

FABRAL® POWERSEAM™ II

BRIEF PRODUCT SPECIFICATION



Liberty University Commons, Lynchburg, VA, USA

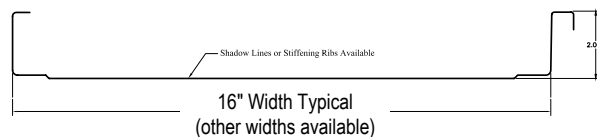
Fabral offers everything you need to make metal work for you.

Whether provided full building schematics or a back-of-the-napkin sketch, Fabral has the know-how, manufacturing and products to realize your vision.

Fabral.com
800.884.4484

MECHANICALLY SEAMED, STANDING SEAM ROOF PANEL SYSTEM POWERSEAM II

With superior strength and spanning capability, Fabral Powerseam II is a high-performance, mechanically seamed standing seam roofing system. With 180 degree machine seaming, field rollforming and the ability to curve to a minimum 10' radius, Powerseam II delivers performance and value to education, athletic and industrial projects. Shadow lines and stiffening ribs available.



(Product details on reverse)

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MANUFACTURER DESCRIPTION

- Fabral, 3449 Heapland Rd. Lancaster, PA 17601
- **Telephone:** 800.884.4484
- **Email:** sales@fabral.com
- **Website:** www.fabral.com

PRODUCT DESCRIPTION

Acceptable Product:	Fabral Powerseam II	
Air Infiltration:	ASTM E283	0.01 cfm/ft ² @ 15 psf
	ASTM E1680	<0.01 cfm/ft ² @ 1.57 psf
Water Penetration:	ASTM E331	No water leakage @ 6.24 psf
	ASTM E1646	No water leakage @ 2.86 psf
	ASTM E2140	No leakage of standing water
Wind Uplift:	ASTM E1592	Test results vary depending on gauge and panel thickness
	UL580	Class 90

WIND UPLIFT LOAD TABLE (PSF) DOUBLE LOCK

Substrate	Width	Spans	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"
24 ga. Steel	16"	3+	102	92	82	73	63	53	44

DESIGN INFORMATION

- Roof Slope: Minimum required - 1:12
- Purlin Spacing: Maximum – 5' on-center
- Field Curving: Minimum radius 200'
- Factory Curving: Minimum radius 10'
- Panel Length: Maximum - 65' Minimum - 4'
- Panel Width: 16"
- Tapering available upon request

PRODUCT INSTALLATION

Install panels plumb, level and straight so panels are watertight and without waves or other distortions. Allow 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 30 year paint-finish warranty for cracking, chipping, peeling, fading and chalking. Weathertightness warranties are available for up to 20 years.

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