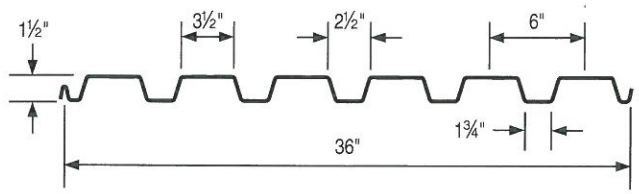
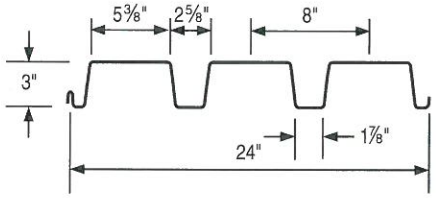
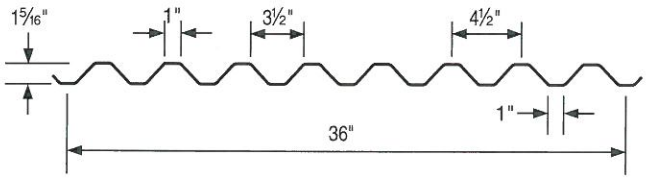
Type	Profile (dimensions in inches)	Gage	Weight Galv psf *N/m²*	Weight Painted psf *N/m²*	Section Properties per ft (*m*) of width I in.⁴ *mm⁴*	+ S in.³ *mm³*	– S in.³ *mm³*
PLB™-36 HSB®-36		22	1.9 *91.0*	1.8 *86.2*	0.175 *238,978*	0.187 *10,054*	0.198 *10,645*
		20	2.3 *110.1*	2.2 *105.3*	0.216 *294,967*	0.235 *12,634*	0.248 *13,333*
		18	2.9 *138.9*	2.8 *134.1*	0.302 *412,408*	0.322 *17,312*	0.335 *18,011*
		16	3.5 *167.6*	3.4 *162.8*	0.377 *514,827*	0.411 *22,097*	0.417 *22,419*
PLN™-24 N-24		22	2.2 *105.3*	2.1 *100.5*	0.655 *894,460*	0.394 *21,183*	0.454 *24,408*
		20	2.6 *124.5*	2.5 *119.7*	0.837 *1,142,997*	0.508 *27,312*	0.562 *30,215*
		18	3.5 *167.6*	3.4 *162.8*	1.223 *1,670,114*	0.731 *39,301*	0.776 *41,720*
		16	4.2 *201.1*	4.1 *196.3*	1.647 *2,249,123*	0.950 *51,075*	1.005 *54,032*
DEEP VERCOR™		26	1.1 *52.7*		0.073 *99,688*	0.099 *5,323*	0.103 *5,538*
		24	1.4 *67.0*		0.098 *133,828*	0.138 *7,419*	0.140 *7,527*
		22	1.7 *81.4*		0.123 *167,967*	0.175 *9,409*	0.174 *9,355*
		20	2.1 *100.5*		0.143 *195,279*	0.207 *11,129*	0.206 *11,075*

1. Section properties have been computed in accordance with the "Specification for the Design of Cold-Formed Steel Structural Members" published by AISI. The section properties are based on the following steel strengths:

Profile	Minimum Yield Strength (F_y)	Bending Strength (F_b)
PLB™-36 or HSB®-36	38 ksi (*262,000 kPa*)	22.8 ksi (*157,200 kPa*)
PLN™-24 or N-24	33 ksi (*227,527 kPa*)	20.0 ksi (*137,895 kPa*)
Deep VERCOR™	80 ksi (*551,581 kPa*)	36.0 ksi (*248,211 kPa*)

2. Section properties and values shown apply to all available widths.
3. Material thickness is subject to AISI tolerances. See ICBO ES Report ER-2078P for decimal thickness of material.
4. Weights shown are approximations for design purposes.
5. All dimensions are nominal and are subject to manufacturing tolerances.

Metric Conversions

in.	*mm*	in.	*mm*	in.	*mm*	in.	*mm*	in.	*mm*
1	*25*	1¾	*44*	2⅝	*67*	4½	*114*	8	*203*
1⅝	*33*	1⅞	*48*	3	*76*	5⅜	*137*	24	*610*
1½	*38*	2½	*64*	3½	*89*	6	*152*	36	*914*