



WINDOW TECH SYSTEMS

PRODUCT SELECTION GUIDE

01/2020

| Thermally Broken Aluminum Windows | | | AAMA 101/I.S. 2/A440-08 | | | | 7/8" or 1" INSULATED GLASS - CBA RATING | | | | | | | | | | |
|-----------------------------------|----------|--------------------------|-------------------------|-------------|--------------|------------|---|-------------------|-------------------|---------------|---|-----------|----------------|--------------|-------------|----------------------------|---------------------------|
| Series | Material | Description | Frame Depth | Test Rating | Test Size | Ins. Glass | Uniform Structural Load | Air-Infiltrn | Air-Infiltrn | Water Resist. | Available U-factors with standard* glazing pkgs | SHGC | Lifecycle Test | Impact Rated | Blast Rated | Acoustic OITC rating Range | Acoustic STC rating Range |
| | | | | | | | | 6.24 psf (50 mph) | 1.57 psf (25 mph) | Test Press. | | | | | | | |
| 5000 | Aluminum | Project Out Casement | 2 1/2 | C-CW-80 | 2'8" x 5'0" | 1" | 120.0 psf | - | 0.01 | 12.11 psf | 0.48 - 0.65 | .52 - .26 | - | - | - | 24-32 | 30-39 |
| 5100 | Aluminum | Project Out Awning | 2 1/2 | P-CW100 | 4'0" x 2'8" | 1" | 150.0 psf | - | 0.01 | 12.11 psf | 0.48 - 0.65 | .52 - .26 | - | - | - | 24-32 | 30-39 |
| 5200 | Aluminum | Project In Hopper | 2 1/2 | CW-PG40 | 4'0" x 2'8" | 1" | 150.0 psf | - | 0.01 | 6.06 psf | 0.48 - 0.65 | .52 - .26 | - | - | - | 24-32 | 30-39 |
| 5500 | Aluminum | Fixed - Thermally Broken | 2 1/2 | F-CW100 | 5'0" x 5'0" | 1" | 150.0 psf | - | 0.01 | 12.12 psf | 0.34 - 0.56 | .56 - .24 | n/a | - | - | 22-31 | 28-37 |
| 5000 | Aluminum | Project Out Casement | 2 1/2 | C-AW-100 | 3'0" x 5'0" | 1" | 150.0 psf | 0.01 | - | 12.00 psf | 0.48 - 0.65 | .52 - .26 | x | - | - | 24-32 | 30-39 |
| 5100 | Aluminum | Project Out Awning | 2 1/2 | P-AW100 | 5'0" x 3'0" | 1" | 150.0 psf | 0.01 | - | 12.00 psf | 0.48 - 0.65 | .52 - .26 | x | - | - | 24-32 | 30-39 |
| 5200 | Aluminum | Project In Hopper | 2 1/2 | AW-PG40 | 5'0" x 3'0" | 1" | 60.0 psf | 0.03 | - | 8.40 psf | 0.48 - 0.65 | .52 - .26 | x | - | - | 24-32 | 30-39 |
| 5500 | Aluminum | Fixed - Thermally Broken | 2 1/2 | F-AW80 | 5'0" x 8'3" | 1" | 120.0 psf | 0.02 | - | 12.00 psf | 0.34 - 0.56 | .56 - .24 | n/a | - | - | 22-31 | 28-37 |
| 6000 | Aluminum | 3L Horizontal Slider | 3 1/4 | HS-LC50 | 10'0" x 6'0" | 7/8" | 45.1 psf | - | 0.12 | 10.66 psf | 0.40 - 0.63 | .61 - .29 | - | - | - | 23-32 | 28-39 |
| 6000 | Aluminum | Horizontal Slider | 3 1/4 | HS-C50 | 6'0" x 5'0" | 7/8" | 75.0 psf | - | 0.12 | 7.50 psf | 0.40 - 0.63 | .61 - .29 | - | - | - | 23-32 | 28-39 |
| 6000 | Aluminum | Horizontal Slider | 3 1/4 | CW-PG50 | 7'1" x 6'0" | 7/8" | 75.0 psf | - | 0.01 | 12.0 psf | 0.40 - 0.63 | .61 - .29 | - | - | - | 23-32 | 28-39 |
| 6500 | Aluminum | Fixed - Thermally Broken | 3 1/4 | F-C70 | 6'0" x 6'0" | 7/8" | 105.0 psf | - | 0.01 | 12.0 psf | 0.28 - 0.54 | .71 - .25 | n/a | - | - | 22-31 | 28-37 |
| 7000 | Aluminum | Double Hung Tilt | 3 1/4 | H-C50 | 4'6" x 7'6" | 7/8" | 75.0 psf | - | 0.14 | 8.25 psf | 0.62 - 0.40 | .60 - .29 | - | - | X | 24-33 | 29-38 |
| 7000 | Aluminum | Double Hung Tilt | 3 1/4 | H-C60 | 4'0" x 6'0" | 7/8" | 90.0 psf | - | 0.14 | 9.00 psf | 0.62 - 0.40 | .60 - .29 | - | - | X | 24-33 | 29-38 |
| 7500 | Aluminum | Fixed - Thermally Broken | 3 1/4 | F-C70 | 6'0" x 6'0" | 7/8" | 105.0 psf | - | 0.01 | 12.0 psf | 0.28 - 0.54 | .71 - .25 | n/a | - | - | 22-31 | 28-37 |
| 8000 | Aluminum | Double Hung Tilt | 3 1/4 | H-HC45 | 5'0" x 8'0" | 7/8" | 67.5 psf | - | 0.11 | 9.00 psf | 0.40 - 0.63 | .59 - .28 | - | X | X | 25-31 | 31-35 |
| 8000 | Aluminum | Double Hung Tilt | 3 1/4 | H-HC60 | 4'6" x 7'0" | 7/8" | 90.0 psf | - | 0.11 | 9.00 psf | 0.40 - 0.63 | .59 - .28 | - | X | X | 25-31 | 31-35 |
| 8000 | Aluminum | Double Hung Tilt | 3 1/4 | CW-PG55 | 5'6" x 9'1" | 7/8" | 82.5 psf | - | 0.09 | 12.00 psf | 0.40 - 0.63 | .59 - .28 | - | X | X | 25-31 | 31-35 |
| 8500 | Aluminum | Fixed - Thermally Broken | 3 1/4 | F-HC70 | 6'0" x 6'0" | 7/8" | 105.0 psf | - | 0.01 | 12.00 psf | 0.28 - 0.54 | .71 - .25 | n/a | - | - | 22-31 | 28-37 |
| 8500 | Aluminum | Fixed - Thermally Broken | 3 1/4 | F-CW50 | 5'0" x 5'0" | 7/8" | 120.0 psf | - | 0.01 | 12.00 psf | 0.28 - 0.54 | .71 - .25 | n/a | - | - | 22-31 | 28-37 |
| 8500 | Aluminum | Fixed - Thermally Broken | 3 1/4 | F-AW50 | 5'0" x 8'3" | 7/8" | 150.0 psf | - | 0.01 | 12.00 psf | 0.28 - 0.54 | .71 - .25 | n/a | - | - | 22-31 | 28-37 |
| 9000 | Aluminum | Double Hung Tilt | 4 1/8 | H-HC45 | 5'0" x 8'0" | 7/8" | 67.5 psf | - | 0.11 | 9.00 psf | 0.40 - 0.63 | .59 - .28 | - | X | X | 25-31 | 31-35 |
| 9000 | Aluminum | Double Hung Tilt | 4 1/8 | H-HC60 | 4'6" x 7'0" | 7/8" | 90.0 psf | - | 0.11 | 9.00 psf | 0.40 - 0.63 | .59 - .28 | - | - | - | 25-31 | 31-35 |
| 9500 | Aluminum | Fixed - Thermally Broken | 4 1/8 | F-HC70 | 6'0" x 6'0" | 7/8" | 105.0 psf | - | 0.01 | 12.00 psf | 0.28 - 0.54 | .71 - .25 | n/a | - | - | 22-31 | 28-37 |

*common thermal values provided - expanded range available