

# FABRAL® SILHOUETTE HCF SERIES™

## BRIEF PRODUCT SPECIFICATION



College Park Elementary School, Virginia Beach VA, USA

*“For the design of this elementary school project, we needed to visually break up the façade. The HCF Series gave us more color options and the flexibility to integrate color in the design.”*

Clay Dills, Dills Architects

**FABRAL**  
CORE™

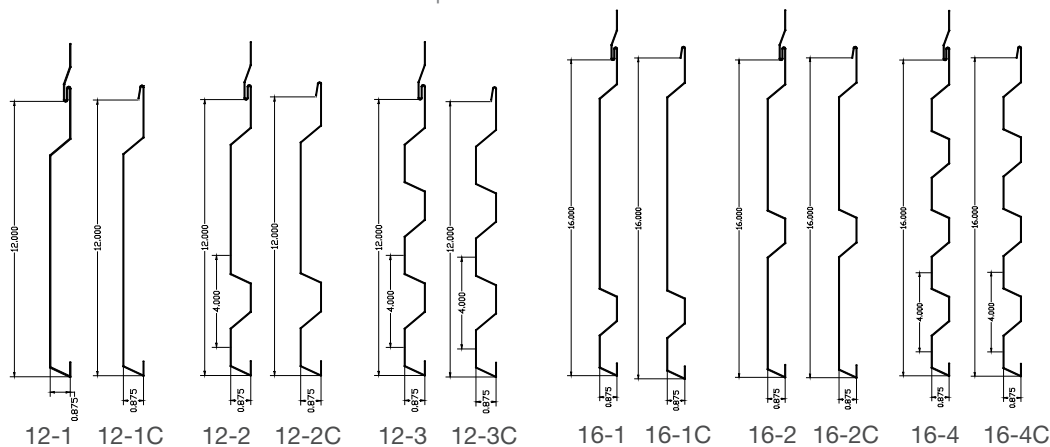
**You challenge us.  
And we like it.**

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

### CONCEALED FASTENER WALL PANEL SILHOUETTE HCF SERIES™

Fabral® Silhouette HCF Series™, a horizontal concealed fastener system, provides a range of profiles and configurations for architectural, commercial and industrial applications. With options of one to four ribs and multiple profiles, architects and designers have at their disposal the ultimate in design versatility in a strong, durable wall panel. An interlocking sidelap feature hides fasteners and is installed with or without clips to allow for thermal movement.



(Product details on reverse)

**FABRAL®**

# FABRAL® SILHOUETTE HCF SERIES™

## BRIEF PRODUCT SPECIFICATION

### MANUFACTURER DESCRIPTION

- Fabral®, 308 Alabama Blvd, Jackson, GA 30233
- Telephone: 800.884.4484
- Email: sales@fabral.com
- Website: Fabral.com

### PRODUCT DESCRIPTION

|                                |                                   |                                      |
|--------------------------------|-----------------------------------|--------------------------------------|
| <b>Acceptable Product:</b>     | Fabral® HCF Horizontal Wall Panel |                                      |
| <b>Air Infiltration:</b>       | ASTM E283                         | 0.01 cfm/ft <sup>2</sup> @ 20 psf    |
| <b>Water Penetration:</b>      | ASTM E331                         | No water leakage @ 20 psf            |
| <b>Structural Performance:</b> | ASTM E330                         | 24 ga steel - 2' spacing @ 54.55 psf |
|                                |                                   | 4' spacing @ 33.33 psf               |
|                                |                                   | .032" alum. - 2' spacing @ 48.48 psf |
|                                |                                   | 4' spacing @ 24.24 psf               |
| <b>Class 4 impact:</b>         | UL2218                            |                                      |
| <b>Class A fire:</b>           | UL790                             |                                      |

### WIND UPLIFT LOAD TABLE (PSF)

| Substrate    | Spans | 2'-0" | 2'-6" | 3'-0" | 3'-6" | 4'-0" |
|--------------|-------|-------|-------|-------|-------|-------|
| 24 ga. Steel | 3     | 54    | 48    | 43    | 38    | 33    |
| 22 ga. Steel | 3     | 60    | 53    | 48    | 42    | 37    |
| .032" alum.  | 3     | 48    | 42    | 36    | 30    | 24    |

### DESIGN INFORMATION

- Purlin Spacing: Maximum – 4' on-center
- Field Curving: Minimum radius 200'
- Panel Length: Maximum - 30'
- Panel Width: 12", 16"

### 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 Silhouette HCF 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

| Segment         | Project Name                     | Location        | Quantity | Architect/Distributor               |
|-----------------|----------------------------------|-----------------|----------|-------------------------------------|
| Healthcare      | Hand and Microsurgery Associates | Columbus, OH    |          | Trinity Healthcare Group            |
| Office Building | Landmark Office Building         | Wake Forest, NC |          | N.B. Handy Co                       |
| Education       | Georgia Tech CNES Lab            | Austell, GA     | 95 sq    | Abrams Architectural Products, Inc. |
| Education       | Lebanon Middle School            | Lebanon, NH     | 161 sq   | Palace Construction, Inc.           |