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**Yukon - Snap N Lock Composite Panel 3" thick**  
**Engineering Data for Open Structures**  
**Aluminum 3105 H14/H25 alloy x .024 gauge**

Patent# 4,769,963 & 5,086,599

**WIND - Maximum Clear Span**

**WEIGHT - Maximum Clear Span**

**100 MPH Wind Speed**

Overhang	1# EPS Foam
0'	19' 2"
1'	19' 3"
2'	19' 7"
3'	20' 1"
4'	20' 9"

**20# Live Load PSF**

Overhang	1# EPS Foam
0'	14' 4"
1'	14' 6"
2'	14' 11"
3'	15' 7"

**110 MPH Wind Speed**

Overhang	1# EPS Foam
0'	17' 6"
1'	17' 7"
2'	17' 11"
3'	18' 6"
4'	19' 3"

**30# Live Load PSF**

Overhang	1# EPS Foam
0'	11' 11"
1'	12' 1"
2'	12' 7"

**130 MPH Wind Speed**

Overhang	1# EPS Foam
0'	16' 2"
1'	16' 4"
2'	16' 8"
3'	17' 3"
4'	18' 0"

**40# Live Load PSF**

Overhang	1# EPS Foam
0'	10' 5"
1'	10' 7"
2'	11' 2"

**140 MPH Wind Speed**

Overhang	1# EPS Foam
0'	11' 5"
1'	11' 7"
2'	12' 1"

**50# Live Load PSF**

Overhang	1# EPS Foam
0'	9' 4"
1'	9' 7"

**150 MPH Wind Speed**

Overhang	1# EPS Foam
0'	10' 8"
1'	10' 10"

**60# Live Load PSF**

Overhang	1# EPS Foam
0'	8' 7"
1'	9' 9"

We can engineer for any weather condition.  
 Send us your code requirements before ordering.  
 We will get you a quote.

**Total Load Table for Post and Column**

Post Description	Post Height			
	8'	9'	10'	12'
3" square extruded aluminum post, .090" wall	8,170 lbs	6,466 lbs	5,230 lbs	3,632 lbs