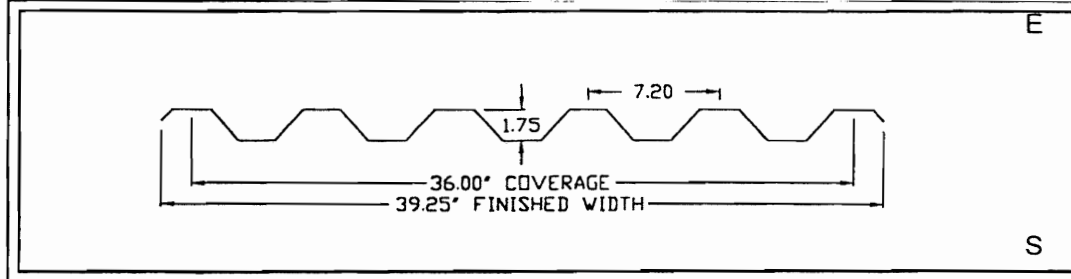




Fiberglass Reinforced Polymer Panels

285 Industrial Drive
 Moscow, TN 38057
 Ph: 888-737-6548
 Fax: 901-877-1388
 Email: sales@resolite.com

Technical Data



7.2D X 1.75" 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	11' 6"	14' 3"	14' 2"	10' 0"	11' 7"	12' 4"	9' 1"	10' 1"	11' 3"	8' 5"	8' 11"	10' 1"	7' 11"	7' 5"	8' 6"
1440	11' 0"	13' 5"	13' 7"	9' 8"	10' 11"	11' 11"	8' 9"	9' 6"	10' 7"	8' 1"	7' 11"	9' 0"	7' 8"	6' 7"	7' 6"
1240	9' 11"	12' 11"	12' 4"	8' 8"	9' 1"	10' 4"	7' 11"	6' 10"	7' 9"	7' 4"	5' 5"	6' 2"	6' 11"	4' 6"	5' 2"
1040	9' 4"	11' 4"	11' 7"	8' 2"	7' 7"	8' 7"	7' 5"	5' 8"	6' 5"	6' 11"	4' 6"	5' 2"	6' 6"	3' 9"	4' 4"
840															
1230	8' 7"	11' 7"	10' 8"	7' 6"	7' 9"	8' 10"	6' 10"	5' 10"	6' 7"	6' 4"	4' 8"	5' 3"	6' 0"	3' 11"	4' 5"
1030	8' 1"	9' 8"	10' 0"	7' 1"	6' 6"	7' 4"	6' 5"	4' 10"	5' 6"	6' 0"	3' 11"	4' 5"	5' 7"	3' 3"	3' 8"
RFM 17	12' 3"	12' 5"	13' 11"	10' 2"	10' 2"	11' 4"	8' 9"	8' 9"	9' 10"	7' 10"	7' 10"	8' 9"	7' 2"	6' 10"	7' 9"
RFM 14	11' 6"	11' 6"	12' 10"	9' 5"	9' 5"	10' 6"	8' 2"	7' 4"	8' 3"	7' 3"	5' 10"	6' 8"	6' 8"	4' 10"	5' 6"
RFM 11	10' 6"	9' 1"	10' 4"	8' 7"	6' 1"	6' 11"	7' 5"	4' 7"	5' 2"	6' 8"	3' 8"	4' 2"	6' 1"	3' 0"	3' 5"

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	8' 9"	11' 9"	10' 10"	7' 8"	10' 1"	9' 5"	6' 11"	8' 9"	8' 7"	6' 5"	7' 10"	8' 0"	6' 1"	7' 1"	7' 6"
1440	8' 5"	11' 3"	10' 5"	7' 4"	9' 6"	9' 1"	6' 8"	8' 3"	8' 3"	6' 2"	7' 4"	7' 8"	5' 10"	6' 9"	7' 2"
1240	7' 7"	10' 2"	9' 5"	6' 8"	8' 11"	8' 2"	6' 0"	7' 11"	7' 5"	5' 7"	7' 1"	6' 11"	5' 3"	6' 5"	6' 6"
1040	7' 2"	9' 7"	8' 10"	6' 3"	8' 4"	7' 9"	5' 8"	7' 2"	7' 0"	5' 3"	6' 5"	6' 6"	4' 11"	5' 11"	6' 1"
840															
1230	6' 7"	8' 10"	8' 1"	5' 9"	7' 8"	7' 1"	5' 3"	7' 0"	6' 5"	4' 10"	6' 6"	6' 0"	4' 7"	6' 1"	5' 8"
1030	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"
RFM 17	9' 4"	10' 9"	11' 6"	8' 2"	8' 9"	9' 10"	7' 5"	7' 7"	8' 6"	6' 10"	6' 10"	7' 7"	6' 2"	6' 2"	6' 11"
RFM 14	8' 10"	9' 11"	10' 11"	7' 9"	8' 2"	9' 1"	7' 0"	7' 0"	7' 10"	6' 4"	6' 4"	7' 0"	5' 9"	5' 9"	6' 5"
RFM 11	8' 4"	9' 1"	10' 2"	7' 4"	7' 5"	8' 4"	6' 5"	6' 5"	7' 2"	5' 9"	5' 9"	6' 5"	5' 3"	5' 3"	5' 10"

DIMENSIONS

Standard
 Finish Width 39.25"
 Coverage Width 36"
 Lengths..... 4' to 30'

Optional
 Finish Width 46.5"
 Coverage Width 43.2"

PANEL TYPES

NOMINAL WT. (OZ./SQ.FT.)

1645 Tred-Safe	16
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/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 3/4" (.729") washers in every row. Significant span increases may be achieved by utilizing fasteners with 1-1/8" washers.
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.