

FABRAL® POWERSEAM™

BRIEF PRODUCT SPECIFICATION



Appalachian State University Gymnasium, Boone, NC, USA

FABRAL CORE™

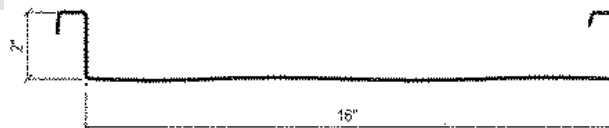
You challenge us.
And we like it.

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

MECHANICALLY SEAMED, STANDING SEAM ROOF PANEL POWERSEAM™

With superior strength and spanning capability, Fabral® Powerseam™ is a high-performance, mechanically seamed structural standing seam panel suited roofing applications. With 90 and 180 degree seaming, and the ability to curve to a 10' minimum radius, Powerseam is highly optimizable for your project. This standing seam roof panel, available with the unlimited color options inherent to all Fabral® products, is primed for use in demanding applications such as education and mixed use.



(Product details on reverse)

FABRAL®

FABRAL[®] POWERSEAM[™]

BRIEF PRODUCT SPECIFICATION

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 [®] Powerseam [™]	
Air Infiltration:	ASTM E283	0.01 cfm/ft ² @ 15 psf
	ASTM E1680	0.01 cfm/ft ² @ 20 psf
Water Penetration:	ASTM E331	No water leakage @ 6.24 psf
	ASTM E1646	No water leakage @ 20 psf
	ASTM E2140	No water leakage with standing water
Wind Uplift:	ASTM E1592	Test results vary depending on gauge and panel thickness
	UL580	Class 90, #90, 176, 180, 238, 548, 549

WIND UPLIFT LOAD TABLE (PSF) DOUBLE LOCK

Substrate	Width	Spans	1'-0"	1'-3"	1'-6"	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"
24 ga. Steel	16"	3+	-	107	103	94	84	75	66	57	47	38
22 ga. Steel	16"	3+	-	122	118	109	101	92	83	75	66	57
.040" alum.	16"	3+	157	148	140	122	104	87	69	52	-	-

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: 12", 16", 18"
- Tapering available upon request

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 Powerseam[™] 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
Industrial	Honda Transmission Manufacturing	Russel Point, OH		SRS, Inc
Education	Lee County School District Elementary Schools	Fort Myers, FL	717 sq	Crowther Roofing
Government	Hanger 753, Langley Air Force Base	Hampton, VA	600 sq	Roof Services Corp.
Transportation	Delta County Airport	Escanaba, MI	126 sq	Lindemann Group, Inc