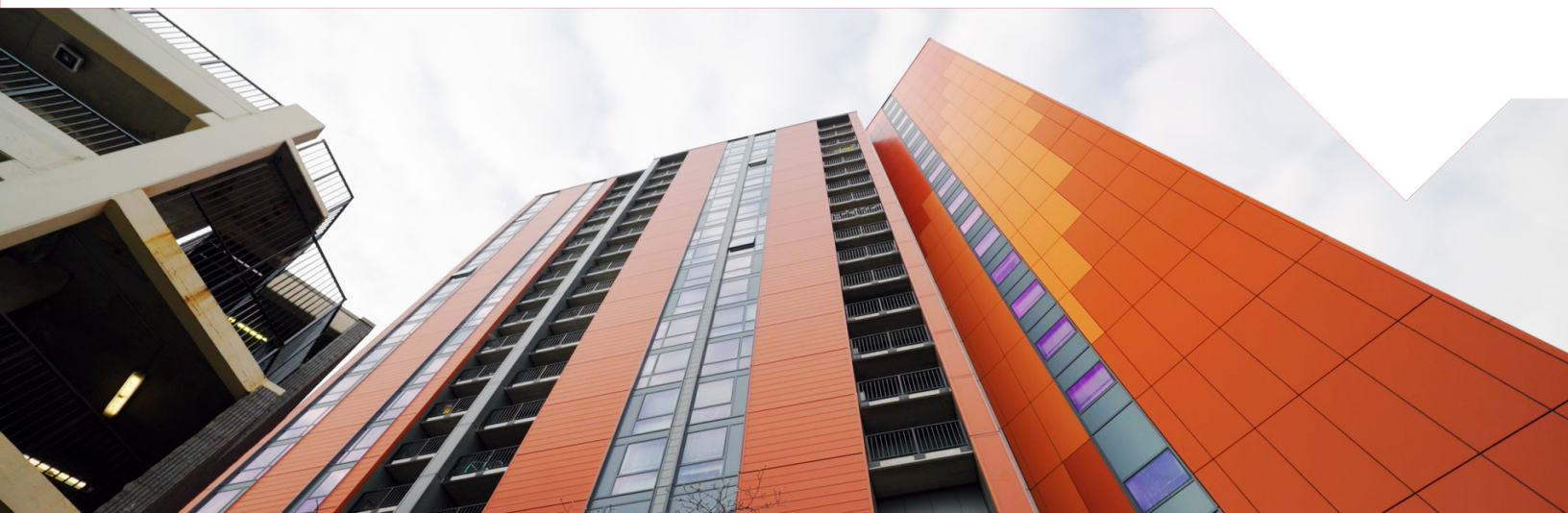
The same coating standard across every product means a designer or fabricator can specify multiple Fairview products on a single facade and get a guaranteed color match across all of them.

What Vitranar[®] delivers

- **Flexible resin technology.** Maintains elasticity after curing. Won't crack or craze on tight-radius bends or aggressive forming, the single most important technical differentiator versus competitor PVDF coatings.
- **Properly distributed finish.** Uniform film weight and color consistency from panel to panel and run to run. No striations. No directional banding.
- **Unlimited custom color matching.** Not a "large color library." Truly unlimited. Any color, competitive lead times.
- **40-year warranty available.** Factory-backed color fidelity and gloss retention, the longest coverage available in the market.

On Vitrabond[®] FR specifically

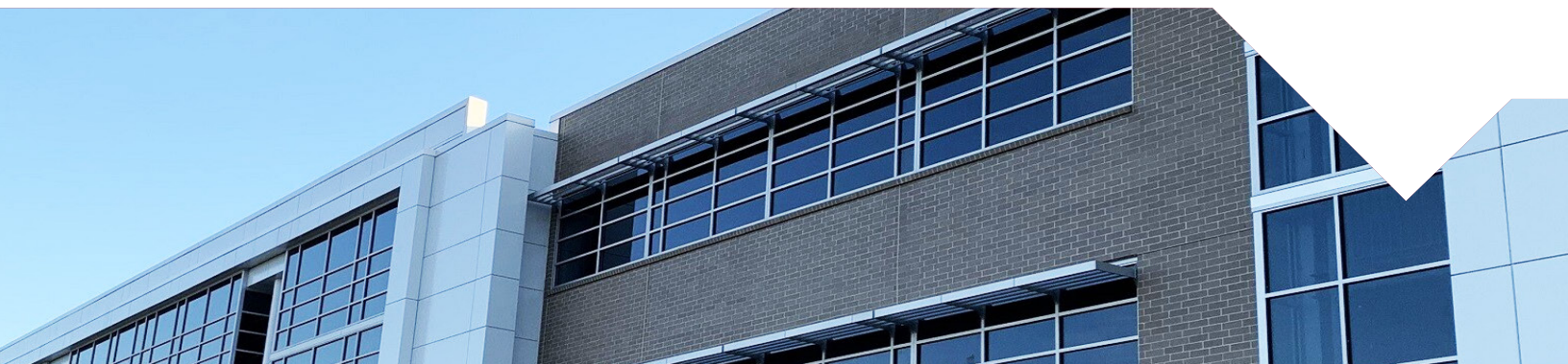
Vitrabond[®] FR pairs Vitranar[®] flexible resin with Weather-Ready Shield[™], a multi-layer 70% Kynar PVDF system. This is premium PVDF chemistry applied to a controlled coating line: the durability of best-in-class Kynar with the forming flexibility of Vitranar, on top of the proprietary Thermal-Reactive Core. It is a completely different product from the commodity-grade PVDF coatings most competitors ship.



At a glance: Striated Finish vs. Vitranar®



	Striated commodity finish	Vitranar® finish
Visual appearance	Directional banding visible under raking light, especially on metallic and brushed colors	Uniform, properly distributed panel to panel, run to run
Forming behavior	Rigid PVDF cracks or crazes on tight-radius bends	Flexible resin maintains integrity through aggressive forming
Custom color	Limited library; long lead times on true custom matches	Truly unlimited custom color matching with competitive lead times
Cross-product match	Multi-vendor sourcing; finish mismatches between panels and trim	One coating standard across Vitrabond® FR, Vitraplate®, Edgeline™ and Vitranar® coil
Warranty	Standard industry coverage	Up to 40-year factory-backed color and gloss warranty
Accountability	Multi-tier distribution slows defect resolution	Direct manufacturer support, single source from coil to flashing



One coating standard. Every Fairview product.

The Vitranar® standard applies across the entire Fairview coil-coated product line. Specify one product or specify all four, the finish, the fade rate, and the warranty are the same.

Product	Role	Finish system
Vitrabond® FR	Fire-rated ACM panels	Weather-Ready Shield™ (70% Kynar PVDF) + Vitranar® flexible resin
Vitraplate®	Solid aluminum panels	Vitranar® flexible resin coating
Vitranar® coil	Coated coil for OEM applications	The Vitranar® coating technology itself
Edgeline	Color-matched flashing & accessories	Vitranar® finish, color-matched to your panels

Vitranar® is not just “better paint.” It is a different coating chemistry, engineered specifically for architectural fabrication and long-term appearance.

The striation-free finish is one visible outcome. The forming flexibility, custom color capability, and decades of fade resistance are the others. A flawless finish cannot be inspected in at the receiving dock, it has to be engineered in at the coating line. That is what Vitranar® delivers, on every Fairview coil-coated product.

See the difference for yourself.

Request a [sample](#) from active production and compare it side by side with whatever’s currently on your project. The contrast is visible the moment the light hits it.

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