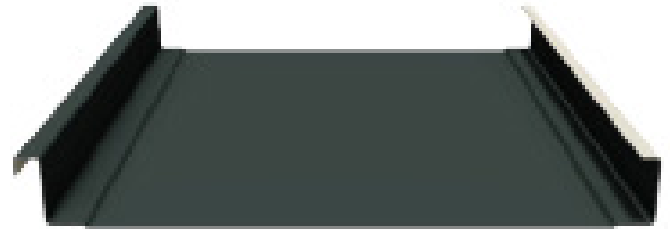




Easton Archery Center, Chula Vista, CA

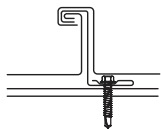
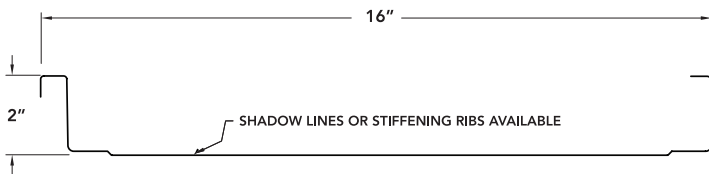


MECHANICALLY SEAMED, STANDING SEAM ROOF PANEL

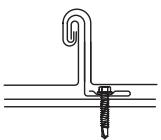
Fabral® PowerSeam™ II is a mechanically seamed structural standing seam roof panel with superior strength and spanning capability. With single and double-locked seaming and the ability to curve to a 10' minimum radius, PowerSeam™ II has unlimited color options inherent to all Fabral® products and is primed for use in demanding applications.

PANEL SPECIFICATIONS

Profiles will vary by region. Contact your Fabral® sales representative for more information.



SINGLE



DOUBLE

WARRANTY COVERAGE

Fabral® provides a 30-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.

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.



SERVING THE
INDUSTRY



LOCAL CUSTOMER
SUPPORT



ENDURING
WARRANTY



TOTAL SYSTEMS
SOLUTION



WEATHER
RESISTANT



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:** Max. - 65' Min. - 4'
- **Panel Width:** 12", 16", 18"
- **Tapering Available Upon Request**

PRODUCT DESCRIPTION

- Acceptable Product:** Fabral® PowerSeam™ II
- Air Infiltration:** ASTM E283 0.01 cfm/ft² @ 15 psf
 ASTM E1680 0.01 cfm/ft² @ 20 psf
- Water Penetration:** ASTM E331 No Water Leakage @ 6.24 psf
 ASTM E1646 No Water Leakage @ 20 psf
 ASTM E2140 No Leakage of Standing Water
- Wind Uplift:**** ASTM E1592
 UL580 Class 90, #90, 176, 180, 238, 548, 549
 FM* 1-60, 1-75, 1-90, 1-120, 1-165, 1-180
- Class 4 Impact:** UL2218
Class A Fire: UL790
FL approved*

* FM and FL approvals on PowerSeam™ only.
 ** Test results vary depending on gauge and panel thickness.

WIND UPLIFT LOAD TABLE (PSF) DOUBLE LOCK

SUBSTRATE	WIDTH	SPAN	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" Aluminum	16"	3+	157	148	140	122	104	87	69	52	-	-

PRODUCT MAINTENANCE

To Ensure the Durability of PowerSeam™ II 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.



SERVING THE INDUSTRY



LOCAL CUSTOMER SUPPORT



ENDURING WARRANTY



TOTAL SYSTEMS SOLUTION



WEATHER RESISTANT