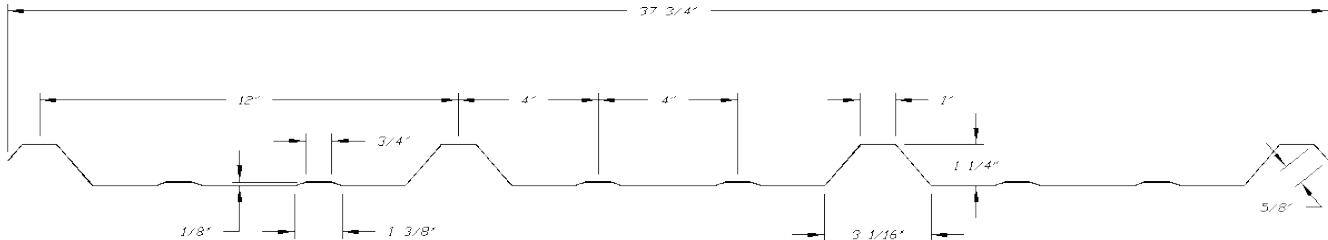


## R-PANEL

## PROFILE #: 162



### 162DL | 8oz. Duralite

#### TABLES BELOW IN FEET AND INCHES ONLY

| ROOFING: POSITIVE LOADS    |  |  | LIMITING CRITERIA: 2.5 to 1 Safety Factor |        |         |        |        |         | 45 to 1 Deflection Limit Ratio (L/D) |        |         |        |        |         |
|----------------------------|--|--|---|--------|---------|--------|--------|---------|--------------------------------------|--------|---------|--------|--------|---------|
| Panel Description: R-Panel |  |  | Panel Strength = 15000 psi                |        |         |        |        |         | Flexural Modulus = 1000000 psi       |        |         |        |        |         |
| Duralite                   |  |  |   |        |         |        |        |         |                                      |        |         |        |        |         |
| 8 oz./sq. ft.              |  |  |   |        |         |        |        |         |                                      |        |         |        |        |         |
| Generic: 162DL             |  |  |   |        |         |        |        |         |                                      |        |         |        |        |         |
|                            |  |  | 20 psf                                    |        |         | 30 psf |        |         | 40 psf                               |        |         | 50 psf |        |         |
|                            |  |  | 1 SPAN                                    | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN | 1 SPAN                               | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN |
| Stress Limit               |  |  | 5'-2"                                     | 5'-2"  | 5'-9"   | 4'-3"  | 4'-3"  | 4'-9"   | 3'-8"                                | 3'-8"  | 4'-1"   | 3'-3"  | 3'-3"  | 3'-8"   |
| Deflection Limit           |  |  | 4'-4"                                     | 5'-10" | 5'-4"   | 3'-9"  | 5'-1"  | 4'-8"   | 3'-5"                                | 4'-7"  | 4'-3"   | 3'-2"  | 4'-3"  | 3'-11"  |

| ROOFING/SIDING: WIND LOADS |  |  | LIMITING CRITERIA: 1.88 to 1 Safety Factor |        |         |        |        |         | 20 to 1 Deflection Limit Ratio (L/D) |        |         |        |        |         |
|----------------------------|--|--|--|--------|---------|--------|--------|---------|--------------------------------------|--------|---------|--------|--------|---------|
| Panel Description: R-Panel |  |  | Panel Strength = 15000 psi                 |        |         |        |        |         | Flexural Modulus = 1000000 psi       |        |         |        |        |         |
| Duralite                   |  |  |  |        |         |        |        |         |                                      |        |         |        |        |         |
| 8 oz./sq. ft.              |  |  |  |        |         |        |        |         |                                      |        |         |        |        |         |
| Generic: 162DL             |  |  |  |        |         |        |        |         |                                      |        |         |        |        |         |
|                            |  |  | 20 psf                                     |        |         | 30 psf |        |         | 40 psf                               |        |         | 50 psf |        |         |
|                            |  |  | 1 SPAN                                     | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN | 1 SPAN                               | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN |
| Stress Limit               |  |  | 5'-11"                                     | 5'-11" | 6'-8"   | 4'-10" | 4'-10" | 5'-5"   | 4'-3"                                | 4'-3"  | 5'-0"   | 3'-9"  | 3'-9"  | 3'-8"   |
| Deflection Limit           |  |  | 5'-8"                                      | 7'-7"  | 7'-0"   | 5'-0"  | 6'-8"  | 6'-2"   | 4'-6"                                | 6'-1"  | 5'-7"   | 4'-2"  | 5'-7"  | 5'-2"   |

### 162DL | 12oz. Duralite

#### TABLES BELOW IN FEET AND INCHES ONLY

| ROOFING: POSITIVE LOADS    |  |  | LIMITING CRITERIA: 2.5 to 1 Safety Factor |        |         |        |        |         | 45 to 1 Deflection Limit Ratio (L/D) |        |         |        |        |         |
|----------------------------|--|--|---|--------|---------|--------|--------|---------|--------------------------------------|--------|---------|--------|--------|---------|
| Panel Description: R-Panel |  |  | Panel Strength = 15000 psi                |        |         |        |        |         | Flexural Modulus = 1000000 psi       |        |         |        |        |         |
| Duralite                   |  |  |   |        |         |        |        |         |                                      |        |         |        |        |         |
| 12 oz./sq. ft.             |  |  |   |        |         |        |        |         |                                      |        |         |        |        |         |
| Generic: 162DL             |  |  |   |        |         |        |        |         |                                      |        |         |        |        |         |
|                            |  |  | 20 psf                                    |        |         | 30 psf |        |         | 40 psf                               |        |         | 50 psf |        |         |
|                            |  |  | 1 SPAN                                    | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN | 1 SPAN                               | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN |
| Stress Limit               |  |  | 6'-3"                                     | 6'-3"  | 7'-0"   | 5'-2"  | 5'-2"  | 5'-9"   | 4'-5"                                | 4'-5"  | 5'-0"   | 4'-0"  | 4'-0"  | 4'-5"   |
| Deflection Limit           |  |  | 5'-0"                                     | 6'-8"  | 6'-2"   | 4'-4"  | 5'-10" | 5'-4"   | 3'-11"                               | 5'-3"  | 4'-10"  | 3'-8"  | 4'-11" | 4'-6"   |

| ROOFING/SIDING: WIND LOADS |  |  | LIMITING CRITERIA: 1.88 to 1 Safety Factor |        |         |        |        |         | 20 to 1 Deflection Limit Ratio (L/D) |        |         |        |        |         |
|----------------------------|--|--|--|--------|---------|--------|--------|---------|--------------------------------------|--------|---------|--------|--------|---------|
| Panel Description: R-Panel |  |  | Panel Strength = 15000 psi                 |        |         |        |        |         | Flexural Modulus = 1000000 psi       |        |         |        |        |         |
| Duralite                   |  |  |  |        |         |        |        |         |                                      |        |         |        |        |         |
| 12 oz./sq. ft.             |  |  |  |        |         |        |        |         |                                      |        |         |        |        |         |
| Generic: 162DL             |  |  |  |        |         |        |        |         |                                      |        |         |        |        |         |
|                            |  |  | 20 psf                                     |        |         | 30 psf |        |         | 40 psf                               |        |         | 50 psf |        |         |
|                            |  |  | 1 SPAN                                     | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN | 1 SPAN                               | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN |
| Stress Limit               |  |  | 7'-3"                                      | 7'-3"  | 8'-1"   | 5'-11" | 5'-11" | 6'-7"   | 5'-1"                                | 5'-1"  | 5'-9"   | 4'-7"  | 4'-7"  | 5'-1"   |
| Deflection Limit           |  |  | 6'-6"                                      | 8'-9"  | 8'-0"   | 5'-8"  | 7'-7"  | 7'-0"   | 5'-2"                                | 6'-11" | 6'-5"   | 4'-10" | 6'-5"  | 5'-11"  |

162DLW | 8oz. Duralite High Strength

| TABLES BELOW IN FEET AND INCHES ONLY |  |  |   |        |         |        |        |         |                                      |        |         |        |        |         |
|--------------------------------------|--|--|---|--------|---------|--------|--------|---------|--------------------------------------|--------|---------|--------|--------|---------|
| ROOFING: POSITIVE LOADS              |  |  | LIMITING CRITERIA: 2.5 to 1 Safety Factor |        |         |        |        |         | 45 to 1 Deflection Limit Ratio (L/D) |        |         |        |        |         |
| Panel Description: R-Panel           |  |  | Panel Strength = 25000 psi                |        |         |        |        |         | Flexural Modulus = 1100000 psi       |        |         |        |        |         |
| Duralite-High Strength               |  |  |   |        |         |        |        |         |                                      |        |         |        |        |         |
| 8 oz./sq. ft.                        |  |  | 20 psf                                    |        |         | 30 psf |        |         | 40 psf                               |        |         | 50 psf |        |         |
| Generic: 162DLW                      |  |  | 1 SPAN                                    | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN | 1 SPAN                               | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN |
| Stress Limit                         |  |  | 6'-4"                                     | 6'-4"  | 7'-1"   | 5'-2"  | 5'-2"  | 5'-10"  | 4'-6"                                | 4'-6"  | 5'-0"   | 4'-0"  | 4'-0"  | 4'-6"   |
| Deflection Limit                     |  |  | 4'-4"                                     | 5'-10" | 5'-4"   | 3'-9"  | 5'-1"  | 4'-8"   | 3'-5"                                | 4'-7"  | 4'-3"   | 3'-2"  | 4'-3"  | 3'-11"  |

| TABLES BELOW IN FEET AND INCHES ONLY |  |  |  |        |         |        |        |         |                                      |        |         |        |        |         |
|--------------------------------------|--|--|--|--------|---------|--------|--------|---------|--------------------------------------|--------|---------|--------|--------|---------|
| ROOFING/SIDING: WIND LOADS           |  |  | LIMITING CRITERIA: 1.88 to 1 Safety Factor |        |         |        |        |         | 20 to 1 Deflection Limit Ratio (L/D) |        |         |        |        |         |
| Panel Description: R-Panel           |  |  | Panel Strength = 25000 psi                 |        |         |        |        |         | Flexural Modulus = 1100000 psi       |        |         |        |        |         |
| Duralite-High Strength               |  |  |  |        |         |        |        |         |                                      |        |         |        |        |         |
| 8 oz./sq. ft.                        |  |  | 20 psf                                     |        |         | 30 psf |        |         | 40 psf                               |        |         | 50 psf |        |         |
| Generic: 162DLW                      |  |  | 1 SPAN                                     | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN | 1 SPAN                               | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN |
| Stress Limit                         |  |  | 7'-4"                                      | 7'-4"  | 8'-2"   | 6'-0"  | 6'-0"  | 6'-8"   | 5'-2"                                | 5'-2"  | 5'-10"  | 4'-8"  | 4'-8"  | 5'-2"   |
| Deflection Limit                     |  |  | 5'-8"                                      | 7'-7"  | 7'-0"   | 5'-0"  | 6'-8"  | 6'-2"   | 4'-6"                                | 6'-1"  | 5'-7"   | 4'-2"  | 5'-7"  | 5'-2"   |

162IFW | 8oz. IsoTuff High Strength

| TABLES BELOW IN FEET AND INCHES ONLY |  |  |   |        |         |        |        |         |                                      |        |         |        |        |         |
|--------------------------------------|--|--|---|--------|---------|--------|--------|---------|--------------------------------------|--------|---------|--------|--------|---------|
| ROOFING: POSITIVE LOADS              |  |  | LIMITING CRITERIA: 2.5 to 1 Safety Factor |        |         |        |        |         | 45 to 1 Deflection Limit Ratio (L/D) |        |         |        |        |         |
| Panel Description: R-Panel           |  |  | Panel Strength = 30000 psi                |        |         |        |        |         | Flexural Modulus = 1000000 psi       |        |         |        |        |         |
| IsoTuff High-Strength                |  |  |   |        |         |        |        |         |                                      |        |         |        |        |         |
| 8 oz./sq. ft.                        |  |  | 20 psf                                    |        |         | 30 psf |        |         | 40 psf                               |        |         | 50 psf |        |         |
| Generic: 162IFW                      |  |  | 1 SPAN                                    | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN | 1 SPAN                               | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN |
| Stress Limit                         |  |  | 6'-9"                                     | 6'-9"  | 7'-7"   | 5'-6"  | 5'-6"  | 6'-2"   | 4'-9"                                | 4'-9"  | 5'-4"   | 4'-3"  | 4'-3"  | 4'-9"   |
| Deflection Limit                     |  |  | 4'-1"                                     | 5'-6"  | 5'-1"   | 3'-7"  | 4'-10" | 4'-5"   | 3'-3"                                | 4'-5"  | 4'-0"   | 3'-0"  | 4'-1"  | 3'-9"   |

| TABLES BELOW IN FEET AND INCHES ONLY |  |  |  |        |         |        |        |         |                                      |        |         |        |        |         |
|--------------------------------------|--|--|--|--------|---------|--------|--------|---------|--------------------------------------|--------|---------|--------|--------|---------|
| ROOFING/SIDING: WIND LOADS           |  |  | LIMITING CRITERIA: 1.88 to 1 Safety Factor |        |         |        |        |         | 20 to 1 Deflection Limit Ratio (L/D) |        |         |        |        |         |
| Panel Description: R-Panel           |  |  | Panel Strength = 30000 psi                 |        |         |        |        |         | Flexural Modulus = 1000000 psi       |        |         |        |        |         |
| IsoTuff High-Strength                |  |  |  |        |         |        |        |         |                                      |        |         |        |        |         |
| 8 oz./sq. ft.                        |  |  | 20 psf                                     |        |         | 30 psf |        |         | 40 psf                               |        |         | 50 psf |        |         |
| Generic: 162IFW                      |  |  | 1 SPAN                                     | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN | 1 SPAN                               | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN |
| Stress Limit                         |  |  | 7'-10"                                     | 7'-10" | 8'-9"   | 6'-5"  | 6'-5"  | 7'-2"   | 5'-6"                                | 5'-6"  | 6'-2"   | 4'-11" | 4'-11" | 5'-6"   |
| Deflection Limit                     |  |  | 5'-5"                                      | 7'-3"  | 6'-8"   | 4'-9"  | 6'-4"  | 5'-10"  | 4'-3"                                | 5'-9"  | 5'-4"   | 4'-0"  | 5'-4"  | 4'-11"  |

162ST | 8oz. SunStrong

| TABLES BELOW IN FEET AND INCHES ONLY |  |  |   |        |         |        |        |         |                                      |        |         |        |        |         |
|--------------------------------------|--|--|---|--------|---------|--------|--------|---------|--------------------------------------|--------|---------|--------|--------|---------|
| ROOFING: POSITIVE LOADS              |  |  | LIMITING CRITERIA: 2.5 to 1 Safety Factor |        |         |        |        |         | 45 to 1 Deflection Limit Ratio (L/D) |        |         |        |        |         |
| Panel Description: R-Panel           |  |  | Panel Strength = 25,000 psi               |        |         |        |        |         | Flexural Modulus = 900,000 psi       |        |         |        |        |         |
| SunStrong Profiled                   |  |  |   |        |         |        |        |         |                                      |        |         |        |        |         |
| 8.0 oz./sq. ft.                      |  |  | 20 psf                                    |        |         | 30 psf |        |         | 40 psf                               |        |         | 50 psf |        |         |
| Generic: 162ST                       |  |  | 1 SPAN                                    | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN | 1 SPAN                               | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN |
| Stress Limit                         |  |  | 6'-9"                                     | 6'-9"  | 7'-7"   | 5'-6"  | 5'-6"  | 6'-2"   | 4'-9"                                | 4'-9"  | 5'-4"   | 4'-3"  | 4'-3"  | 4'-9"   |
| Deflection Limit                     |  |  | 4'-3"                                     | 5'-8"  | 5'-3"   | 3'-8"  | 4'-11" | 4'-7"   | 3'-4"                                | 4'-6"  | 4'-2"   | 3'-1"  | 4'-2"  | 3'-10"  |

Generic: 162ST

| TABLES BELOW IN FEET AND INCHES ONLY |  |  |  |        |         |        |        |         |                                      |        |         |        |        |         |
|--------------------------------------|--|--|--|--------|---------|--------|--------|---------|--------------------------------------|--------|---------|--------|--------|---------|
| ROOFING/SIDING: WIND LOADS           |  |  | LIMITING CRITERIA: 1.88 to 1 Safety Factor |        |         |        |        |         | 20 to 1 Deflection Limit Ratio (L/D) |        |         |        |        |         |
| Panel Description: R-Panel           |  |  | Panel Strength = 25,000 psi                |        |         |        |        |         | Flexural Modulus = 900,000 psi       |        |         |        |        |         |
| SunStrong Profiled                   |  |  |  |        |         |        |        |         |                                      |        |         |        |        |         |
| 8.0 oz./sq. ft.                      |  |  | 20 psf                                     |        |         | 30 psf |        |         | 40 psf                               |        |         | 50 psf |        |         |
| Generic: 162ST                       |  |  | 1 SPAN                                     | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN | 1 SPAN                               | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN |
| Stress Limit                         |  |  | 7'-10"                                     | 7'-10" | 8'-9"   | 6'-4"  | 6'-4"  | 7'-2"   | 5'-6"                                | 5'-6"  | 6'-2"   | 4'-11" | 4'-11" | 5'-6"   |
| Deflection Limit                     |  |  | 5'-7"                                      | 7'-5"  | 6'-10"  | 4'-10" | 6'-6"  | 6'-0"   | 4'-5"                                | 5'-11" | 5'-5"   | 4'-1"  | 5'-6"  | 5'-1"   |

162STW | 8oz. SunStrong High Strength

| TABLES BELOW IN FEET AND INCHES ONLY |  |  |   |        |         |        |        |         |                                      |        |         |        |        |         |        |        |         |
|--------------------------------------|--|--|---|--------|---------|--------|--------|---------|--------------------------------------|--------|---------|--------|--------|---------|--------|--------|---------|
| ROOFING: POSITIVE LOADS              |  |  | LIMITING CRITERIA: 2.5 to 1 Safety Factor |        |         |        |        |         | 45 to 1 Deflection Limit Ratio (L/D) |        |         |        |        |         |        |        |         |
| Panel Description: R-Panel           |  |  | Panel Strength = 30,000 psi               |        |         |        |        |         | Flexural Modulus = 810,000 psi       |        |         |        |        |         |        |        |         |
| SunStrong - Profiled High Strength   |  |  |   |        |         |        |        |         |                                      |        |         |        |        |         |        |        |         |
| 8.0 oz./sq. ft.                      |  |  | 20 psf                                    |        |         | 30 psf |        |         | 40 psf                               |        |         | 50 psf |        |         | 60 psf |        |         |
| Generic: 162STW                      |  |  | 1 SPAN                                    | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN | 1 SPAN                               | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN |
| Stress Limit                         |  |  | 7'-2"                                     | 7'-2"  | 8'-0"   | 5'-10" | 5'-10" | 6'-6"   | 5'-1"                                | 5'-1"  | 5'-8"   | 4'-6"  | 4'-6"  | 5'-1"   | 4'-1"  | 4'-1"  | 4'-7"   |
| Deflection Limit                     |  |  | 4'-0"                                     | 5'-4"  | 4'-11"  | 3'-6"  | 4'-8"  | 4'-4"   | 3'-2"                                | 4'-3"  | 3'-11"  | 2'-11" | 3'-11" | 3'-8"   | 2'-9"  | 3'-8"  | 3'-5"   |

Generic: 162STW

|                                    |  |  |  |        |         |        |        |         |                                      |        |         |        |        |         |        |        |         |
|------------------------------------|--|--|--|--------|---------|--------|--------|---------|--------------------------------------|--------|---------|--------|--------|---------|--------|--------|---------|
| ROOFING/SIDING: WIND LOADS         |  |  | LIMITING CRITERIA: 1.88 to 1 Safety Factor |        |         |        |        |         | 20 to 1 Deflection Limit Ratio (L/D) |        |         |        |        |         |        |        |         |
| Panel Description: R-Panel         |  |  | Panel Strength = 30,000 psi                |        |         |        |        |         | Flexural Modulus = 810,000 psi       |        |         |        |        |         |        |        |         |
| SunStrong - Profiled High Strength |  |  |  |        |         |        |        |         |                                      |        |         |        |        |         |        |        |         |
| 8.0 oz./sq. ft.                    |  |  | 20 psf                                     |        |         | 30 psf |        |         | 40 psf                               |        |         | 50 psf |        |         | 60 psf |        |         |
| Generic: 162STW                    |  |  | 1 SPAN                                     | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN | 1 SPAN                               | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN |
| Stress Limit                       |  |  | 8'-3"                                      | 8'-3"  | 9'-3"   | 6'-9"  | 6'-9"  | 7'-6"   | 5'-10"                               | 5'-10" | 6'-6"   | 5'-3"  | 5'-3"  | 5'-10"  | 4'-9"  | 4'-9"  | 5'-4"   |
| Deflection Limit                   |  |  | 5'-3"                                      | 7'-0"  | 6'-5"   | 4'-7"  | 6'-1"  | 5'-8"   | 4'-2"                                | 5'-7"  | 5'-1"   | 3'-10" | 5'-2"  | 4'-9"   | 3'-7"  | 4'-10" | 4'-6"   |

162STW | 12oz. SunStrong High Strength

| TABLES BELOW IN FEET AND INCHES ONLY   |  |  |   |        |         |        |        |         |                                      |        |         |        |        |         |        |        |         |
|--|--|--|---|--------|---------|--------|--------|---------|--------------------------------------|--------|---------|--------|--------|---------|--------|--------|---------|
| ROOFING: POSITIVE LOADS<br>Panel Description: R-Panel<br>SunStrong - Profiled High Strength<br>12.0 oz./sq. ft.<br>Generic: 162STW |  |  | LIMITING CRITERIA: 2.5 to 1 Safety Factor |        |         |        |        |         | 45 to 1 Deflection Limit Ratio (L/D) |        |         |        |        |         |        |        |         |
|  |  |  | Panel Strength = 25,000 psi               |        |         |        |        |         | Flexural Modulus = 900,000 psi       |        |         |        |        |         |        |        |         |
|  |  |  |   |        |         |        |        |         |                                      |        |         |        |        |         |        |        |         |
|  |  |  |   |        |         |        |        |         |                                      |        |         |        |        |         |        |        |         |
|  |  |  | 20 psf                                    |        |         | 30 psf |        |         | 40 psf                               |        |         | 50 psf |        |         | 60 psf |        |         |
|  |  |  | 1 SPAN                                    | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN | 1 SPAN                               | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN |
| Stress Limit   |  |  | 7'-11"                                    | 7'-11" | 8'-10"  | 6'-6"  | 6'-6"  | 7'-3"   | 5'-7"                                | 5'-7"  | 6'-3"   | 5'-0"  | 5'-0"  | 5'-7"   | 4'-7"  | 4'-7"  | 5'-1"   |
| Deflection Limit   |  |  | 4'-9"                                     | 6'-4"  | 5'-10"  | 4'-2"  | 5'-6"  | 5'-1"   | 3'-9"                                | 5'-0"  | 4'-8"   | 3'-6"  | 4'-8"  | 3'-3"   | 4'-5"  | 4'-1"  |         |

Generic: 162STW

|                                    |  |  |  |        |         |        |        |         |                                      |        |         |        |        |         |        |        |         |
|------------------------------------|--|--|--|--------|---------|--------|--------|---------|--------------------------------------|--------|---------|--------|--------|---------|--------|--------|---------|
| ROOFING/SIDING: WIND LOADS         |  |  | LIMITING CRITERIA: 1.88 to 1 Safety Factor |        |         |        |        |         | 20 to 1 Deflection Limit Ratio (L/D) |        |         |        |        |         |        |        |         |
| Panel Description: R-Panel         |  |  | Panel Strength = 25,000 psi                |        |         |        |        |         | Flexural Modulus = 900,000 psi       |        |         |        |        |         |        |        |         |
| SunStrong - Profiled High Strength |  |  |  |        |         |        |        |         |                                      |        |         |        |        |         |        |        |         |
| 12.0 oz./sq. ft.                   |  |  | 20 psf                                     |        |         | 30 psf |        |         | 40 psf                               |        |         | 50 psf |        |         | 60 psf |        |         |
| Generic: 162STW                    |  |  | 1 SPAN                                     | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN | 1 SPAN                               | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN | 1 SPAN | 2 SPAN | 3+ SPAN |
| Stress Limit                       |  |  | 9'-2"                                      | 9'-2"  | 10'-3"  | 7'-6"  | 7'-6"  | 8'-4"   | 6'-6"                                | 6'-6"  | 7'-3"   | 5'-9"  | 5'-9"  | 6'-6"   | 5'-3"  | 5'-3"  | 5'-11"  |
| Deflection Limit                   |  |  | 6'-2"                                      | 8'-4"  | 7'-8"   | 5'-5"  | 7'-3"  | 6'-8"   | 4'-11"                               | 6'-7"  | 6'-1"   | 4'-7"  | 6'-1"  | 5'-8"   | 4'-3"  | 5'-9"  | 5'-4"   |

**NOTE:** This information is provided as preliminary data for designers. It should be checked and verified and its use determined by a duly licensed engineer or architect. **NOTE:** Spans will vary with resin formulation, glass content, and thickness. For data on other profiles, formulations, or conditions contact the technical department. **DISCLAIMER:** These load span tables do not reflect any span reduction that may be associated with various fastening options.

At Valto, we partner with our customers, and through innovation, deliver advanced materials that enhance everyday environments. We succeed through a culture of collaboration, continuous improvement, and excellence. With integrity at our core, we challenge the status quo and pursue innovative approaches that benefit our customers and associates.

Since 1954, Valto Engineered Materials has provided innovative products and services and is a leading provider of FRP composite panels. Our lightweight composite products deliver unsurpassed strength and durability; and we continue to pioneer next level performance in building materials, recreational vehicles, and transportation.