



SPECIALTY WAREHOUSE INC., DBA:

**DEK-ING**

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**•STOCK GALVANIZED FLOOR DECK PROFILES.**

Gage	Weight		Section Properties			Profile (dimensions in inches)	PROFILES & PROPERTIES Type
	Galv.	Phos./ Painted	Per ft (m) of width				
			<b>I</b>	<b>+S</b>	<b>-S</b>		
	<b>Psf</b> <i>N/m<sup>2</sup></i>	<b>psf</b> <i>N/m<sup>2</sup></i>	<b>in.<sup>4</sup></b> <i>mm<sup>4</sup></i>	<b>in.<sup>3</sup></b> <i>mm<sup>3</sup></i>	<b>in.<sup>3</sup></b> <i>mm<sup>3</sup></i>		
<b>22</b>	<b>1.9</b> 91.0	<b>1.8</b> 86.2	<b>0.175</b> <i>238,978</i>	<b>0.187</b> <i>10,054</i>	<b>0.198</b> <i>10,645</i>		<b>B FORMLOK™</b>
<b>20</b>	<b>2.3</b> 110.1	<b>2.2</b> 105.3	<b>0.216</b> <i>294,967</i>	<b>0.235</b> <i>12,634</i>	<b>0.248</b> <i>13,333</i>		
<b>18</b>	<b>2.9</b> 138.9	<b>2.8</b> 134.1	<b>0.302</b> <i>412,408</i>	<b>0.322</b> <i>17,312</i>	<b>0.335</b> <i>18,011</i>		
<b>16</b>	<b>3.5</b> 167.6	<b>3.4</b> 162.8	<b>0.377</b> <i>514,827</i>	<b>0.411</b> <i>22,097</i>	<b>0.417</b> <i>22,419</i>		
<b>LENGTHS AVAILABLE BETWEEN 1-32'</b>							
<b>20</b>	<b>2.1</b> 100.5	<b>2.0</b> 95.8	<b>0.423</b> <i>577,644</i>	<b>0.361</b> <i>19,408</i>	<b>0.370</b> <i>19,892</i>		<b>W2 FORMLOK™</b>
<b>18</b>	<b>2.7</b> 129.3	<b>2.5</b> 119.7	<b>0.555</b> <i>757,901</i>	<b>0.510</b> <i>27,419</i>	<b>0.511</b> <i>27,473</i>		
<b>16</b>	<b>3.3</b> 158.0	<b>3.1</b> 148.4	<b>0.694</b> <i>947,718</i>	<b>0.639</b> <i>34,355</i>	<b>0.639</b> <i>34,355</i>		
<b>LENGTHS AVAILABLE BETWEEN 1-32'</b>							
<b>20</b>	<b>2.3</b> 110.1	<b>2.2</b> 105.3	<b>0.896</b> <i>1,223,567</i>	<b>0.534</b> <i>28,709</i>	<b>0.564</b> <i>30,322</i>		<b>W3 FORMLOK™</b>
<b>18</b>	<b>2.9</b> 138.9	<b>2.7</b> 129.3	<b>1.203</b> <i>1,642,802</i>	<b>0.767</b> <i>41,236</i>	<b>0.767</b> <i>41,236</i>		
<b>16</b>	<b>3.5</b> 167.6	<b>3.3</b> 158.0	<b>1.509</b> <i>2,060,672</i>	<b>0.960</b> <i>51,612</i>	<b>0.960</b> <i>51,612</i>		
<b>LENGTHS AVAILABLE BETWEEN 1-32'</b>							
<b>18</b>	<b>3.5</b> 167.6	<b>3.4</b> 162.8	<b>1.146</b> <i>1,564,964</i>	<b>0.664</b> <i>35,699</i>	<b>0.737</b> <i>39,623</i>		<b>N FORMLOK™</b>
<b>LENGTHS AVAILABLE BETWEEN 1-32'</b>							



**·STOCK GALVANIZED STRUCTURAL ROOF PROFILES.**

Gage	Weight		Section Properties			Profile (dimensions in inches)	PROFILES & PROPERTIES
	Galv.	Phos./ Painted	Per ft (m) of width				
			I	+S	-S		
Psf <i>N/m<sup>2</sup></i>	Psf <i>N/m<sup>2</sup></i>	in. <sup>4</sup> <i>mm<sup>4</sup></i>	in. <sup>3</sup> <i>mm<sup>3</sup></i>	in. <sup>3</sup> <i>mm<sup>3</sup></i>	Type		
22	1.9 91.0	1.8 86.2	0.175 238,978	0.187 10,054	0.198 10,645	<p>LENGTHS AVAILABLE BETWEEN 1-32'</p>	DECK HSB-36 ROOF
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		
20	2.6 124.5	2.5 119.7	0.837 1,142,997	0.508 27,312	0.562 30,215	<p>LENGTHS AVAILABLE BETWEEN 1-34'</p>	N-24 ROOF DECK
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		

**·STOCK GALVANIZED ROOF & SIDING PROFILES.**

26	1.1 52.7	-	0.073 99,688	0.099 5,323	0.103 5,538	<p>LENGTHS AVAILABLE BETWEEN 1-30'</p>	DEEP VERCOR™
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		
26	1.0 47.9	-	0.013 17,753	0.042 2,258	0.044 2,366	<p>LENGTHS AVAILABLE BETWEEN 1' &amp; 26'-2"</p>	SHALLOW VERCOR™
22	1.6 76.6	-	0.023 31,409	0.074 3,978	0.074 3,978		



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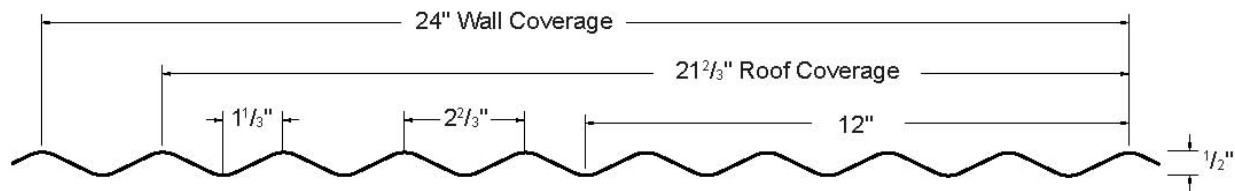
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**·ROOFING & SIDING PROFILES·****7/8" Corrugated****ROOF PANEL****WALL PANEL**

AVAILABLE IN LENGTHS BETWEEN 1-30'

FINISH: GALVALUME OR ZINCALUME

GAGE	YIELD KSI	WEIGHT PSF	TOP IN COMPRESSION		BOTTOM IN COMPRESSION	
			Ixx in <sup>4</sup> /ft	Sxx in <sup>3</sup> /ft	Ixx in <sup>4</sup> /ft	Sxx in <sup>3</sup> /ft
20ga	33	2.52	0.054	0.1191	0.054	0.1191
24ga	50	1.31	0.036	0.0805	0.036	0.0805

**1/2" Corrugated**

AVAILABLE IN LENGTHS BETWEEN 1-26'

FINISH: GALVALUME OR GALVANIZED

GAGE	YIELD KSI	WEIGHT PSF	TOP IN COMPRESSION		BOTTOM IN COMPRESSION	
			Ixx in <sup>4</sup> /ft	Sxx in <sup>3</sup> /ft	Ixx in <sup>4</sup> /ft	Sxx in <sup>3</sup> /ft
24 ga	50	.78	0.0080	0.0308	0.0080	0.0308

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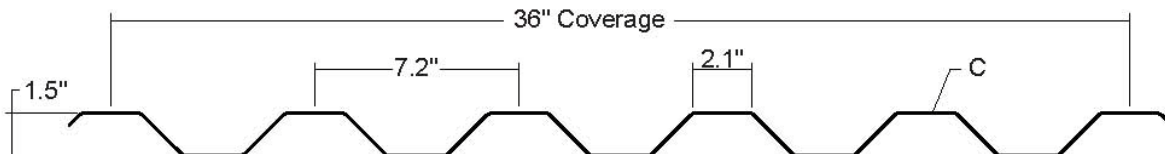
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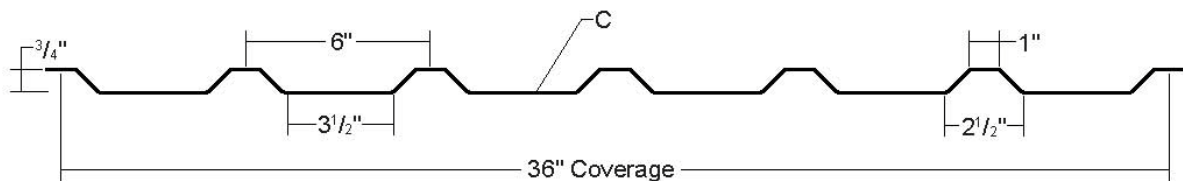
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**•STOCK GALVALUME ROOF AND SIDING PROFILES.****HR-36 7.2 RIB PANEL**

AVAILABLE IN LENGTHS BETWEEN 1-30'

GAGE	YIELD KSI	WEIGHT PSF	TOP IN COMPRESSION		BOTTOM IN COMPRESSION	
			Ixx <i>in<sup>4</sup>/ft</i>	Sxx <i>in<sup>3</sup>/ft</i>	Ixx <i>in<sup>4</sup>/ft</i>	Sxx <i>in<sup>3</sup>/ft</i>
20 ga	50	1.77	0.1733	0.2205	0.1733	0.1951
24 ga	50	1.15	0.1013	0.1216	0.0997	0.1084

**3/4" 'U' Panel**

AVAILABLE IN LENGTHS BETWEEN 1-26'

GAGE	YIELD KSI	WEIGHT PSF	TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
			Ixx <i>in<sup>4</sup>/ft</i>	Sxx <i>in<sup>3</sup>/ft</i>	Ma (k-in)	Ixx <i>in<sup>4</sup>/ft</i>	Sxx <i>in<sup>3</sup>/ft</i>	Ma (k-in)
26 ga	80	0.89	.0187	.0349	1.25	.0130	.0308	1.11

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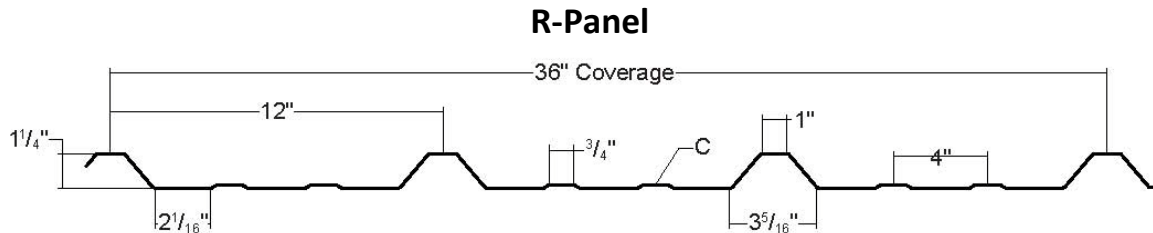
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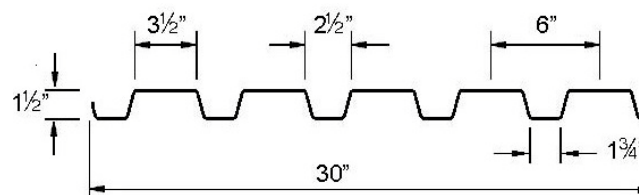
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**·STOCK ROOF & SIDING PROFILES·**

AVAILABLE IN LENGTHS BETWEEN 1-26'

FINISH: GALVALUME OR FACTORY PAINTED WHITE

GAGE	YIELD KSI	WEIGHT PSF	TOP IN COMPRESSION		BOTTOM IN COMPRESSION	
			Ixx in <sup>4</sup> /ft	Sxx in <sup>3</sup> /ft	Ixx in <sup>4</sup> /ft	Sxx in <sup>3</sup> /ft
<b>26 ga</b>	<b>80</b>	<b>.91</b>	<b>0.0360</b>	<b>0.0358</b>	<b>0.0313</b>	<b>0.0452</b>

**HSB-30 PAINTED WHITE/PRIMED GREY UNDERSIDE**

AVAILABLE IN LENGTHS BETWEEN 1-30'

GAGE	YIELD KSI	WEIGHT PSF	TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
			Ixx in <sup>4</sup> /ft	Sxx in <sup>3</sup> /ft	Ma (k-in)	Ixx in <sup>4</sup> /ft	Sxx in <sup>3</sup> /ft	Ma (k-in)
<b>18GA</b>	<b>80</b>	<b>2.8</b>	<b>0.302</b>	<b>0.322</b>	<b>-</b>	<b>0.302</b>	<b>0.335</b>	<b>-</b>

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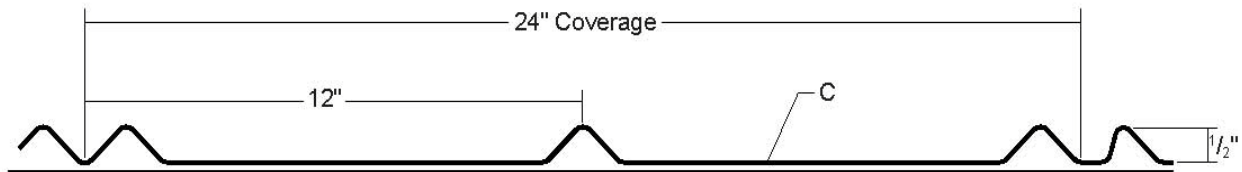
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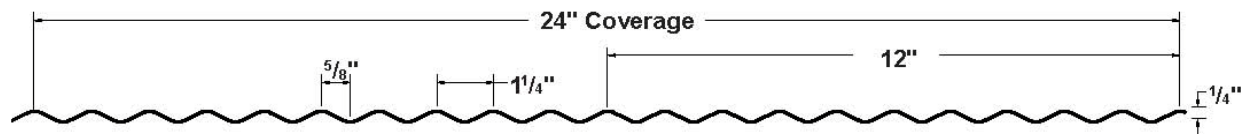
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**·STOCK GALVALUME ROOF & SIDING PROFILES·****.5 V-CRIMP**

AVAILABLE IN 8', 10', 12' &amp; 16' LENGTHS

GAGE	YIELD KSI	WEIGHT PSF	TOP IN COMPRESSION		BOTTOM IN COMPRESSION	
			Ixx in <sup>4</sup> /ft	Sxx in <sup>3</sup> /ft	Ixx in <sup>4</sup> /ft	Sxx in <sup>3</sup> /ft
26 ga	50	0.77	0.0025	0.0069	0.0015	0.0054

**1/4" CORRUGATED**

AVAILABLE IN 8', 10', &amp; 12' LENGTHS

GAGE	YIELD KSI	WEIGHT PSF	TOP IN COMPRESSION		BOTTOM IN COMPRESSION	
			Ixx in <sup>4</sup> /ft	Sxx in <sup>3</sup> /ft	Ixx in <sup>4</sup> /ft	Sxx in <sup>3</sup> /ft
26 ga	50	0.86	0.0060	0.0237	0.0060	0.0237

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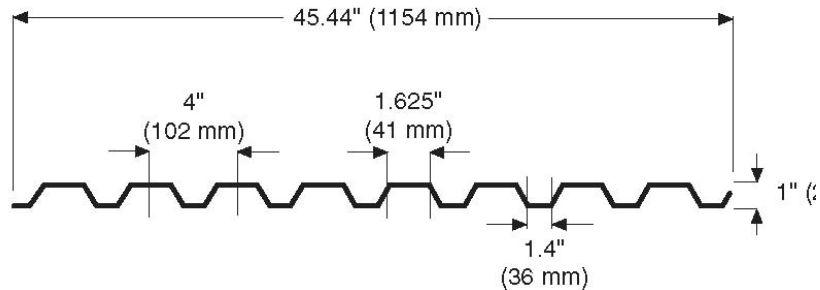




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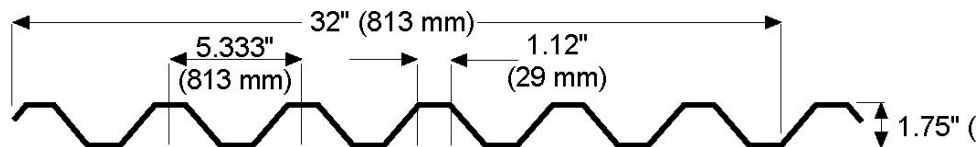
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**•ALUMINUM ROOF & SIDING PROFILES.****4" Rib**

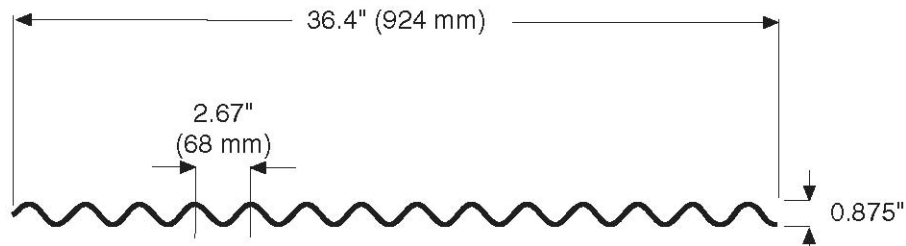
AVAILABLE IN LENGTHS: 12', 16' &amp; 20'

THICKNESS	I+ (in <sup>4</sup> /ft)	S+ (in <sup>3</sup> /ft)	I- (in <sup>4</sup> /ft)	S- (in <sup>3</sup> /ft)	LBS/SQ PTD.
.040"	0.1086	0.2259	0.1086	0.2091	71.8

**V-Beam**

AVAILABLE IN LENGTHS: 12', 16' &amp; 20'

THICKNESS	I+ (in <sup>4</sup> /ft)	S+ (in <sup>3</sup> /ft)	I- (in <sup>4</sup> /ft)	S- (in <sup>3</sup> /ft)	LBS/SQ PTD.
.040"	0.2526	0.2886	0.2526	0.2886	71

**7/8" Corrugated**

AVAILABLE STANDARD OR PERFORATED IN LENGTHS: 12', 16' &amp; 20'

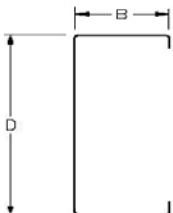
THICKNESS	I+ (in <sup>4</sup> /ft)	S+ (in <sup>3</sup> /ft)	I- (in <sup>4</sup> /ft)	S- (in <sup>3</sup> /ft)	LBS/SQ PTD.
.032"	0.0392	0.0895	0.0392	0.0895	53.7

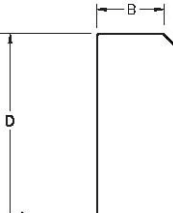
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**·STOCK GALVANIZED CEE AND ZEE PURLINS·**

 <b><u>D x B (inches)</u></b>	<b><u>GAGE</u></b>	<b><u>WEIGHT/LF</u></b>	<b><u>STOCK LENGTHS</u></b>
4 X 2-1/2	14ga Galv.	2.6	20' & 25'
6 X 2-1/2	14ga Galv.	3.1	20', 25' & 30'
8 X 3-1/2	14ga Galv.	4.2	20', 25' & 30'
8 X 3-1/2	12ga Galv.	5.8	20'
10 X 3-1/2	12ga Galv.	6.6	20', 25' & 30'
12 X 3-1/2	12ga Galv.	7.3	25' & 30'
TRACK (no return lip) 4-1/8 x 2	16ga Galv.	2.0	20'

 <b><u>D x B (inches)</u></b>	<b><u>GAGE</u></b>	<b><u>WEIGHT/LF</u></b>	<b><u>STOCK LENGTHS</u></b>
4 X 2-1/2	14ga Galv.	2.6	20' & 25'
6 X 2-1/2	14ga Galv.	3.1	20', 25' & 30'
8 X 3-1/2	12ga Galv.	5.5	20'
8 X 3-1/2	14ga Galv.	4.2	20', 25' & 30'
10 X 2-1/2 Unequal flanges w/ punched holes	14ga Galv.		(LSGI) 36' 0-1/2"
10 X 3-1/2	12ga Galv.	6.6	20', 25' & 30'
12 X 3-1/2	12 ga Galv.	7.3	20', 25' & 30'



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**· STOCK EDGE FORM & ANGLES FOR STEEL DECK ·**

· EDGE FORM - GALVANIZED 16GA.

<u>DIAGRAM</u>	LENGTHS	SLAB DEPTH "A"	BEARING LEG "B"
	10' ↓	2"	2"
		2-1/2"	2"
		3"	3"
		3-1/2"	3"
		4"	3"
		4-1/2"	3"
		5"	3"
		5-1/4"	3"
		5-1/2"	3"
		6"	3"
		6-1/4"	3"
		6-1/2"	3"
		7"	3"
7-1/2"	3"		

· ANGLES – GALVANIZED 16GA.

<u>DIAGRAM</u>	LENGTHS	"H"	"G"
	10' ↓	1-7/8"	2-3/8"
		2-1/8"	2-1/8"
		3-1/8"	3-1/8"
		4-1/2"	4"



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**·STOCK SHEET METAL & ANGLES FOR STEEL DECK·****· FLAT STOCK - AVAILABLE IN 10' LENGTHS**

<b>DIAGRAM</b>	<b>WIDTH "e"</b>	<b>GAGE</b>	<b>FINISH</b>
	<b>1-1/2"</b>	<b>16ga.</b>	<b>GALVANIZED</b>
	<b>7"</b>	<b>14ga.</b>	<b>GALVANIZED</b>
	<b>12"</b>	<b>14ga.</b>	<b>GALVANIZED</b>
	<b>48"</b>	<b>24ga.</b>	<b>GALVALUME</b>
	<b>48"</b>	<b>26ga.</b>	<b>PAINTED WHITE</b>

**· CLOSURE ANGLES - GALVANIZED**

<b>DIAGRAM</b>	<b>LENGTHS</b>	<b>DECK DEPTH</b>	<b>"a"</b>	<b>"b"</b>
	<b>10'</b> ↓	<b>1-5/16" OR 1/2"</b>	<b>1-5/16"</b>	<b>5/8"</b>
		<b>1-1/2"</b>	<b>1-5/8"</b>	<b>1-3/8"</b>
		<b>2"</b>	<b>2-1/8"</b>	<b>1-3/8"</b>
		<b>3"</b>	<b>3-1/8"</b>	<b>1-3/8"</b>

**·STOCK FOAM PLUGS·**

AVAILABLE IN TOP &amp; BOTTOM ON ALL PROFILES

W2	
W3	
N-24	



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**·STOCK FOAM CLOSURES·**

AVAILABLE IN TOP &amp; BOTTOM ON ALL PROFILES

N-24	
Shallow Vercor	
1/2" Corrugated	
7/8" Corrugated	
1-5/16" Deep Vercor	
1-1/2" HR-36	
3/4" 'U' Panel	
1-1/4" 'R' Panel	
4" Rib	
V-Beam	
1-1/2" HSB-36	

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***·STOCK SCREWS AND FASTENERS·***

#14 X 1-1/2" HWH TYPE-B WITH WASHER
#14 - 14 X 1" HWH TYPE-B WITH WASHER
#14 - 14 X 2-1/2" HWH TYPE-B WITH WASHER
#14 - 10 X 1-1/2" HWH TYPE-A WITH WASHER
#14 - 14 X 1" HWH TEK-3 NO WASHER
#12 - 24 X 1" HWH TEK-5 NO WASHER
#12 - 14 X 1" HWH TEK-3 NO WASHER
#9 - 15 X 1" HWH TRUGRIP WOOD SCREW WITH WASHER
#9 - 15 X 1-1/2" HWH TRUGRIP WOOD SCREW WITH WASHER
#9 - 15 X 2" HWH TRUGRIP WOOD SCREW WITH WASHER
#9 - 15 X 2-1/2" HWH TRUGRIP WOOD SCREW WITH WASHER
#10 - 16 X 3/4" HWH WITH WASHER
#10 X 1" PANCAKE TEK-2 NO WASHER
#12 X 1" HWH TEK-2 WITH WASHER
#12 X 1-1/4" HWH TEK-5 WITH WASHER
#14 - 10 X 2" HWH TYPE-A WOOD SCREW NO WASHER
#14 - 14 X 2" HWH TYPE-B NO WASHER
#14 - 14 X 7/8" HWH TEK-1 WITH WASHER