

## Siding Products Text-Only Specification

Use this form to specify the standard siding panel requirements for your project. It covers the Flexospan siding panels: Vertarib, FE 66 and FE 12. Or, use our convenient, online spec form. For more information or for nonstandard specifications, contact customer service.

### 1.0 Work Scope

Furnish, or furnish and install the metal siding system designated as

Vertarib     FE 66     FE 12

with related accessories as outlined in these specifications and drawings, where applicable. Material will be furnished by **Flexospan Steel Buildings, Inc.**, Sandy Lake, Pennsylvania. All other manufacturers shall be approved by the architect prior to the bid date.

### 2.0 Materials

Materials furnished under this specification shall be as follows:

**2.1 Exterior Panels** shall be manufactured from:

G-90 Galvanized, 26 ga     Galvalume/Acrylume, 26 ga     Stainless, 24 gauge     Aluminum, .032  
 G-90 Galvanized, 24 ga     Galvalume/Acrylume, 24 ga     Stainless, 22 gauge     Aluminum, .040  
 G-90 Galvanized, 22 ga     Galvalume/Acrylume, 22 ga     Stainless, 20 gauge     Aluminum, .050  
 G-90 Galvanized, 20 ga     Galvalume/Acrylume, 20 ga  
 G-90 Galvanized, 18 ga     Galvalume/Acrylume, 18 ga

Exterior panels shall be roll-formed and conform to the following profiles.

**2.2 Insulation** shall be Fiberglass-type blanket faced with WMP10 vinyl of the following thickness:

Two-inch  
 Three-inch  
 Four-inch  
 Six-inch

**2.2.1** Insulation for field-assembled sandwich panel is semi-rigid, unfazed fiberglass, batt style, 1.65# density, 2' x 4' friction fit into FL-24 liner panel cavity.

**2.3 Interior liner** shall be Flexospan FL-24 Liner Panel and be manufactured from G-90 Galvanized:

24 gauge  
 22 gauge  
 20 gauge  
 18 gauge

Liner panel shall have three stiffening ribs placed 6" on center and shall have an overall width of 24".

The liner panel shall be attached to the structural steel with No. 14 x 1" self-tapping screws or 12/14 x 1" self-drilling screws. The exposed side of the galvanized liner shall be:

Unpainted  
 0.2 mil primer w/ 0.8 mil finish, white poly  
 Flexshield (vinyl plastisol)

**2.4 Sub-Girts** shall be  $\frac{1}{2}$ " or  $\frac{3}{4}$ " and manufactured from 16- or 18-gauge galvanized steel and shall be attached to the liner panel at a maximum of 4' 0" on center. Sub-girts will be attached to the liner panel with No. 14 x  $\frac{3}{4}$ " sheet metal screws with hex heads, or 12/14 x 1" Tek 3, self-drilling screws with hex heads.

**2.5 Insulation: Sandwich Panels** shall be 1  $\frac{1}{2}$ "-thick, unfaced semi-rigid board. Insulation shall be friction fit and compressed behind the sub-girts.

**2.6 Exterior Panel Finish.** Exterior panels shall be finished with:

- Kynar500®/Hylar500®-type
- Siliconized polyester
- Flexshield (vinyl plastisol)
- Unpainted

### **2.7 Fastening of Exterior Panels**

#### **A. Exposed Fastener Panels**

Exposed fastener profiles shall be attached with No. 14, self-tapping screws or #12/14 self-drilling screws or when attached to a sub-girt with a No. 14 x  $\frac{3}{4}$ " sheet metal screw. When used with color-coated exterior panels, fastener heads shall be the same color as the panel. Fasteners used for attaching aluminum, stainless steel, or Galvalume/Acrylume shall be of an approved type.

#### **B. Concealed Fastener Exterior Panels**

Concealed fastener exterior panels shall be positive fastened only, no clip-type fastening shall be permitted. When fastened directly to structural steel, panels shall be attached with No. 14 x 1" self-tapping screws, or 12/14 x 1  $\frac{1}{4}$ " self-drilling screws. When used in conjunction with a FL-24 liner panel and sub-girt, the exterior panel shall be attached using No. 14 x  $\frac{3}{4}$ " sheet metal screws, or 12/14 x  $\frac{3}{4}$ " self-drilling screws.

**2.8 Flashing.** All flashing shall have the same gauge and finish as the exterior panel.

### **3.0 Installation**

**3.1 Tolerance Requirements.** No panels shall be erected if the structural steel does not meet the tolerances of the A.I.S.C. Code, Section 7. It is the responsibility of the contractor to examine this alignment before the panels are erected. The Contractor is responsible for properly installing the wall system and ensuring that all purlins or sub-framing members are properly installed.

**3.2 Appearance.** Due to the inherent tolerances of base metal, any flat surface panels could have some "oil canning". This will not be a basis for panel rejection.

**Products and Specifications are Subject to Change without Prior Notice.**

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**Flexospan Steel Buildings, Inc.**

P.O. Box 515, 253 Railroad Street, Sandy Lake, PA 16145  
Phone: (800) 245-0396 or (724) 376-7221 Fax: (724) 376-3864

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sales@flexospan.com