



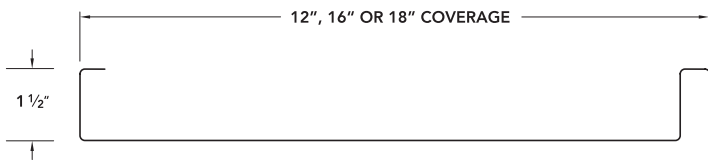
Queen Anne's County YMCA, Centerville, MD



### STANDING SEAM ROOF PANEL

Fabral® Twin-Fold II is a mechanically seamed low profile standing seam panel. This high-performance panel is ideal for roofing applications requiring tapering to ensure a perfect fit.

#### PANEL SPECIFICATIONS



#### 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.

#### To Ensure the Durability of Twin-Fold 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.

#### 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.

*†Spangle and Backer color may vary unless otherwise requested.*



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ENDURING WARRANTY



TOTAL SYSTEMS SOLUTION



WEATHER RESISTANT



### DESIGN INFORMATION

- **Panel Length:** Maximum - 47' Minimum – 6'
- **Standard Panel Width:** 12", 16", 18"
- **Minimum Width for Tapered Panels:** 1.5"
- **Minimum Pitch:** 1:12
- **Purlin Spacing Max 3'**
- **Shadow Lines and Stiffening Ribs Available**

### PRODUCT DESCRIPTION

- **Acceptable Product:** Fabral® Twin Fold II
- **Air Infiltration:** ASTM 283
- **Water Penetration:** ASTM 331
- **Wind Uplift:** UL580 & ASTM E1592
- **Class 4 Impact:** UL2218
- **Class A Fire:** UL790

### WIND UPLIFT LOAD TABLE (PSF) DOUBLE LOCK

SUBSTRATE	WIDTH	SPAN	2'-0"	2'-6"	3'-0"
24 ga. Steel	18"	3+	42.6	40.8	38.9

### MATERIAL TABLE

SUBSTRATE	PANEL WIDTH	COIL WIDTH	WEIGHT/SQ. PAINTED
22 ga. Steel	12"	15.75"	161.65 lbs.
22 ga. Steel	16"	19.75"	152.02 lbs.
22 ga. Steel	18"	21.75"	148.81 lbs.
24 ga. Steel	12"	15.75"	127.38 lbs.
24 ga. Steel	16"	19.75"	119.79 lbs.
24 ga. Steel	18"	21.75"	117.27 lbs.
.032 Aluminum	12"	15.75"	58.48 lbs.
.032 Aluminum	16"	19.75"	55.01 lbs.
.032 Aluminum	18"	21.75"	53.84 lbs.



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