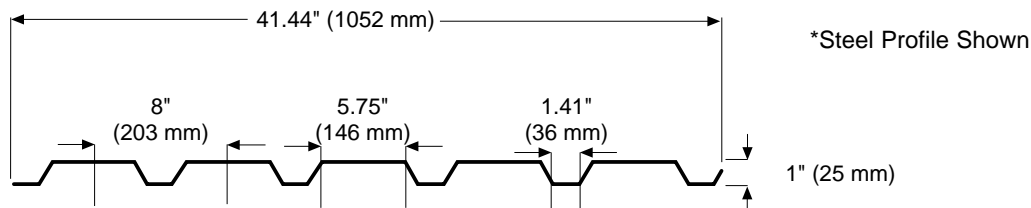


# TECHNICAL DATA SHEET



## 8" Rib Siding



### Profile Dimensions

	Overall Width	Coverage Width	Rib Pitch	Profile Depth
Aluminum	41.44"	40"	8"	1"
Steel	41.44"	40"	8"	1"

### Load Span Table

8" RIB	NO. SPANS	LOAD (PSF)								
		20	25	30	35	40	45	50	55	60
		Siding Allowable Span								
.032" Aluminum	1	5'-4"	4'-8"	4'-4"	4'-0"	3'-10"	3'-6"	3'-5"	3'-2"	3'-1"
	2	5'-4"	4'-8"	4'-4"	4'-0"	3'-10"	3'-6"	3'-5"	3'-2"	3'-1"
.040" Aluminum	1	6'-4"	5'-8"	5'-2"	4'-10"	4'-6"	4'-2"	4'-0"	3'-10"	3'-8"
	2	6'-4"	5'-8"	5'-2"	4'-10"	4'-6"	4'-2"	4'-0"	3'-10"	3'-8"
24 GA. Steel	1	5'-6"	5'-1"	4'-9"	4'-7"	4'-4"	4'-2"	4'-1"	3'-11"	3'-9"
	2	6'-10"	6'-2"	5'-7"	5'-3"	4'-10"	4'-7"	4'-4"	4'-1"	3'-11"

#### NOTES:

1. Allowable deflection for aluminum is L/60.
2. Allowable deflection for steel is L/180.

### Material Specifications

#### Aluminum

Alloy 3004 in compliance with the Aluminum Association Composition Specifications and conforming to ASTM B209-96 is standard. Alloy 3004 Alclad (Alloy 7072 cladding is used) is also available. (Available in stucco embossed.)

#### Steel

Grade 33 structural quality conforming to ASTM A653, galvanized to ASTM A924, G90 Class is standard. Available smooth or stucco embossed.

### Engineering Properties

	I + (in <sup>4</sup> /ft)	S + (in <sup>3</sup> /ft)	I - (in <sup>4</sup> /ft)	S - (in <sup>3</sup> /ft)	Lbs/Sq Painted
Aluminum					
.032"	0.0624	0.2378	0.0668	0.0939	51.0
.040"	0.0790	0.2899	0.0825	0.1153	64.0
.050"	0.1034	0.3625	0.1051	0.1458	79.6
Steel					
24 ga	0.0326	0.0558	0.0435	0.0536	116.0

# TECHNICAL DATA SHEET

## 8" Rib Siding



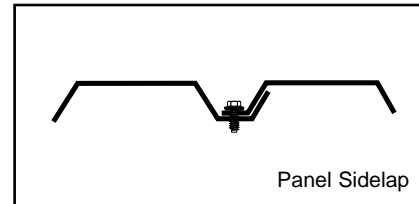
### Tolerances

- Standard Lengths: 5'0" to 40'0"  
Length Tolerance: +1/2" - 0
- Overall Width:  $\pm 1/4$ "
- Coverage Width:  $\pm 3/16$ "
- Squareness: 

<u>Length</u>	<u>Squareness Tolerance</u>
0" - 20'0"	5/16"
20'1" - 26'8"	7/16"
26'9" - 40'0"	1/2"

### Installation & Fastening Guidelines

- Not recommended for roofing applications.
- Minimum end laps:  
Siding: 4"  
(requires sealant at side and end laps)
- Fastening Patterns for 20psf loading\*:  
Panel field: 8" o. c.  
Panel end laps: 8" o. c.  
Panel sidelaps: 16" o. c.
- Because of 8" Rib's broad flat area, the potential for oil-canning exists. Oil-canning is not cause for rejection of material.



\* Consult Alcoa for attachment guidelines for greater load conditions.

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