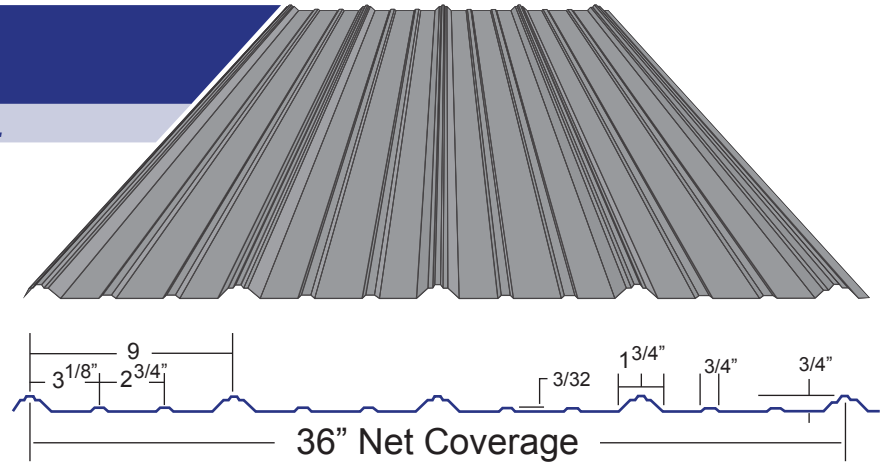


G-RIB

ROOF AND WALL PANEL



SECTION PROPERTIES										
PROD. NAME.	NOM. THICK (IN.)	WT. (PSF)	F _y (KSI)	NET GIRTH (IN.)	PANEL TOP IN COMPR.			PANEL BOTTOM IN COMPR.		
					1x (in. 4/ft.)	S _x (in. 3/ft.)	F _b (ksi)	1x (in. 4/ft.)	S _x (in. 3/ft.)	F _b (ksi)
G.R.	.016	0.75	80	36	0.0075	0.0140	36.0	0.0072	0.0405	12.8
	.020	0.94	80	36	0.0095	0.0184	36.0	0.0094	0.0623	10.3

ALLOWABLE UNIFORM LOADS IN POUNDS PER SQUARE FOOT																					
NOM. THICK (IN.)	LIVE LOAD (STRESS)							LIVE LOAD DEFL. (L/80)							WIND SUCTION (UPLIFT)						
	2'	2.5'	3'	3.5'	4'	4.5'	5'	2'	2.5'	3'	3.5'	4'	4.5'	5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
.016	136	87	60	44	34	27	22	136	81	47	29	20	14	10	168	110	77	57	43	34	28
.020	179	114	79	58	45	35	29	179	102	59	37	25	17	13	221	145	101	74	57	45	37

.016 NOM. THK. Allow Int. Bearing @ 3" = 0.480 K/FT Allow. End Bearing @ 2" = 0.149 K/FT
 .020 NOM. THK. Allow Int. Bearing @ 3" = 0.709 K/FT Allow. End Bearing @ 2" = 0.253 K/FT



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