

| Maximum design pressure capacity chart (psf) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Frame <br> Height <br> (in) <br> 24.00 | Single Panel Width (in) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 24.00 |  | 30.00 |  | 36.00 |  | 42.00 |  | 48.00 |  | 54.00 |  | 60.00 |  | 61.75 |  |
|  | Pos | Neg | Pos | Neg | Pos | Neg | Pos | Neg | Pos | Neg | Pos | Neg | Pos | Neg | Pos | Neg |
| 24.00 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 |
| 30.00 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 |
| 36.00 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 |
| 42.00 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 |
| 48.00 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 |
| 54.00 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 |
| 60.00 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 |
| 66.00 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 58.4 | 53.3 | 56.9 | 53.3 | 56.7 |
| 72.00 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 57.4 | 53.3 | 53.4 | 50.6 | 50.6 | 48.8 | 48.8 | 48.4 | 48.4 |
| 78.00 | 53.3 | 60.0 | 53.3 | 60.0 | 53.3 | 56.9 | 51.4 | 51.4 | 47.4 | 47.4 | 44.6 | 44.6 | 42.7 | 42.7 | 42.3 | 42.3 |
| 84.00 | 53.3 | 60.0 | 53.3 | 59.4 | 51.8 | 51.8 | 46.5 | 46.5 | 42.7 | 42.7 | 39.9 | 39.9 | 38.0 | 38.0 | 37.5 | 37.5 |
| 90.00 | 53.3 | 60.0 | 53.3 | 54.6 | 47.4 | 47.4 | 42.4 | 42.4 | 38.8 | 38.8 | 36.1 | 36.1 | 34.2 | 34.2 | 33.7 | 33.7 |
| 96.00 | 53.3 | 60.0 | 50.6 | 50.6 | 43.8 | 43.8 | 39.0 | 39.0 | 35.6 | 35.6 | 33.0 | 33.0 | 31.1 | 31.1 | 30.6 | 30.6 |
| 97.25 | 53.3 | 60.0 | 49.8 | 49.8 | 43.1 | 43.1 | 38.4 | 38.4 | 35.0 | 35.0 | 32.4 | 32.4 | 30.5 | 30.5 | 30.0 | 30.0 |

SIGNED: 03/24/2023

| US ALUMINUM 9050 SOLON RD. WAXAHACHIE, TX 75165 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| SERIES 450 CENTER GLAZE STORE FRONT <br> ELEVATION AND DESIGN PRESSURE CHART |  |  |  |  |
| $\begin{aligned} & \text { DRAWN: } \\ & \text { A.P. } \end{aligned}$ | DWG No. | -01813 |  | REV B |
| SCALE NTS | DATE 10/08/12 ${ }^{\text {SHEET } 2 ~ O F ~} 6$ |  |  |  |
| L. ROBERTO LOMAS P.E. <br> 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com |  |  |  |  |






