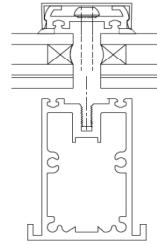


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Client: West Hampton Architectural Glass
 Project: Skylight
 Structure: Purlin Shape with out reinforcing
 Part of: Span Summary
 Designer: S. Jeske

Date: 12/14/2011
 Project Number: JE11122

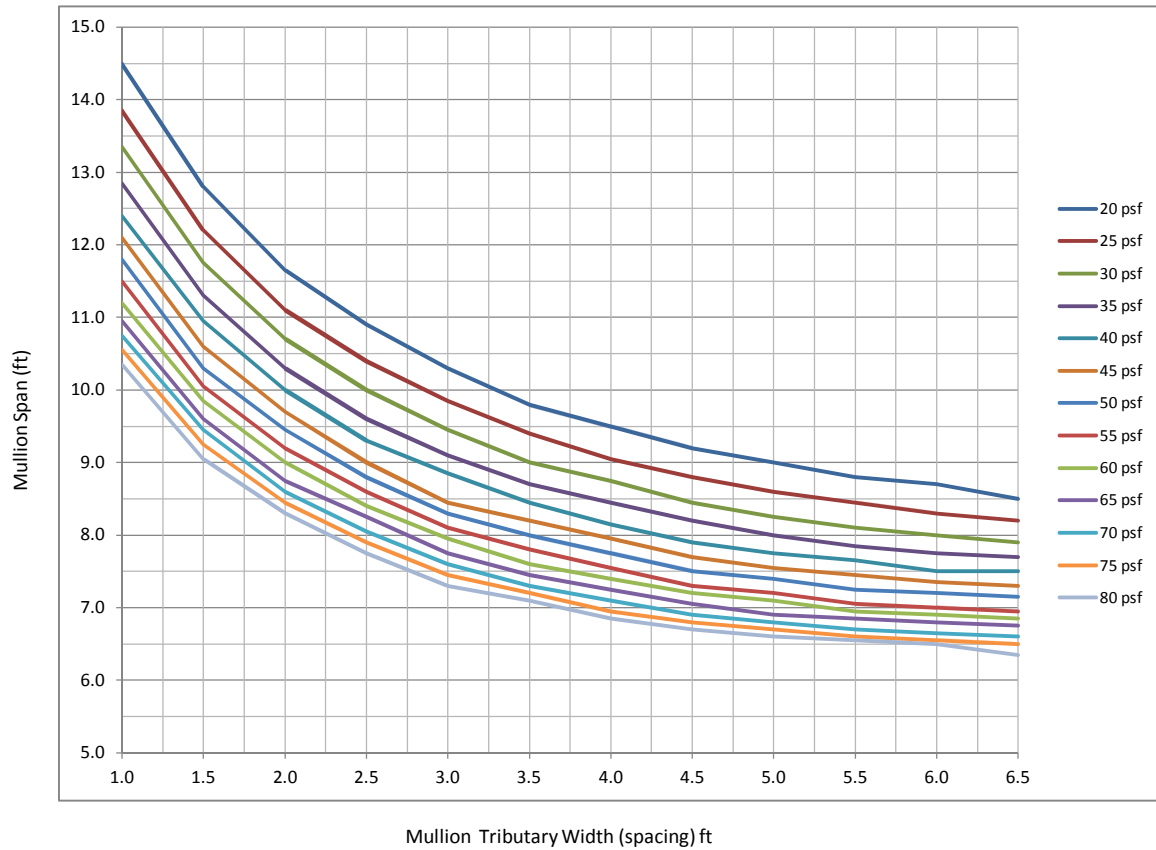
6063-T6

Glass Layup for Long Term Snow Loads

- 1/4" T - 1/2 AS - (1/4" A - .06 pvb - 1/4" A) Allowable to left of line
- 1/4" T - 1/2 AS - (3/16" A - .06 pvb - 3/16" A) Allowable to left of line
- (shaded) Glass Layup design should be checked for long term loads

Table Gives Allowable Span for the Mullion (ft)

| perp. Load (psf) | Tributary Width (spacing) ft | | | | | | | | | | | |
|------------------|------------------------------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 |
| 20.0 | 14.50 | 12.80 | 11.65 | 10.90 | 10.30 | 9.80 | 9.50 | 9.20 | 9.00 | 8.80 | 8.70 | 8.50 |
| 25.0 | 13.85 | 12.20 | 11.10 | 10.40 | 9.85 | 9.40 | 9.05 | 8.80 | 8.60 | 8.45 | 8.30 | 8.20 |
| 30.0 | 13.35 | 11.75 | 10.70 | 10.00 | 9.45 | 9.00 | 8.75 | 8.45 | 8.25 | 8.10 | 8.00 | 7.90 |
| 35.0 | 12.85 | 11.30 | 10.30 | 9.60 | 9.10 | 8.70 | 8.45 | 8.25 | 8.00 | 7.85 | 7.75 | 7.70 |
| 40.0 | 12.40 | 10.95 | 10.00 | 9.30 | 8.85 | 8.45 | 8.15 | 7.90 | 7.75 | 7.65 | 7.50 | 7.50 |
| 45.0 | 12.10 | 10.60 | 9.70 | 9.00 | 8.45 | 8.20 | 7.95 | 7.70 | 7.55 | 7.45 | 7.35 | 7.30 |
| 50.0 | 11.80 | 10.30 | 9.45 | 8.80 | 8.30 | 8.00 | 7.75 | 7.50 | 7.40 | 7.25 | 7.20 | 7.15 |
| 55.0 | 11.50 | 10.05 | 9.20 | 8.60 | 8.10 | 7.80 | 7.55 | 7.30 | 7.20 | 7.05 | 7.00 | 6.95 |
| 60.0 | 11.20 | 9.85 | 9.00 | 8.40 | 7.95 | 7.60 | 7.40 | 7.20 | 7.10 | 6.95 | 6.90 | 6.85 |
| 65.0 | 10.95 | 9.60 | 8.75 | 8.25 | 7.75 | 7.45 | 7.25 | 7.05 | 6.90 | 6.85 | 6.80 | 6.75 |
| 70.0 | 10.75 | 9.45 | 8.60 | 8.05 | 7.60 | 7.30 | 7.10 | 6.90 | 6.80 | 6.70 | 6.65 | 6.60 |
| 75.0 | 10.55 | 9.25 | 8.45 | 7.90 | 7.45 | 7.20 | 6.95 | 6.80 | 6.70 | 6.60 | 6.55 | 6.50 |
| 80.0 | 10.35 | 9.05 | 8.30 | 7.75 | 7.30 | 7.10 | 6.85 | 6.70 | 6.60 | 6.55 | 6.50 | 6.35 |



Note: Design Chart includes weight of glazing & purlin (12psf max) and is for the superimposed load on the system. The Chart assumes reduced tributary areas base on geometric formulas for load distribution on a single pane of glass. The Chart does not include the design of the insulated glass units.