



ENGLERT™

SERIES 1300 PANEL SYSTEM Architectural System for Commercial and Residential

1" & 1 1/2" Architectural Mechanically Seamed Panel System

Englert's Series 1300 offers the same architectural detailing capability as architectural snap-lock panels. Smooth transitions from the roof surfaces to mansards, fascia, walls and soffits—but with the structural strength and weather-tightness advantage of a mechanically seamed system. The 1300 series is designed for sloped roofs and other exterior surfaces of light commercial and residential projects.

System Applications

- Light duty for residential and commercial use
- 1/2"/12" minimum slope
- Should be installed over a solid deck
- Requires seam sealant if air and water tests are specified
- Tight radius machine curving is available

Substrates

- 26 and 24 gauge steel
- .032" aluminum
- 16 oz. and 20 oz. copper

Finishes

Englert's Series 1300 system is available in a wide variety of coatings and colors. See the Englert color card for our full range of standard colors and paint system specifications.

Englert can match the color of virtually any material — including brick, wood and fabric — with short lead times as needed. Custom colors are available in quantities as low as 5,000 lbs. on steel or aluminum.



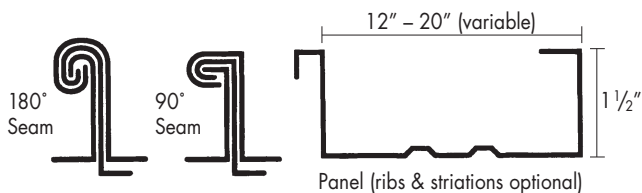
System Warranties

- Galvalume Plus® — 25-year steel warranty on acrylic coated Galvalume®
- PermaColor 3500 — 35-year steel or aluminum warranty on Kynar 500®/Hylar 5000® coating
- PermaMetallic 2000 — 20-year steel or aluminum warranty on Kynar 500®/Hylar 5000® coating
- Terne coated stainless steel, Type II by Follansbee — 20-year coating warranty

Ratings and Certifications

- UL-90 rated over 1/2" plywood at 16" wide with clips at 48" o.c. (24 ga. steel)
- ASTM-E-1646-95 water penetration tested
- ASTM-E-1680-95 air infiltration tested
- ASTM-E-1592-98 uplift tested
- ASTM-E-84 Class A fire rating on coating and substrate
- Metro-Dade County certified

Series 1300 1" & 1 1/2" Mechanically Seamed



Allowable Uniform Live Load (PSF)

No. of Spans	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"
12" Width — 24 ga. steel					
2	168	108	75	55	42
3 or more	208	134	94	69	52
16" Width — 24 ga. steel					
2	127	81	56	41	31
3 or more	158	102	71	52	39
20" Width — 24 ga. steel					
2	102	65	45	33	25
3 or more	128	82	56	41	31

Notes: Load values shown may be increased by 1/3 for allowable wind load. Although Series 1300 does have spanning capability we do not recommend use of this system over open framing.

Technical Support

For technical assistance, guide specifications, construction details or more information about our extensive range of standard and custom finishes, call Englert at 732-826-8614. To reach the closest Englert office call 800-610-1975.

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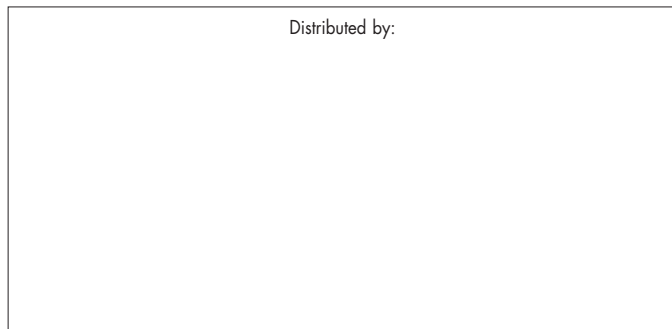
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