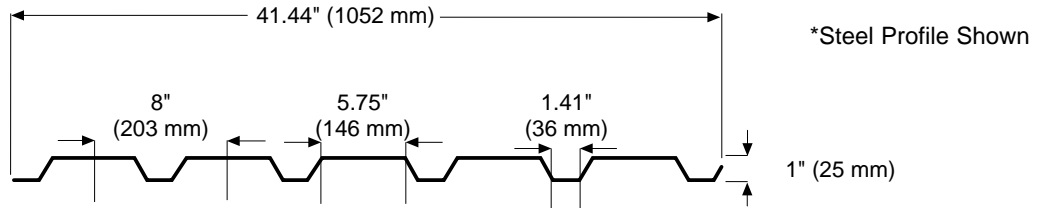


TECHNICAL DATA SHEET


FOR PRICING AND AVAILABILITY - CONTACT
ALLSTATE INSULATION
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ALCOA allstateinsulation@yahoo.com

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 ⁴ /ft)	S + (in ³ /ft)	I - (in ⁴ /ft)	S - (in ³ /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



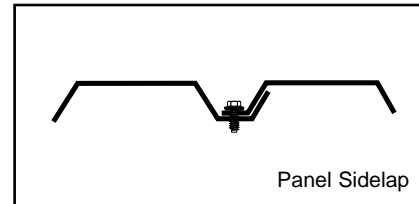
Tolerances

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

Length	Squareness Tolerance
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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