

FABRAL® THIN SEAM

BRIEF PRODUCT SPECIFICATION



Allegan Water Treatment Plant, Allegan MI, USA

"For the Allegan Water Treatment Plant, we conceived a barn-like feel to fit the context of the surrounding pastoral landscape. Metal was the first material that came to mind with its durability, low maintenance and color availability."

Jane M. Graham, A.I.A., Hubbell, Roth & Clark, Inc.

FABRAL CORE™

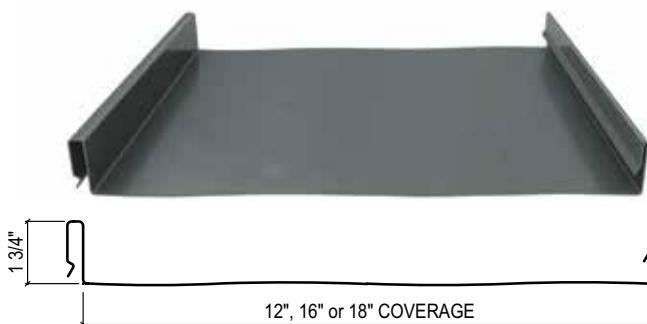
**You challenge us.
And we like it.**

Your vision for a building and what you want to achieve makes us think harder. It'd be easy to say - That won't work. Instead we go with - Let's see what we can do.

Fabral.com
800.884.4484

STANDING SEAM ROOF PANEL THIN SEAM

Thin Seam, an engineered, snap-together panel combines classic design and high performance. Panel seams snap together for easy installation with no mechanical seaming tools required. With standard 12", 16" and 18" widths available, panels can be tapered as needed and can be installed over open framing or solid substrates. Stiffening ribs or shadow lines available to meet various aesthetic and performance requirements.



(Product details on reverse)

FABRAL®

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MANUFACTURER DESCRIPTION

- Fabral®, 308 Alabama Blvd, Jackson, GA 30233
- Telephone: 800.884.4484
- Email: sales@fabral.com
- Website: www.fabral.com

PRODUCT DESCRIPTION

Acceptable Product:	Fabral® Thin Seam	
Air Infiltration:	ASTM E283	.009 @ 6.24 psf
Water Penetration:	ASTM E331	No water @ 15 psf
Wind Uplift:	ASTM E1592	Test results vary depending on gauge and panel thickness
	UL580	Class 90, #303, 359, 359A, 343, 417

WIND UPLIFT LOAD TABLE (PSF)

Substrate	Width	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"
24 ga. Steel	18"	30.30	30.18	30.06	29.94	29.82	29.70
22 ga. Steel	18"	48.48	44.81	43.76	42.71	41.66	40.61

DESIGN INFORMATION

- Roof Slope: Minimum required - 1:12
- Purlin Spacing: Maximum – 4' on-center
- Field Curving: Minimum radius 200'
- Panel Length: Maximum - 47' Minimum - 6' (field forming available)
- Panel Width: 12", 16", 18"

PRODUCT INSTALLATION

Install panels plumb, level and straight so it is watertight and without waves or other distortions, allowing for thermal movement considerations. Apply sealant tape or caulking as necessary at flashing and panel joints to prevent water penetration.

PRODUCT MAINTENANCE AND WARRANTY

Fabral® provides a 20 year paint-finish warranty for cracking, chipping, peeling, fading and chalking, and a wide selection of weathertightness warranties are available for up to 20 years – providing confidence in a long-lasting application.

To ensure the durability of your Thin Seam panels, use proper care. Remove filings, grease, stains, marks or excess sealants from roof panels system to prevent staining. Store panels and flashings in a safe, dry environment.

RECENT PROJECTS TO REFERENCE

Segment	Project Name	Location	Quantity	Architect/Distributor
Education	Kennesaw State University Soccer Stadium	Kennesaw, GA	200 sq	Gregory T Sweeny, Rossetti
Recreation	Mt. Washington Recreation Center	Cincinnati, OH	234 sq	Norrenbrock Co Inc.
Industrial	4.0 Cellar - Winery	Fredricksburg, TX		Mustard Design Architects
Education	La Grange College- Callaway Auditorium	LaGrange, GA	180 sq	Perkins & Will