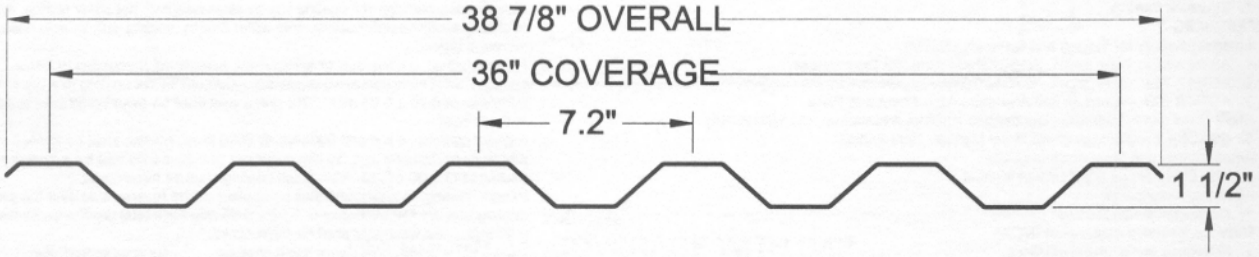
Hefti-Rib®

INDUSTRIAL-COMMERCIAL ROOFING & SIDING

FABRAL
METAL WALL AND ROOF SYSTEMS

Effective March 2000



MATERIAL AND THICKNESS	WT./SQ. PLAIN	WT./SQ. PAINTED	METAL SPECIFICATION	FINISH
GALVANIZED STEEL 26 ga. 24 ga. 22 ga. 20 ga. 18 ga.	 103.8 lb. 132.0 lb. 160.5 lb. 189.1 lb. 246.1 lb.	 105.3 lb. 133.5 lb. 162.0 lb. 190.6 lb. 247.6 lb.	Grade 40 (40 ksi yield strength) (Grade 80 (80 ksi yield strength) for 26 ga.) structural steel with G90 coating, both conforming to ASTM A 653	**plain**: regular spangle **painted**: two-coat 70% Kynar® 500/ Hylar® 5000; siliconized polyester; vinyl plastisol; 0.5 mil two-coat polyester backer
ALUMINUM-ZINC ALLOY COATED STEEL 24 ga. 22 ga. 20 ga. 18 ga.	 127.7 lb. 156.3 lb. 185.0 lb. 242.2 lb.	 129.2 lb. 157.8 lb. 186.5 lb. 243.7 lb.	Grade 40 (40 ksi yield strength) structural steel with AZ50 coating, both conforming to ASTM A 792	**plain**: regular spangle **painted**: two-coat 70% Kynar® 500/ Hylar® 5000; siliconized polyester; vinyl plastisol; 0.5 mil two-coat polyester backer
ALUMINUM .032" .040" .050"	 51.6 lb. 64.4 lb. 80.5 lb.	 52.7 lb. 65.6 lb. 81.7 lb.	3004-H36 or equivalent (28 ksi yield strength) aluminum alloy conforming to ASTM B 209	**plain**: mill finish **painted**: two-coat 70% Kynar® 500/ Hylar® 5000; siliconized polyester; vinyl plastisol; 0.5 mil two-coat polyester backer

GRAVITY LOAD TABLE (STEEL)

ga.	spans	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"
24	1	127	81	56	41	32	25	NR
	2	118	75	52	38	29	23	NR
	3	147	94	65	48	37	29	24
22	1	173	111	77	56	43	34	28
	2	159	102	71	52	40	31	25
	3	199	127	88	65	50	39	32
20	1	220	141	98	72	55	43	35
	2	203	130	90	66	51	40	33
	3	254	163	113	83	64	50	41
18	1	314	201	140	103	79	62	50
	2	303	194	135	99	76	60	48
	3	379	242	168	124	95	75	61

GRAVITY LOAD TABLE (ALUMINUM)

thk.	spans	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
.032"	1	103	81	66	54	46	39	34
	2	91	72	58	48	40	34	30
	3	113	90	73	60	50	43	37
.040"	1	151	119	97	80	67	57	49
	2	133	105	85	71	59	51	44
	3	167	132	107	88	74	63	54
.050"	1	212	167	136	112	94	80	69
	2	187	148	120	99	83	71	61
	3	234	185	150	124	104	89	76

NOTES:

1. Allowable loads are based on 1986 AISI and 1986 Aluminum Association specifications.
2. Allowable loads are based on stress only.
3. Allowable stress loads may be increased by ⅓ for positive wind loading.
4. Use of Hefti-Rib on roof pitches less than 2:12 (9°) is not recommended.
5. The maximum recommended individual roof panel length is 16' for aluminum panels and 32' for steel panels due to thermal movement considerations.

Jackson, GA (800) 884-4484
Lancaster, PA (800) 477-2741
Gridley, IL (800) 451-3974
Idabel, OK (800) 926-8509
Cedar City, UT (800) 432-2725
Rathdrum, ID (888) 470-0013
Marshfield, WI (800) 528-0878
Tifton, GA (800) 339-8311