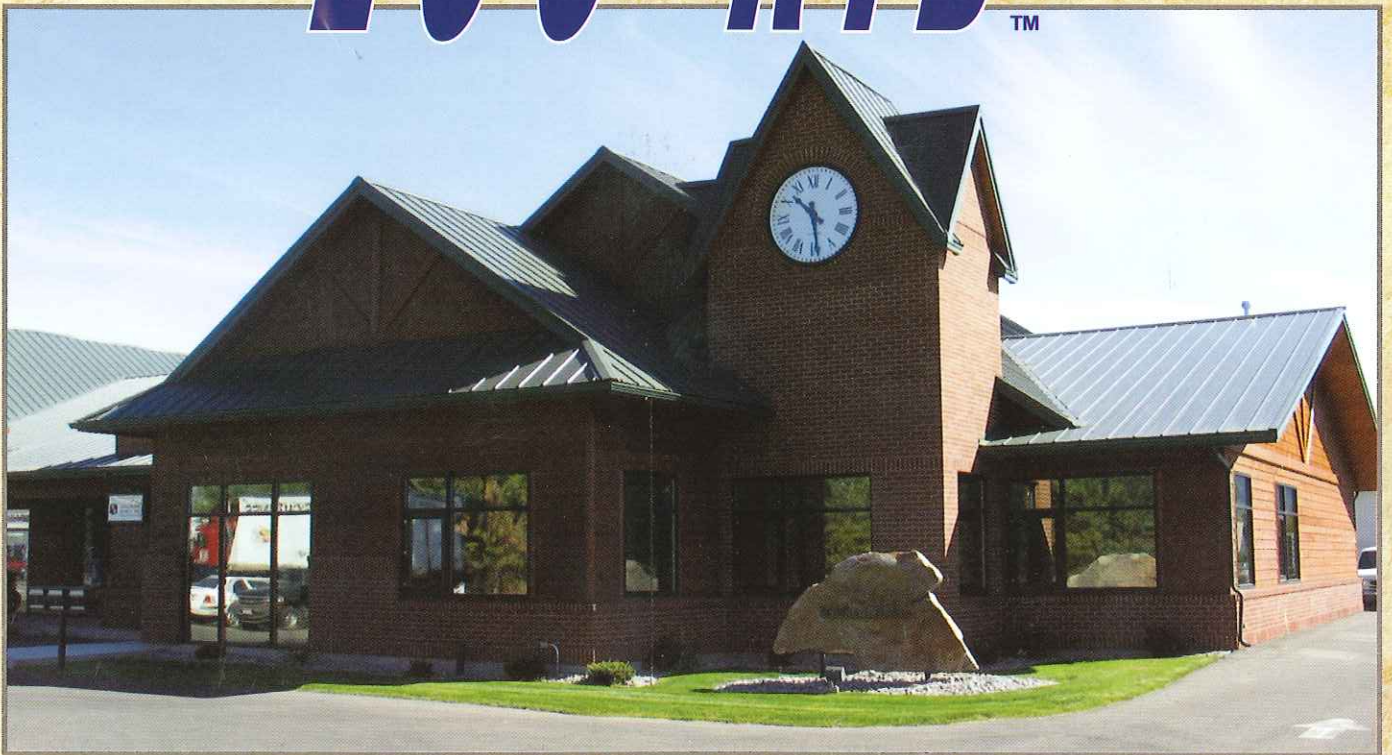




LOC-RIB

TM



METAL ROOFING

Welcome to **LOC-RIB™**

LOC-RIB is manufactured with grade E, 80,000 psi 26 ga. steel. 24 ga. by special order only.

LOC-RIB is offered in galvanized and eleven standard colors with High Performance Silicone Polyester finish that carries a 30 year non-prorated warranty.

LOC-RIB panels are produced at a minimum length of 3'. Please call for maximum lengths.

LOC-RIB panels cover 16", with a rib height of 7/8".



NOTE:

Oil canning may occur in the panels. This is due to the stress inherent in the coiled steel. We recommend a backer cord, which we supply, to help eliminate this condition.

ADVANTAGES

LOC-RIB panels make exposed fastening systems obsolete.

LOC-RIB panels fasten securely to any structure. Each panel snaps securely over the adjacent panel, concealing unsightly screw heads or nails. This creates a smooth architecturally pleasing look.

LOC-RIB features an anti-siphon groove designed to prevent water from entering the side lap of the panel.

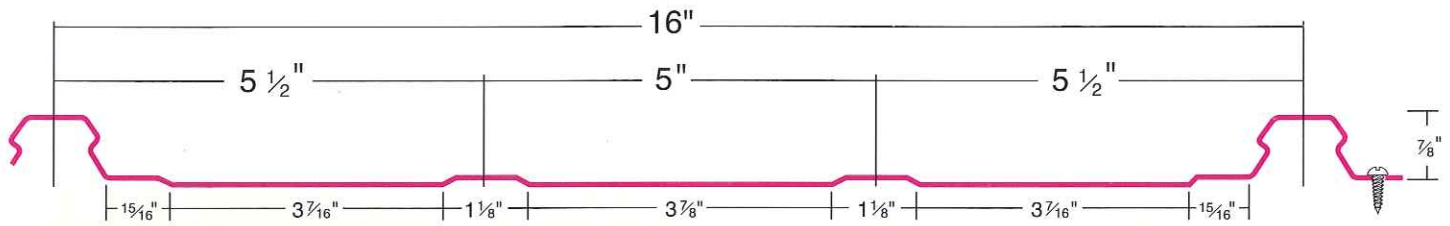
LOC-RIB creates an aesthetically pleasing and economical design.

LOC-RIB does not need a seaming tool. Does not require any clips or washers. Just snap and go.

INSTALLATION

LOC-RIB roof applications are recommended to be applied over solid decking or open purlins. If used over open purlins, strip mastic is required on laps. Maximum spacing of purlins is not to exceed 30 inches. 30# felt is recommended when applied over solid decking. Panel should be fastened on every purlin, or no greater than every 24" when applied over solid decking. It is required that two exposed fasteners are used on each panel along the eave line in all applications. Loc-Rib end capping is not recommended.

ROLLED STEEL P



26 GA LOC-RIB

Allowable Gravity Load (psf)							
Span in feet	2	2.5	3	3.5	4	4.5	5
Simple Span	178.4	112.3	70.5	44.3	29.7	20.9	15.2
Two-Span	138.9	90.4	63.4	46.9	36.1	28.5	23.2
Multi-Span	159.8	104.5	73.5	54.4	41.9	33.2	27.0

Allowable Uplift Load (psf)							
Span in feet	2	2.5	3	3.5	4	4.5	5
Simple Span	146.1	93.5	64.9	47.7	36.5	28.9	23.4
Two-Span	148.0	108.7	76.6	56.8	43.7	34.7	28.2
Multi-Span	162.3	125.2	88.5	65.8	50.7	40.3	32.8

24 GA LOC-RIB

Allowable Gravity Load (psf)							
Span in feet	2	2.5	3	3.5	4	4.5	5
Simple Span	226.8	142.7	89.6	56.8	37.8	26.6	19.3
Two-Span	177.3	115.6	81.1	60.0	46.1	36.5	29.7
Multi-Span	204.0	133.5	94.0	69.6	53.6	42.5	34.5

Allowable Uplift Load (psf)							
Span in feet	2	2.5	3	3.5	4	4.5	5
Simple Span	187.0	119.7	83.1	61.1	46.8	36.9	29.9
Two-Span	210.0	137.9	97.3	72.1	55.6	44.1	35.8
Multi-Span	240.2	158.9	112.3	83.6	64.5	51.2	41.6

- 1-1/2" Bearing Length
- Load Span Tables Based on ASD
- Steel Yield Stress 80,000 psi
- Uplift loads based on Panel Bending. Fastener Pull-out may govern depending on substrate.
- Multi-Span Loading applies to sheets continuous over three or more spans

- Design bending stress = $.6 (.75) (80) = 36$ ksi
- Flexural design analysis according to 2004 NAS-US (ASD)
- Gravity loads limited to a maximum deflection of $L/180$.
- Metal thickness based on minimum ASTM specifications for allowable load calculations

Note: The load tables have been compiled for the design of steel roofing and siding used in conjunction with either wood or steel framed structures. Rolled Steel Products, Inc., assumes no responsibility, either express or implied, for its use.

ROLLED STEEL PRODUCTS, INC.



LOC-RIB™

ROLLED STEEL PRODUCTS, INC.

P.O. BOX 2864
SPOKANE, WA 99220-2864

PHONE: 509 535-8667
TOLL FREE: 800-238-4057
FAX: 509 535-8682
E-MAIL: sales@go-rsp.com

ROLLED STEEL PRODUCTS INC. is proud to introduce *LOC-RIB*, a concealed fastener panel and a complete line of trims that will add pleasing lines to meet your metal application needs. Whether it be a large commercial job or a house roof, the quality will show.

