

CLADDING AD200 AD200R

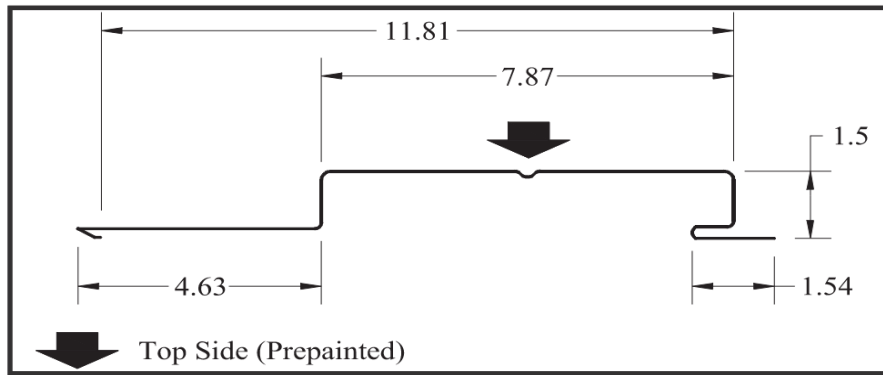
Imperial

PHYSICAL

(PER FOOT WIDTH) In accordance with CSA Specification S136-07

LOAD TABLE

Maximum Specified Uniformly Distributed Load in lb/ft² (psf)



AD200R as shown above, can also be produced without minor rib as AD200.

Base Steel Nominal Thickness (inches)	Nominal Thickness Z275 Coating (inches)	Mass with Coating (lb/ft ²)	Section Modulus		Moment of Inertia (inches ⁴)	Factored Resistance			
			Midspan (inches ³)	Support (inches ³)		Moment (lb-in)		Reaction (pounds)	
0.018	0.020	-----	-----	-----	-----	-----	-----	-----	-----
0.024	0.026	-----	-----	-----	-----	-----	-----	-----	-----
0.030	0.032	1.915	0.0965	0.1501	0.1126	2866.1	4458.0	397	569
0.036	0.038	2.275	0.1280	0.2013	0.1467	3801.6	5978.6	555	802
0.048	0.050	-----	-----	-----	-----	-----	-----	-----	-----

Support Spacing (ft)		1-Span Base Steel Nominal Thickness (inch)					2-Span Base Steel Nominal Thickness (inch)					3-Span Base Steel Nominal Thickness (inch)				
		0.018	0.024	0.030	0.036	0.048	0.018	0.024	0.030	0.036	0.048	0.018	0.024	0.030	0.036	0.048
		4'-0"	B			80	106			76*	107*					86*
	D			154	200			369	481					291	379	
4'-6"	B			63	83			67*	95*					77*	108*	
	D			108	141			259	338					204	266	
5'-0"	B			51	68			61*	86*					69*	97*	
	D			79	103			189	246					149	194	
5'-6"	B			42	56			55*	78*					63*	87	
	D			59	77			142	185					112	146	
6'-0"	B			35	47			51*	71*					55	73	
	D			46	59			109	142					86	112	
6'-6"	B			30	40			47*	63					47	62	
	D			36	47			86	112					68	88	
7'-0"	B			26	34			40	54					41	54	
	D			29	37			69	90					54	71	
7'-6"	B			23	30			35	47					35	47	
	D			23	30			56	73					44	57	
8'-0"	B				26			31	42					31	41	
	D				25			46	60					36	47	
8'-6"	B				23			27	37					28	37	
	D				21			38	50					30	39	
9'-0"	B				21			24	33					25	33	
	D				18			32	42					26	33	

In accordance with ongoing efforts to improve our products and their performance, Vicwest reserves the right to change without notice the specifications contained herein.

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LIMIT STATES DESIGN

Note

- Properties and loads are based on Grade 33 Steel with a minimum yield stress of 33,000 psi, and a maximum stress under Factored loads of 29,700 psi.
- Figures in Row B indicate the load capacity based on strength. Strength capacity B should be checked against [Specified Live Load]+[0.833 x Specified Dead Load].
- Where cladding is subjected only to wind load, strength values may be increased by 7%.
- Figures in row D indicate the load capacity based on deflection of 1/180th span. For allowable deflection of 1/90th span, values in Row D can be doubled, but must not exceed the value in Row B. Deflection capacity should be checked against specified Load(s).
- An * indicates capacity has been reduced to account for web crippling.