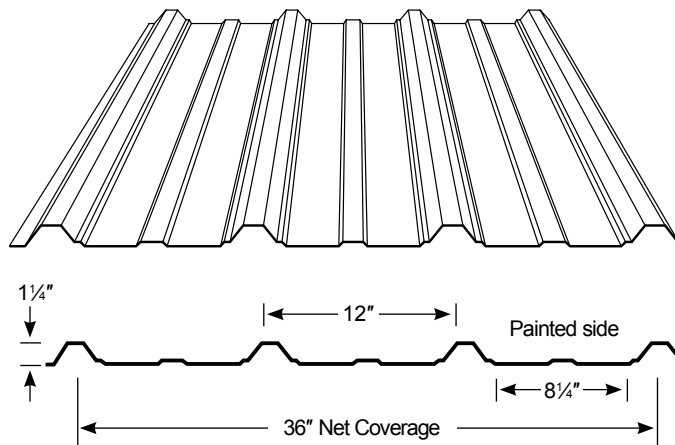


Super-Span[®] Roof and Wall

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 ²)	I+ (in ⁴ /ft)	S+ (in ³ /ft)	I- (in ⁴ /ft)	S- (in ³ /ft)	Metallic Coating	Paint System
26	0.0173	80	82	0.88	0.0400	0.0368	0.0364	0.0450	AZ50	Cool Dura Tech [®] <i>nt</i>
24	0.0232	50	65	1.16	0.0600	0.0619	0.0509	0.0614	AZ50	Cool Dura Tech [®] 5000 (polyvinylidene fluoride) or Dura Tech <i>mx</i> (metallic polyvinylidene)
22	0.0294	50	65	1.47	0.0778	0.0781	0.0644	0.0781	AZ50	

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

standard features

- Custom manufactured sheet lengths from 5'-0" to 45'-0."
- Available in 26ga, 24ga and 22ga in standard finishes – refer to AEP Span Color Charts for full range of color options and paint systems.
- Zinalume[®] coated substrate, per ASTM A-792, is standard and backed by a corrosion warranty on painted or unpainted panels.
- Meets IBC requirements for wall and roof panels in accordance to Chapters 14 & 15.
- Performance testing:
 - Air – ASTM E1680
 - Water -ASTM E1646
- All colors meet a minimum SRI of 29 and one color, Regal White has a SRI of 85.

optional features

- Short cut sheets from 5'-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 sq feet. Select from standard perforation patterns with open areas of 7.8%, 13.8%, 23.4%, 30.6% or 41.4%.
- Crimp curving:
 - 24 gage – max length 30'-0", Min outside radius 24"
 - 22 gage - max length 30'-0", Min outside radius 36"
- Stucco embossed available on 26ga, 24ga and 22ga. Subject to min. order size of 1,500 square feet.
- Steel conforming to Buy America available. Inquire for more information.

* Inquire with AEP Span representative regarding premium Vintage[®] and Dura Tech[®] Dimensional Prints availability.

Super-Span[®] Roof and Wall

Gauge	Span	Cond.	Allowable Inward Loads (lbs/ft ²) per Span (ft.-in.)										
			3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"
26	SS	f	98	72	55	44	35	29	24	21	18	16	14
		L/180	-	-	55	38	28	21	16	13	10	8	7
	DS	f	120	88	67	53	43	36	30	26	22	19	17
		L/180	-	-	-	-	-	-	-	-	-	-	16
	TS	f	150	110	84	67	54	45	37	32	27	24	21
		L/180	-	-	-	-	-	-	36	28	22	18	15
24	SS	f	137	101	77	61	49	41	34	29	25	22	19
		L/180	-	-	-	58	42	32	24	19	15	12	10
	DS	f	136	100	77	61	49	41	34	29	25	22	19
		L/180	-	-	-	-	-	-	-	-	-	-	-
	TS	f	170	125	96	76	61	51	43	36	31	27	24
		L/180	-	-	-	-	-	-	-	-	-	-	23
22	SS	f	173	127	97	77	62	52	43	37	32	28	24
		L/180	-	-	-	75	54	41	31	25	20	16	13
	DS	f	173	127	97	77	62	52	43	37	32	28	24
		L/180	-	-	-	-	-	-	-	-	-	-	-
	TS	f	217	159	122	96	78	64	54	46	40	35	30
		L/180	-	-	-	-	-	-	-	-	-	-	29

LOADING TABLE LEGEND	
f - Load limited by flexural bending stress	
L - Span (Inches)	
L/180 - Load limited by a deflection of 1/180 of the span	
w - Distributed load	
Inward Loads	SS-Single span
	DS-Double span
	TS-Triple span

NOTES:

- Top values based on allowable stress.
Bottom values based on allowable deflection of L/180.
- "-" denotes that the allowable load is limited by the allowable flexural bending stress.
- Steel conforms to ASTM A653 (Galvanized) or ASTM A792 (Zincalume) structural steel.
- Tabulated values are for positive (Inward) loading only.
- Values are based on the American Iron and Steel Institute (AISI) "Cold Formed Steel Design Manual" (2007 Edition).

Specifications subject to change without notice.

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.