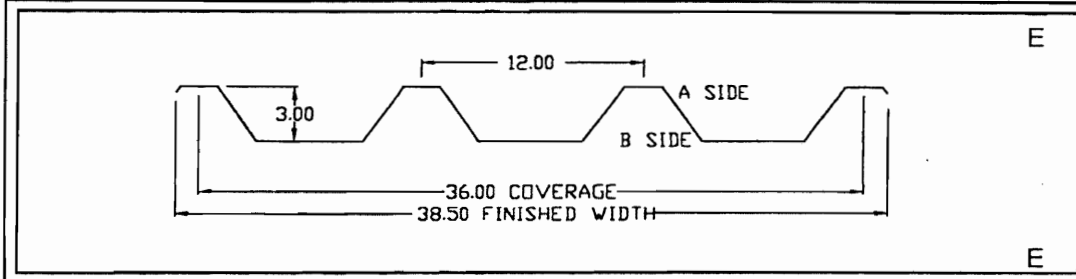




# Fiberglass Reinforced Polymer Panels

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## Technical Data



## 12 X 3" Load/Span Tables

(NON-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"
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"

### ROOFING 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"
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.)

1645 Tred-Safe..not available	
1440 thru 1040	14 thru 10
1430 thru 1030	14 thru 10
RFM 17	17
RFM 14	14
RFM 11	11

### ADDITIONAL INFORMATION

Consult Table of Contents for specific information regarding:

- FRP Panel Design
- Fire Resistance & Codes
- Corrosion & Weathering
- Color, Finish, & Light Transmission
- Fasteners & Accessories
- Product Descriptions
- FRP Panel Specifications
- Profile Selection Guide
- Flashing Details
- Installation, Storage, & Handling
- FRP Louvers, Ventilators, 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 two fasteners with 3/4" washers in every row.
  5. Other panel types, weights, glass reinforcements, resin types, lengths, fastening options, or special loading requirements may be available; please contact Resolite Customer Service Department for more information.
  6. All roof slopes are a minimum of 1:12. For slopes less than 1:12, contact Resolite Customer Service Dept.