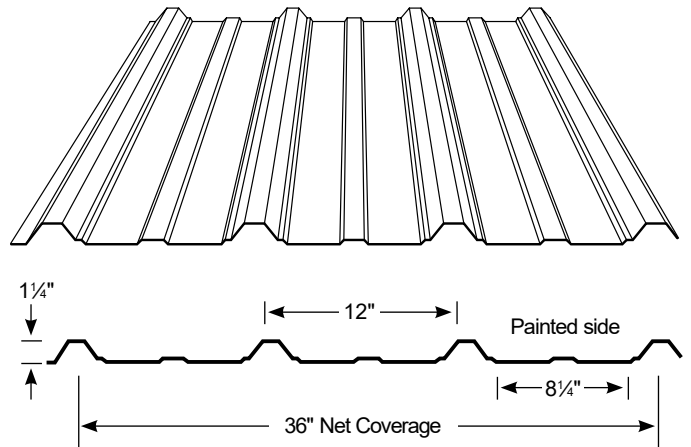


**Super-Span** is an economical, structural, through-fastened roof or wall panel suitable for general usage.


**Super-Span** is ideal for carports, equestrian housing, farm equipment storage or other post-frame buildings.



Properties									Standard Finishes	
Gauge	Base Steel Thickness (in)	Yield (ksi)	Tensile (ksi)	Wt. (lbs/ft <sup>2</sup> )	I+ (in <sup>4</sup> /ft)	S+ (in <sup>4</sup> /ft)	I- (in <sup>4</sup> /ft)	S- (in <sup>4</sup> /ft)	Metallic Coating	Paint System
26	0.0173	80	82	0.85	0.0481	0.0386	0.0390	0.0455	AZ50	Dura Tech™ <i>nt</i>
24	0.0232	50	65	1.15	0.0633	0.0653	0.0547	0.0625	AZ50	Dura Tech™ 5000 (polyvinylidene fluoride) or Dura Tech™ <i>mx</i> (metallic polyvinylidene)
22	0.0294	50	65	1.45	0.0833	0.0874	0.0722	0.0800	AZ50	

**NOTES:** The moments of inertia, I<sup>+</sup> and I<sup>-</sup>, presented for determining deflection are:  $(2I_{\text{Effective}} + I_{\text{Gross}})/3$

## standard features

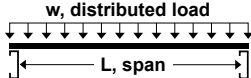
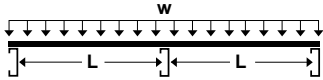
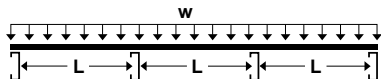
- Minimum recommended slope 3:12.
- Gauges: 22ga, 24ga and 26ga in standard finishes.
- Refer to AEP Span Color Charts for full range of color options and paint systems.
- Custom manufactured panel lengths: 6'-0" to 50'-0".
- Matching fiberglass panels available.
- Purlin-bearing leg speeds installation and improves the quality of panel side laps providing a consistent weather resistant joint.
- Testing: ASTM E1680 (air infiltration) and ASTM E1646 (water infiltration). All testing performed by accredited third-party.
- Roof assemblies Class A Fire Rated when installed on non-combustible deck or framing per IBC or IRC or when installed in accordance to UL listings (UL790). Wall assemblies rated for fire resistance (UL263) when installed in accordance with UL listings.
- Building Code Approval Report: IAPMO-UES #ER-0550. 
- Manufactured in Fontana, CA. and Tacoma, WA.

## optional features

- Short cut sheets from 6'-0" to 1'-0". Additional fees and lead times may apply.
- Custom colors, thick film primer and/or clear coat paint finishes available. Subject to 4,500 square feet minimum order.
- Perforation options available for an additional charge. Minimum order size 1,500 square feet. Select from standard perforation patterns with open areas of 7.8%, 13.8%, 23.4%, 30.6% or 41.4%.
- Crimp curving:
 

Gauge	Maximum Length	Minimum Outside Radius
24	30'-0"	24"
22	30'-0"	36"
- Stucco embossed available in 26ga, 24ga and 22ga. Subject to minimum order size of 1,500 square feet.
- Steel conforming to Buy America available. Inquire for more information.

Gauge	Span	Cond.	Allowable Inward Loads (lbs/ft <sup>2</sup> ) per Span (ft.-in.)								
			2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"
26	Single Span	ASD, W/Ω	231	148	103	75	58	37	26	19	14
		L/180	-	-	-	-	-	34	19	12	8
	Double Span	ASD, W/Ω	255	166	117	87	66	42	30	22	17
		L/180	-	-	-	-	-	-	-	-	-
	Triple Span	ASD, W/Ω	312	205	145	108	83	53	37	27	21
		L/180	-	-	-	-	-	-	37	23	15
24	Single Span	ASD, W/Ω	326	209	145	106	82	52	36	27	20
		L/180	-	-	-	-	-	44	26	16	11
	Double Span	ASD, W/Ω	297	193	135	100	76	49	34	25	19
		L/180	-	-	-	-	-	-	-	-	-
	Triple Span	ASD, W/Ω	366	239	168	124	96	61	43	31	24
		L/180	-	-	-	-	-	-	-	30	20
22	Single Span	ASD, W/Ω	436	279	194	142	109	70	48	36	27
		L/180	-	-	-	-	-	58	34	21	14
	Double Span	ASD, W/Ω	382	248	174	128	98	63	44	32	24
		L/180	-	-	-	-	-	-	-	-	-
	Triple Span	ASD, W/Ω	469	306	215	159	122	78	54	40	30
		L/180	-	-	-	-	-	-	-	-	27

Inward Loads	Single Span		<p><b>NOTES:</b>                      Top values based on allowable stress (ASD). Bottom values based on a deflection limit of L/180.                      "-" denotes that the allowable load is limited by the panel stress vs. deflection limit.                      Steel conforms to ASTM A653 (Galvanized) or ASTM A792 (ZINCALUME) structural steel.                      Tabulated values are for positive (inward) uniform loading only.                      Values are based on the American Iron and Steel Institute "Cold Formed Steel Design Manual" (AISI S100-12).                      Refer to <a href="http://www.aepspan.com">www.aepspan.com</a> for more complete Super-Span performance data.</p>
	Double Span		
	Triple Span		

**Oil Canning** : All flat metal surfaces can display waviness commonly referred to as "oil canning". "Oil canning" is an inherent characteristic of steel products, not a defect, and therefore is not a cause for panel rejection.

