

Spans and Loads

The following pages contain Spans and Loads information for the various profiles and thicknesses that are manufactured by H & F Manufacturing Corporation. For additional design and installation information, please contact the sales department at H & F Manufacturing Corporation.

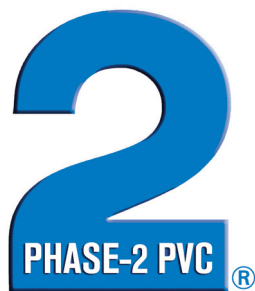
Phone: 800.474.2732 or 215.355.0250

Fax: 215.355.4066

Email: sales@hfmfgcorp.com

Web: www.hfmfgcorp.com

Address: H & F Manufacturing Corp.
PO Box 85
Feasterville, PA 19053-0085



Phase-2 PVC Spans and Loads

Corrugation & Thickness	Wind Velocity mph	Wind Load lbs/sf	Suggested Spacing Between Support in inches			Location of fasteners at supports (corrugation)	Suggested Lap Design		
			Roofing 1" in 12"	Roofing 4" in 12"	Siding Vertical		Side Lap Number of Laps	Location of Fasteners	End Lap Length of Overlap
2.67" x 7/8" 3/32" thick	50	15	54	60	66	Every 3rd	1 Corr.	12"	6"
	75	25	48	54	60	3rd	1 Corr.	12"	6"
	100	40	42	48	54	2nd	2 Corr.	12"	6"
	125	60	36	42	48	2nd	2 Corr.	12"	6"
4.2" x 1-1/16" 3/32" thick 1/8" thick 3/16" thick	50	15	[54]	[60]	[66]	2nd	1 Corr.	12"	6"
			{90}	{96}	{102}				
	75	25	[48]	[54]	[60]	2nd	1 Corr.	12"	6"
			{84}	{90}	{96}				
100	40	[42]	[48]	[54]	2nd	2 Corr.	12"	6"	
		{78}	{84}	{90}					
125	60	[36]	[42]	[48]	2nd	2 Corr.	12"	6"	
		{72}	{78}	{84}					
ASTORIA 3/32" thick	50	15	60	66	72	Standard	Standard	12"	6"
	75	25	54	60	66	Standard	Standard	12"	6"
	100	40	48	54	60	Standard	Standard	12"	6"
	125	60	42	48	54	Standard	Standard	12"	6"
7.2" x 1-1/2" 1/8" thick	50	15	72	78	84	Every	1 Corr.	12"	6"
	75	25	66	72	78	Every	1 Corr.	12"	6"
	100	40	60	66	72	Every	1 Corr.	12"	6"
	125	60	54	60	66	Every	1 Corr.	12"	6"

Weight: 3/32" = 12 ozs./sf 1/8" = 16 ozs./sf 3/16" = 24 ozs./sf

The above values are based on the use of H & F Manufacturing Corp.'s standard fasteners, i.e. SSA-Type or SSB-Type Fasteners for fastening PHASE-2 PVC panels to wood or steel, and the use of SGSF-Type Grommet Seal Fasteners for fastening PHASE-2 PVC panels to PHASE-2 PVC panels.

IMPORTANT NOTES:

PHASE-2 PVC Panels should not be installed on inclines of less than 1" in 12".

Fastener holes should be over drilled by 1/8" (except for grommet seal fasteners) over the fastener diameter being used.

PHASE-2 PVC panels should not be installed where temperatures exceed the upper limit. When installed where temperatures approach the upper serviceable limits, it is recommended that proper ventilation be used.

Unitrex Polycarbonate Spans and Loads

Corrugation & Thickness	Wind Velocity mph	Wind Load lbs/sf	Suggested Spacing Between Support in inches			Location of fasteners at supports (corrugation)	Suggested Lap Design		End Lap Length of Overlap
			Roofing 1" in 12"	Roofing 4" in 12"	Siding Vertical		Side Lap Number of Laps	Location of Fasteners	
2.67" x 7/8" 1/16" thick	50	15	54	60	72	Every 3rd	1 Corr.	12"	6"
	75	25	50	54	60	3rd	1 Corr.	12"	6"
	100	40	46	48	56	2nd	2 Corr.	12"	6"
	125	60	42	44	50	2nd	2 Corr.	12"	6"
4.2" x 1-1/16" 1/16" thick	50	15	54	60	72	2nd	1 Corr.	12"	6"
	75	25	50	54	60	2nd	1 Corr.	12"	6"
	100	40	46	48	56	2nd	2 Corr.	12"	6"
	125	60	42	44	50	2nd	2 Corr.	12"	6"
ULTRA-R 1/16" thick	50	15	60	66	72	Standard	Standard	12"	6"
	75	25	54	60	66	Standard	Standard	12"	6"
	100	40	48	54	60	Standard	Standard	12"	6"
	125	60	42	48	54	Standard	Standard	12"	6"
7.2" x 1-1/2" 1/16" thick	50	15	60	66	72	Every	1 Corr.	12"	6"
	75	25	54	60	66	Every	1 Corr.	12"	6"
	100	40	48	54	60	Every	1 Corr.	12"	6"
	125	60	42	48	54	Every	1 Corr.	12"	6"
GRECA 9" Classic 12" R-Panel 1/32" Thick	50	15	40	42	46	Ev. Valley	Standard	8"	6"
	75	25	36	38	42	Ev. Valley	Standard	8"	6"
	100	40	26	30	34	Ev. Valley	Standard	6"	8"

Weight: 1/32" = 4 ozs./sf 1/16" = 7 ozs./sf

The above values are based on the use of H & F Manufacturing Corp.'s standard fasteners, i.e. SSA-Type or SSB-Type Fasteners for fastening Unitrex Polycarbonate panels to wood or steel, and the use of SGSF-Type Grommet Seal Fasteners for fastening Unitrex Polycarbonate panels to Unitrex Polycarbonate panels.

IMPORTANT NOTES:

Unitrex Polycarbonate Panels should not be installed on inclines of less than 1" in 12".

Fastener holes should be over drilled by 1/8" (except for grommet seal fasteners) over the fastener diameter being used.