



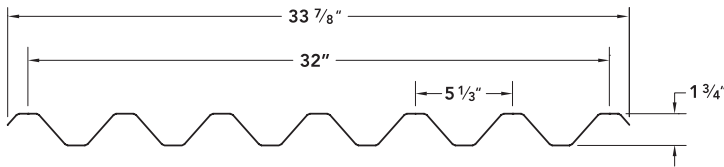
Lady Bird Johnson Middle School, Irving, TX



## V-BEAM EXPOSED FASTENER ROOFING & WALL PANEL

With superior strength and spanning capability, Fabral® V-Beam is a high-performance panel suited for both roof and wall applications. It can be applied in both vertical and horizontal orientations for design versatility. This exposed fastener panel, available in unlimited color options, is primed for use in demanding applications such as schools likely to see excessive use and abuse.

### PANEL SPECIFICATIONS



### WARRANTY COVERAGE

Fabral® provides a 30-year paint-finish warranty against cracking, chipping, peeling, fading, and chalking, providing confidence in a long-lasting application.

### PRODUCT INSTALLATION

Install panels plumb, level, and straight so they are watertight and without waves or other distortions, allowing for thermal movement considerations. Sealant tape or caulking should be applied as necessary at flashing and panel joints to prevent water penetration.



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ENDURING WARRANTY



TOTAL SYSTEMS SOLUTION



WEATHER RESISTANT



### DESIGN INFORMATION

- **Perforation Available Upon Request**
- **Roof Slope:** Minimum Required - 2:12
- **Purlin Spacing:** Maximum – 4' On-center
- **Field Curving:** Minimum Radius 200'
- **Panel Length:** Max. - 45' (Steel) 16' (Aluminum) Min. - 4'
- **Panel Width:** 32" (Steel) 42 2/3" (Aluminum)

### PRODUCT DESCRIPTION

- **Acceptable Product:** Fabral® V-Beam
  - **Class 4 Impact:** UL2218
  - **Class A Fire:** UL790
- Wind Uplift & Fastener Spacing calculations are available upon request.

**GRAVITY LOAD TABLE (PSF)** Note: Allowable loads based on AISI and Aluminum Association Specifications. Allowable loads are based on stress only.

SUBSTRATE	SPAN	4'-0	5'-0	6'-0	7'-0	8'-0	9'-0	10'-0	11'-0
26 ga. Steel	3	156	100	69	51	39	31	25	-
24 ga. Steel	3	210	134	93	68	52	41	34	28
22 ga. Steel	3	272	174	121	89	68	54	43	36
22 ga. Steel	3	324	200	144	106	81	64	52	43
18 ga. steel	3	427	273	190	139	107	84	68	56
.032" Aluminum	3	185	119	82	60	46	37	30	24
.040" Aluminum	3	256	164	114	84	64	51	41	34
.050" Aluminum	3	320	205	142	105	80	63	51	46

### PRODUCT MAINTENANCE

#### To Ensure the Durability of V-Beam Panels:

1. Use proper care.
2. Remove filings, grease, stains, marks, or excess sealants from the roof panel system to prevent staining.
3. Store panels and flashings in a safe, dry environment.



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