

Allegan Water Treatment Facility, Allegan, MI, USA

"For the Allegan Water Treatment Plant, we concepted 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."

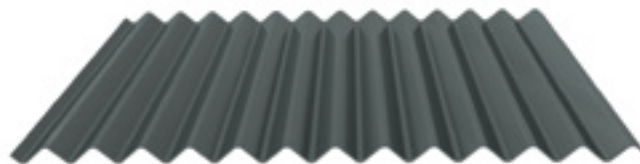
Jane M. Graham, A.I.A., Hubbell, Roth & Clark, Inc.

EXPOSED FASTENER ROOFING & SIDING PANEL

7/8" CORRUGATED

Fabral Corrugated panels are classically designed exposed fastener panels with multiple coverage and spacing options to choose from. With exceptional durability and unlimited color options, any one of Fabral's corrugated panels would be the perfect choice for function and creativity. The construction of corrugated panels allows them to follow every curve of your design where needed when installed vertically. And it's suitable for use on both wall and roof applications.

With corrugated panels your vision is limitless.



FABRALCORE™

**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.

PRODUCT DESCRIPTION

Acceptable Product: Fabral 7/8" Corrugated

Class 4 Impact: UL2218

Class A Fire: UL790

Wind Uplift & Fastener spacing calculations are available upon request

GRAVITY LOAD TABLE (PSF)

Substrate	Span	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
26 ga. Steel*	3	171	126	96	76	61	51	43	36	31
24 ga. Steel	3	163	120	92	72	59	49	41	35	30
22 ga. Steel	3	200	147	112	89	72	59	50	43	37
20 ga. Steel	3	235	173	132	104	85	70	59	50	43
18 ga. Steel	3	289	212	163	128	104	86	72	62	53
.032" Alum.	3	134	98	75	59	48	40	33	29	25
.040" Alum.	3	168	124	95	75	61	50	42	36	31
.050" Alum.	3	211	155	118	94	76	63	53	45	39

Note: Allowable loads based on AISI and Aluminum Association Specifications. Allowable loads are based on stress only.

*Grade 50

DESIGN INFORMATION

- Perforation available upon request
- Roof Slope: Minimum required – 2 1/2:12
- Factory Curving: Minimum radius 10'
- Panel Length: Maximum – 45' Minimum – 6'
- Panel Width: Maximum – 48" Minimum – 26"

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 30 year paint-finish warranty for cracking, chipping, peeling, fading and chalking – providing confidence in a long-lasting application.

To ensure the durability of your Corrugated 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.

*For all the most current color options and finishes from Fabral, review our Color Chart Brochure.