

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.