

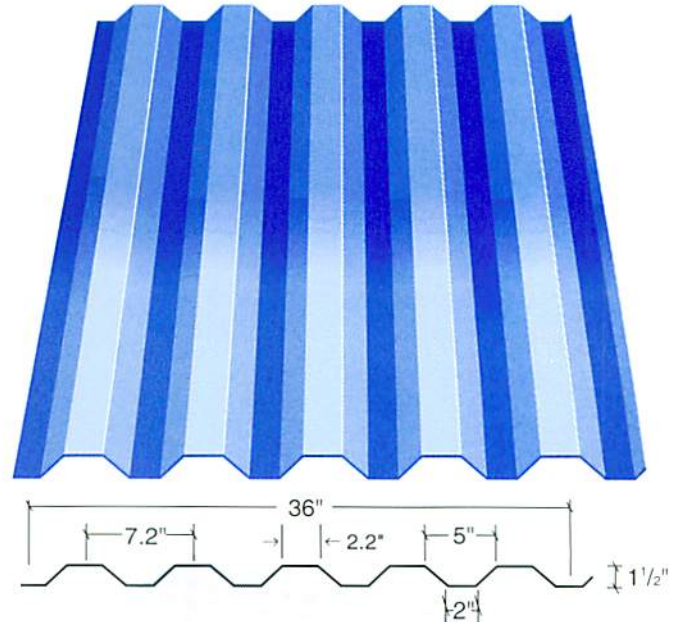
MORIN Y-36 profile is 1 1/2" deep with a 7.2" pitch, roll formed exposed fastener panel.

Standard material is G90 galvanized steel with Kynar 500 finish. Other metals are available including galvalume, aluminum, stainless steel and copper.

Multi mil thick Kynar 500, vinyl plastisol and polyesters are also available.

A full line of accessories and other services are offered.

Consult MORIN for additional product performance testing.



**LOAD-SPAN and PROPERTIES TABLE STEEL ROOFING**

MATL	LOAD SPAN	20	25	30	35	40	45	MAX CANT	S+	I+	S-	I-
26 GA	1	7'-4"	6'-10"	6'-6"	6'-0"	5'-8"	5'-8"	1'-0"	.097	.091	.126	.105
	2	9'-1"	8'-2"	7'-6"	6'-10"	6'-1"	6'-1"					
	3	9'-3"	8'-8"	8'-1"	7'-6"	6'-7"	6'-7"					
24 GA	1	8'-2"	7'-7"	7'-1"	6'-9"	6'-6"	6'-2"	1'-5"	.133	.123	.174	.133
	2	10'-8"	9'-7"	8'-8"	8'-1"	7'-7"	7'-1"					
	3	10'-3"	9'-7"	9'-0"	8'-7"	8'-2"	7'-8"					
22 GA	1	8'-10"	8'-3"	7'-9"	7'-4"	7'-1"	6'-9"	1'-8"	.178	.159	.219	.164
	2	12'-0"	10'-9"	9'-9"	9'-1"	8'-6"	8'-0"					
	3	11'-2"	10'-4"	9'-9"	9'-3"	8'-10"	8'-7"					
20 GA	1	9'-6"	8'-10"	8'-3"	7'-10"	7'-7"	7'-3"	1'-10"	.225	.195	.260	.195
	2	12'-9"	11'-8"	10'-8"	9'-10"	9'-3"	8'-8"					
	3	12'-0"	11'-2"	10'-6"	10'-0"	9'-6"	9'-2"					
18 GA	1	10'-6"	9'-8"	9'-1"	8'-8"	8'-3"	8'-0"	2'-1"	.324	.257	.340	.257
	2	14'-0"	13'-0"	12'-2"	11'-3"	10'-7"	10'-0"					
	3	13'-4"	12'-4"	11'-8"	11'-1"	10'-7"	10'-2"					

**STEEL ROOFING**

1. Panel span conditions: 1 = SIMPLE 2 = DOUBLE 3 = TRIPLE.
2. Spans are given in FT-INCHES and indicate allowable spans between supports.
3. Fy = 33,000 PSI (GRADE A) Steel used in determining spans. Spans governed by allowable stress or L/180 deflection criteria.
4. Cantilever based on maximum uniform load. 200 LB. concentrated at end or L/180 deflection.

Max. length = 48'-0"  
Gages = 26 to 18  
C=36", P=7.2", D=1 1/2"

**LOAD-SPAN and PROPERTIES TABLE ALUMINUM ROOFING**

MATL	LOAD SPAN	20	25	30	35	40	45	MAX CANT	S+	I+	S-	I-
.032	1	6'-3"	5'-9"	5'-6"	5'-2"	5'-0"	4'-8"	0'-10"	.212	.166	.222	.166
	2	8'-3"	7'-4"	6'-8"	6'-2"	5'-9"	5'-6"					
	3	7'-10"	7'-4"	6'-10"	6'-7"	6'-3"	6'-0"					
.040	1	6'-9"	6'-3"	5'-10"	5'-7"	5'-4"	5'-2"	1'-0"	.263	.207	.276	.207
	2	9'-1"	8'-4"	7'-7"	7'-1"	6'-7"	6'-2"					
	3	8'-6"	7'-10"	7'-6"	7'-1"	6'-9"	6'-6"					

**ALUMINUM ROOFING**

1. Panel span conditions: 1 = SIMPLE 2 = double 3 = TRIPLE.
2. Spans are given in FT-INCHES and indicate allowable spans between supports.
3. Aluminum alloy 3003-H14 used in determining spans. Spans governed by allowable stress or L/180 deflection criteria.
4. Cantilever based on maximum uniform load stress or L/180 deflection.

**LOAD-SPAN and PROPERTIES TABLE STEEL SIDING**

MATL	LOAD SPAN	20	25	30	35	40	45	MAX CANT	S+	I+	S-	I-
26 GA	1	7'-9"	7'-2"	6'-9"	6'-4"	6'-2"	5'-10"	2'-4"	.126	.105	.097	.091
	2	9'-2"	8'-3"	7'-6"	7'-0"	6'-6"	6'-2"					
	3	9'-9"	8'-10"	8'-1"	7'-6"	7'-1"	6'-8"					
24 GA	1	8'-4"	7'-9"	7'-3"	7'-0"	6'-8"	6'-4"	2'-8"	.174	.133	.133	.123
	2	10'-9"	9'-8"	8'-9"	8'-2"	7'-8"	7'-2"					
	3	10'-7"	9'-9"	9'-2"	8'-9"	8'-3"	7'-9"					
22 GA	1	9'-0"	8'-4"	7'-10"	7'-6"	7'-1"	6'-10"	2'-11"	.219	.164	.178	.159
	2	12'-1"	11'-2"	10'-2"	9'-6"	8'-9"	8'-3"					
	3	11'-3"	10'-6"	9'-10"	9'-4"	9'-0"	8'-8"					
20 GA	1	9'-6"	8'-10"	8'-3"	7'-10"	7'-7"	7'-3"	3'-1"	.260	.195	.225	.195
	2	12'-9"	11'-10"	11'-2"	10'-7"	10'-0"	9'-4"					
	3	12'-0"	11'-2"	10'-6"	10'-0"	9'-6"	9'-2"					
18 GA	1	10'-6"	9'-8"	9'-1"	8'-8"	8'-3"	8'-0"	3'-4"	.340	.257	.324	.257
	2	14'-0"	13'-0"	12'-3"	11'-7"	11'-1"	10'-8"					
	3	13'-2"	12'-2"	11'-6"	10'-10"	10'-6"	10'-1"					

**STEEL SIDING**

1. Panel span conditions: 1 = SIMPLE 2 = DOUBLE 3 = TRIPLE.
2. Spans are given in FT-INCHES and indicate allowable spans between supports. 1/3 increase taken for short term loading.
3. Fy = 33,000 PSI (GRADE A) Steel used in determining spans. Spans governed by allowable stress or L/240 deflection criteria.
4. Cantilever based on maximum uniform load stress or L/240 deflection.

**ALUMINUM SIDING**

1. Panel span conditions: 1 = SIMPLE 2 = double 3 = TRIPLE.
2. Spans are given in FT-INCHES and indicate allowable spans between supports. 1/3 increase taken for short term loading.
3. Aluminum alloy 3003-H14 used in determining spans. Spans governed by allowable stress or L/240 deflection criteria.
4. Cantilever based on maximum uniform load stress or L/240.

**LOAD-SPAN and PROPERTIES TABLE ALUMINUM SIDING**

MATL	LOAD SPAN	20	25	30	35	40	45	MAX CANT	S+	I+	S-	I-
.032	1	6'-3"	5'-9"	5'-6"	5'-2"	5'-0"	4'-9"	2'-0"	.222	.166	.212	.166
	2	8'-1"	7'-3"	6'-7"	6'-1"	5'-8"	5'-4"					
	3	7'-10"	7'-4"	6'-10"	6'-7"	6'-2"	5'-9"					
.040	1	6'-9"	6'-3"	5'-10"	5'-7"	5'-4"	5'-2"	2'-2"	.276	.207	.263	.207
	2	9'-1"	8'-4"	7'-7"	7'-1"	6'-9"	6'-4"					
	3	8'-6"	7'-10"	7'-6"	7'-1"	6'-9"	6'-6"					