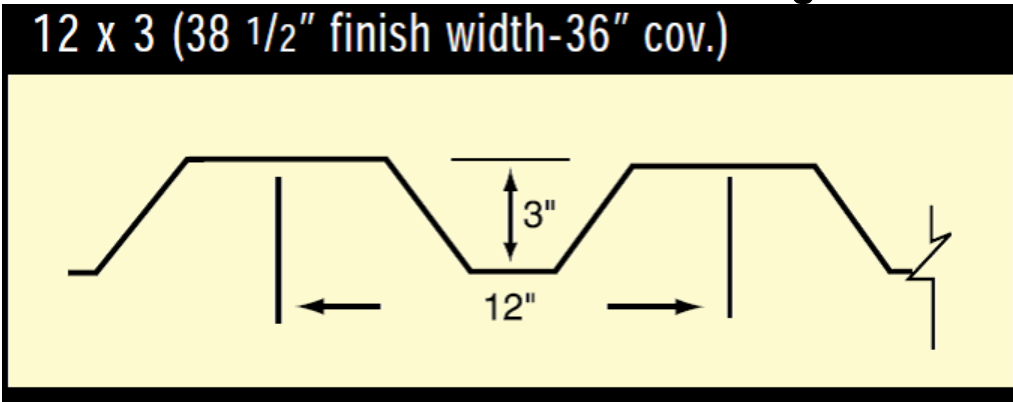


Fiberglass Reinforced Polymer Panels

12 x 3 (38 1/2" finish width-36" cov.)

Technical Data



12 x 3"
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		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Tred-Safe															
1440	10'-10"	14'-6"	13'-4"	9'-5"	12'-8"	11'-8"	8'-7"	11'-1"	10'-7"	8'-0"	8'-10"	9'-10"	7'-6"	7'-4"	8'-4"
1240	9'-9"	13'-1"	12'-1"	8'-6"	10'-1"	10'-6"	7'-9"	7'-7"	8'-7"	7'-2"	6'-1"	6'-11"	6'-9"	5'-1"	5'-9"
1040	9'-2"	12'-4"	11'-4"	8'-0"	8'-5"	9'-7"	7'-4"	6'-4"	7'-2"	6'-9"	5'-1"	5'-9"	6'-4"	4'-2"	4'-9"
840															
1230	8'-5"	11'-4"	10'-5"	7'-5"	8'-7"	9'-1"	6'-9"	6'-6"	7'-4"	6'-3"	5'-2"	5'-11"	5'-10"	4'-4"	4'-11"
1030	7'-11"	10'-8"	9'-10"	6'-11"	7'-2"	8'-2"	6'-4"	5'-5"	6'-1"	5'-10"	4'-4"	4'-11"	5'-6"	3'-7"	4'-1"
830															
RFM 17	12'-0"	14'-7"	14'-10"	10'-6"	11'-11"	12'-11"	9'-6"	10'-4"	11'-7"	8'-10"	9'-1"	10'-4"	8'-4"	7'-7"	8'-7"
RFM 14	11'-5"	13'-6"	14'-1"	10'-0"	10'-10"	12'-3"	9'-1"	8'-1"	9'-3"	8'-5"	6'-6"	7'-4"	7'-10"	5'-5"	6'-2"
RFM 11	10'-9"	10'-2"	11'-6"	9'-4"	6'-9"	7'-8"	8'-6"	5'-1"	5'-9"	7'-10"	4'-1"	4'-7"	7'-2"	3'-5"	3'-10"

ROOF LIVE LOADS (PSF)

	20			30			40			50			60		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Tred-Safe															
1440	9'-5"	12'-8"	11'-8"	8'-3"	11'-1"	10'-2"	7'-6"	9'-8"	9'-3"	6'-11"	8'-8"	8'-7"	6'-7"	7'-11"	8'-1"
1240	8'-6"	11'-5"	10'-6"	7'-5"	10'-0"	9'-2"	6'-9"	9'-1"	8'-4"	6'-3"	8'-4"	7'-9"	5'-11"	7'-7"	7'-4"
1040	8'-0"	10'-9"	9'-11"	7'-0"	9'-5"	8'-8"	6'-4"	8'-6"	7'-10"	5'-11"	7'-7"	7'-4"	5'-7"	6'-11"	6'-11"
840															
1230	7'-5"	9'-11"	9'-1"	6'-5"	8'-8"	8'-0"	5'-10"	7'-10"	7'-3"	5'-5"	7'-4"	6'-9"	5'-1"	6'-10"	6'-4"
1030	6'-11"	9'-4"	8'-7"	6'-1"	8'-2"	7'-6"	5'-6"	7'-5"	6'-10"	5'-1"	6'-10"	6'-4"	4'-10"	6'-5"	5'-11"
830															
RFM 17	10'-6"	12'-8"	12'-11"	9'-2"	10'-4"	11'-4"	8'-4"	8'-11"	10'-0"	7'-9"	8'-0"	8'-11"	7'-3"	7'-4"	8'-2"
RFM 14	10'-0"	11'-9"	12'-4"	8'-8"	9'-7"	10'-8"	7'-11"	8'-3"	9'-3"	7'-4"	7'-5"	8'-3"	6'-9"	6'-9"	7'-7"
RFM 11	9'-4"	10'-8"	11'-7"	8'-2"	8'-9"	9'-9"	7'-5"	7'-7"	8'-5"	6'-9"	6'-9"	7'-7"	6'-2"	6'-2"	6'-11"

DIMENSIONS

Standard
Finish Width 38.5"
Coverage Width 36"
Lengths 4' to 30'

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

N/A	16
1440 / 1430	14
1240 / 1230	12
1040 / 1030	10
N/A	8

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/60 for wind loads and L/90 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 2 fasteners with 3/4" 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.