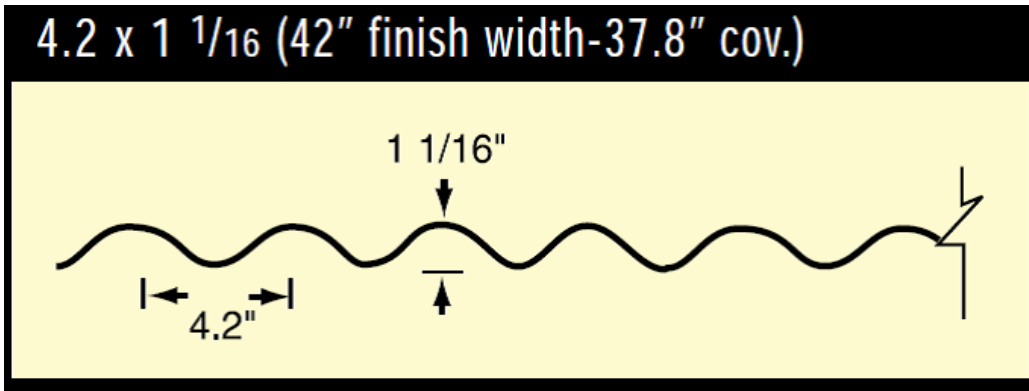


# Fiberglass Reinforced Polymer Panels

## Technical Data



4.2 x 1-1/16"

Load / Span Tables  
(Standard Profile)

- 1 Denotes Simple Span Condition
- 2 Denotes Double Span Condition
- 3 Denotes Triple Span Condition

### SIDING / ROOFING WIND LOADS (PSF)

	20			30			40			50			60		
<b>Tred-Safe</b>	7'-4"	9'-5"	9'-0"	6'-4"	7'-8"	7'-10"	5'-9"	6'-8"	7'-2"	5'-4"	6'-0"	6'-8"	5'-1"	5'-5"	6'-1"
<b>1440</b>	7'-0"	8'-11"	8'-8"	6'-1"	7'-3"	7'-7"	5'-7"	6'-3"	6'-10"	5'-2"	5'-7"	6'-3"	4'-10"	5'-2"	5'-9"
<b>1240</b>	6'-4"	8'-6"	7'-10"	5'-6"	7'-0"	6'-10"	5'-0"	6'-0"	6'-3"	4'-8"	5'-5"	5'-9"	4'-5"	4'-11"	5'-5"
<b>1040</b>	6'-0"	7'-10"	7'-4"	5'-2"	6'-4"	6'-5"	4'-9"	5'-6"	5'-10"	4'-5"	4'-11"	5'-5"	4'-2"	4'-6"	5'-0"
<b>840</b>	5'-6"	7'-0"	6'-10"	4'-10"	5'-8"	6'-0"	4'-5"	4'-11"	5'-5"	4'-1"	4'-5"	4'-11"	3'-10"	4'-0"	4'-6"
<b>1230</b>	5'-6"	7'-4"	6'-9"	4'-9"	6'-5"	5'-11"	4'-4"	5'-10"	5'-5"	4'-0"	5'-5"	5'-0"	3'-10"	4'-11"	4'-8"
<b>830</b>	4'-9"	6'-5"	5'-11"	4'-2"	5'-7"	5'-2"	3'-10"	4'-11"	4'-8"	3'-6"	4'-5"	4'-4"	3'-4"	4'-0"	4'-1"
<b>RFM 17</b>	7'-9"	8'-3"	9'-2"	6'-9"	6'-9"	7'-6"	5'-10"	5'-10"	6'-6"	5'-2"	5'-2"	5'-10"	4'-9"	4'-9"	5'-4"
<b>RFM 14</b>	7'-5"	7'-7"	8'-6"	6'-3"	6'-3"	6'-11"	5'-5"	5'-5"	6'-0"	4'-10"	4'-10"	5'-5"	4'-5"	4'-5"	4'-11"
<b>RFM 11</b>	6'-11"	6'-11"	7'-9"	5'-8"	5'-8"	6'-4"	4'-11"	4'-11"	5'-6"	4'-5"	4'-5"	4'-11"	4'-0"	4'-0"	4'-6"

### DIMENSIONS

<b>Standard</b>	
Finish Width	42"
Coverage Width	37.8"
Lengths	4' to 30'

**PANEL TYPES** Nominal Weight  
(Oz. / Sq. Ft.)

1645 Tred Safe	16
1440 / 1430	14
1240 / 1230	12
1040 / 1030	10
840 / 830	8

### ROOF LIVE LOADS (PSF)

	20			30			40			50			60		
<b>Tred-Safe</b>	5'-7"	7'-6"	6'-10"	4'-10"	6'-6"	6'-0"	4'-5"	5'-9"	5'-5"	4'-1"	5'-2"	5'-1"	3'-10"	4'-9"	4'-9"
<b>1440</b>	5'-4"	7'-2"	6'-7"	4'-8"	6'-3"	5'-9"	4'-3"	5'-5"	5'-3"	3'-11"	4'-10"	4'-10"	3'-9"	4'-5"	4'-7"
<b>1240</b>	4'-10"	6'-6"	6'-0"	4'-3"	5'-8"	5'-3"	3'-10"	5'-2"	4'-9"	3'-7"	4'-8"	4'-5"	3'-4"	4'-3"	4'-2"
<b>1040</b>	4'-7"	6'-1"	5'-7"	4'-0"	5'-4"	4'-11"	3'-7"	4'-9"	4'-6"	3'-4"	4'-3"	4'-2"	3'-2"	3'-11"	3'-11"
<b>840</b>	4'-3"	5'-8"	5'-3"	3'-8"	4'-11"	4'-7"	3'-4"	4'-3"	4'-2"	3'-1"	3'-10"	3'-10"	2'-11"	3'-6"	3'-7"
<b>1230</b>	4'-2"	5'-7"	5'-2"	3'-8"	4'-11"	4'-6"	3'-4"	4'-5"	4'-1"	3'-1"	4'-2"	3'-10"	2'-11"	3'-11"	3'-7"
<b>830</b>	3'-8"	4'-11"	4'-6"	3'-2"	4'-3"	3'-11"	2'-11"	3'-11"	3'-7"	2'-8"	3'-7"	3'-4"	2'-6"	3'-5"	3'-2"
<b>RFM 17</b>	5'-11"	7'-1"	7'-4"	5'-2"	5'-10"	6'-5"	4'-9"	5'-0"	5'-8"	4'-5"	4'-6"	5'-0"	4'-1"	4'-1"	4'-7"
<b>RFM 14</b>	5'-8"	6'-7"	7'-0"	4'-11"	5'-5"	6'-0"	4'-6"	4'-8"	5'-3"	4'-2"	4'-2"	4'-8"	3'-10"	3'-10"	4'-3"
<b>RFM 11</b>	5'-4"	6'-0"	6'-7"	4'-8"	4'-11"	5'-6"	4'-3"	4'-3"	4'-9"	3'-10"	3'-10"	4'-3"	3'-6"	3'-6"	3'-11"

### ADDITIONAL INFORMATION

- FRP Panel Design
- Fire Resistance & Codes
- Corrosion & Weathering
- Color, Finish, & Light Transmission
- Fasteners & Accessories
- Flashing Details
- Installation, Storage, and Handling
- Gutters & Downspouts

### NOTES:

1. Load/Span limits are based on full scale panel tests representing actual field conditions.
2. Panel span/deflection ratios (L/D) shall be limited to L/20 for wind loads and L/45 for live loads.
3. Factors of safety shall be 1.88 for panels subjected to wind loads and 2.5 for panels subjected to live loads.
4. Load/Span limits are based on fasteners with 5/8" washers in every low.
5. Other panel types, weights, glass reinforcements, resin types, lengths, fastening options, or special loading requirements may be available; please contact us for more information.
6. All roof slopes are a minimum of 1:12. For slopes less than 1:12, contact us for more information.