

PREFERRED NON-MASONRY MATERIAL FOR AREAS
KEYNOTED AS 13.03.2 - REF: 230926 Variance
Committee Submission

STRUKTUROC, Inc.

Embossed Wall Systems

Classic™

Embossed Wall & Fascia Panels (STK1000)



U.S. Patent Pending

- Classic Embossed is now available in your choice of Kynar finishes.
- The profile is a hidden fastener system exceeding today's Universal Building Codes. One of the strongest wall panels at 20 gauge, stands up to harsh environments' while offering a 30-year warranty against fade and minimizing unsightly surface distortion inherent among lighter gauge products.
- Classic Wall panels are easily applied by those persons erecting the building structure. This alone saves you money and eliminates the need for additional contractors on-site along with possible delays due to scheduling.
- Classic panel project is manufactured to your building specifications resulting in lower cost of erection and more timely completion.
- Classic is the perfect choice for new and renovation projects of all sizes.



Ash

Gray

Sandstone

Taupe

Linen

Khaki

Printed color samples may vary. See swatch sample for actual colors.

Embossed Wall & Fascia Panels

www.strukturoc.com

TYPICAL APPLICATIONS:

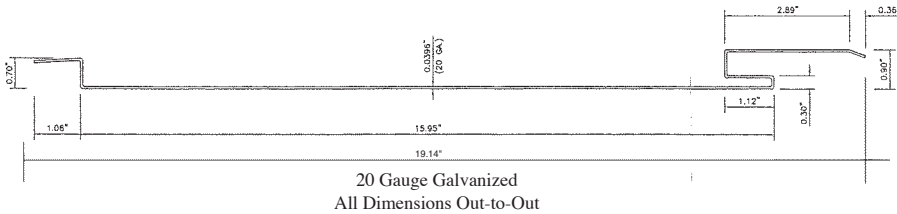
- | | |
|---|--|
| <ul style="list-style-type: none"> ➤ WAREHOUSES ➤ FAST FOOD FACILITIES ➤ SPORTS FACILITIES ➤ HOTELS ➤ NEW CONSTRUCTION ➤ MINI STORAGE ➤ AIRCRAFT HANGARS ➤ COMMERCIAL ➤ INDUSTRIAL ➤ MECHANICAL SCREENS | <ul style="list-style-type: none"> ➤ OFFICE BUILDINGS ➤ RETAIL FACILITIES ➤ MODULAR BUILDINGS ➤ CHURCHES AND TEMPLES ➤ SCHOOLS ➤ AIRPORT FACILITIES ➤ METAL BUILDINGS ➤ RENOVATION ➤ POST FRAME BUILDINGS ➤ SHOPPING MALLS |
|---|--|

GENERAL INFORMATION:

Substrate: 20ga. G90 Galvanized Steel
 Finish: Kynar
 Length: Max. length 26' Min. 14"
 Trim Profiles: 24 gauge
 Color: Standard and Custom
 Non-Insulated
 Hidden Fastener
 Fastener: View Chart
Note: Flat panels are subject to surface distortion and not considered cause for rejection.

TESTING:

- Adhesion-ASTM D2794
- Formability-ASTM D1737
- Color Retention-ASTM G26
- Structural-ASTM E1592
- Racking Shear-ASTM E72-80
- Water Soak-ASTM D870
- Salt Spray-ASTM B-117
- Weathering-G23
- Missile Test-ASTM E1886
- Cyclic Pressure-ASTM E1996



ALLOWABLE UNIFORM WIND PRESSURE ^{1,3,5} , PSF (POSITIVE/NEGATIVE)							
Section	Center-to-Center Support Spacing ^{2,4}						
	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"
Profile A ⁴	+60/-60	+60/-60	+60/-60	+59/-60	+46/-60	+37/-50	+30/-42

1. Tabulated pressures are taken as the lesser value determined from bending strength in accordance with the 2007 *ALSI Cold Formed Steel Specification*, and the maximum test pressures obtained using ASTM E330-02, as outline in NTA, Inc. test report TAS111504-19.
2. Pressures are for panels continuous over three for more supports (four spans minimum). Maximum panel length limited to 26 feet.
3. Deflection limit of L/120 is not exceeded under the pressures above.
4. Panels must be secured to a *Hat-Channel Support* at each support location. Panel must be secured to each flange of hat-channel. Connections must be designed by others for the required loads, but the fasteners used should not be less than (1) 1/4x7/8-in. self drilling screws into each flange of the hat-channel. Hat-channel must be fully supported by a purlin or girt.
5. The wind load is permitted to be taken as 0.7 times the "component and cladding" loads for the purpose of determining deflection limits (Ref. IBC Table 1604.3, note f).

ULTIMATE AVERAGE PULLOUT

VALUES IN METAL (POUNDS)

FASTENER	STEEL GAUGE	VALUE
T-1 14-14X7/8" (pnl to hat)	22	428
	20	562
	18	800
T-3 12X1 1/4" (hat to girt)	22	293
	20	346
	18	613
	16	880

VALUES IN WOOD (POUNDS)

FASTENER	PLYWOOD	2X4 PINE
14-10X1"	1/2" - 278	1" - 810
	3/4" - 631	1 1/4" - 1103

For Information Contact: