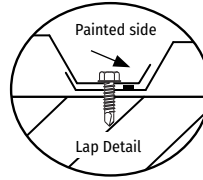


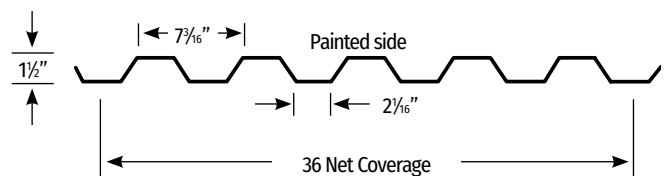
Reversed HR-36® Siding



Reversed HR-36 is an economical, structural, exposed-fastener siding panel suitable for general usage.



Reversed HR-36 (typical siding applications)



Properties									Standard Finishes	
Gauge	Base Steel Thickness (in)	Yield (ksi)	Tensile (ksi)	Wt. (lbs/ft²)	I+ (in⁴/ft)	S+ (in³/ft)	I- (in⁴/ft)	S- (in³/ft)	Metallic Coating	Paint System
26	0.0173	80	82	0.89	0.0872	0.0627	0.0888	0.0768	AZ50	Cool Dura Tech™ nt
24	0.0232	50	65	1.20	0.1200	0.1135	0.1267	0.1277	AZ50	Cool Dura Tech™ 5000 (polyvinylidene fluoride) or Cool Dura Tech™ mx (metallic polyvinylidene)
22	0.0294	50	65	1.51	0.1600	0.1564	0.1600	0.1766	AZ50	
20	0.0354	40	55	1.82	0.2000	0.2102	0.2000	0.2379	G90	

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

standard features

- 36" coverage wall panel.
- Siding Installation: Horizontal or Vertical.
- Gauges: 22ga, 24ga and 26ga in standard finishes and 20ga available in ZINCALUME® Plus.
- 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 polycarbonate panels available.
- Testing: ASTM E283 (air infiltration) and ASTM E331 (water infiltration). All testing performed by accredited third-party.
- Wall assemblies rated for fire resistance (UL263) when installed in accordance with UL listings.
- Building Code Approval Report: #ER-0550.
- Manufactured in Sacramento, CA.



optional features

- Short cut sheets from 6'-0" to 1'-0". Additional fees and lead times may apply.
- 20ga available in standard colors subject to a minimum order size of 4,500 square feet and longer lead times.
- 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%.
- Stucco embossed available on 26ga, 24ga and 22ga. Subject to minimum order size of 1,500 square feet.

* Inquire with an AEP Span Sales Representative.

Reversed HR-36® Siding



Gauge	Span	Cond.	Allowable Inward Loads (lbs/ft²) per Span (ft.-in.)								
			2'-0"	2'-6"	3'-0"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	10'-0"
26	Single Span	f	375	240	167	94	60	42	31	23	15
		L/180	-	-	-	-	-	35	22	15	8
	Double Span	f	342	239	175	104	68	49	35	27	18
		L/180	-	-	-	-	-	-	-	-	-
	Triple Span	f	392	279	207	126	84	60	44	34	22
		L/180	-	-	-	-	-	-	42	28	14
24	Single Span	f	567	363	252	142	91	63	46	35	23
		L/180	-	-	-	-	84	49	31	20	10
	Double Span	f	555	371	265	153	99	69	50	39	25
		L/180	-	-	-	-	-	-	-	-	-
	Triple Span	f	659	448	322	189	123	86	64	48	31
		L/180	-	-	-	-	-	-	58	39	20
22	Single Span	f	780	499	347	195	125	87	64	49	31
		L/180	-	-	-	-	112	65	41	27	14
	Double Span	f	794	526	373	214	138	97	71	54	35
		L/180	-	-	-	-	-	-	-	-	34
	Triple Span	f	953	639	456	264	171	119	88	67	43
		L/180	-	-	-	-	-	-	77	52	26
20	Single Span	f	839	537	373	210	134	93	69	52	34
		L/180	-	-	-	-	-	81	51	34	17
	Double Span	f	867	572	404	231	149	104	76	58	38
		L/180	-	-	-	-	-	-	-	-	-
	Triple Span	f	1046	698	496	286	185	129	96	73	47
		L/180	-	-	-	-	-	-	-	64	33

Inward Loads	Single Span		NOTES: 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 aepspan.com for more complete Reversed HR-36 performance data.
	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.



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For most current versions of literature please visit
www.aepspan.com