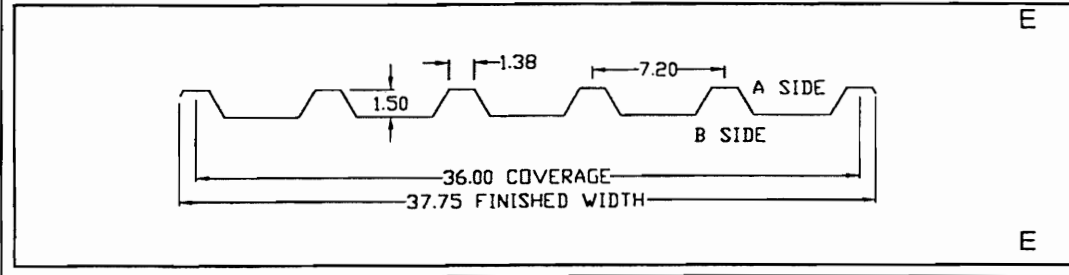




Fiberglass Reinforced Polymer Panels

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

Technical Data



7.2 BOX RIB 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	9' 10"	10' 11"	12' 1"	8' 7"	8' 11"	9' 11"	7' 9"	7' 9"	8' 7"	6' 11"	6' 11"	7' 9"	6' 4"	6' 3"	7' 0"
1240	8' 10"	10' 6"	10' 11"	7' 9"	8' 6"	9' 7"	7' 0"	6' 5"	7' 3"	6' 6"	5' 1"	5' 10"	6' 1"	4' 3"	4' 10"
1040	8' 4"	9' 7"	10' 4"	7' 3"	7' 1"	8' 1"	6' 7"	5' 4"	6' 1"	6' 1"	4' 3"	4' 10"	5' 6"	3' 7"	4' 0"
840	7' 9"	8' 6"	9' 7"	6' 9"	5' 8"	6' 6"	6' 1"	4' 3"	4' 10"	5' 5"	3' 5"	3' 11"	4' 11"	2' 10"	3' 3"
1230	7' 8"	10' 3"	9' 6"	6' 8"	7' 3"	8' 3"	6' 1"	5' 6"	6' 3"	5' 8"	4' 4"	5' 0"	5' 4"	3' 8"	4' 2"
830	6' 8"	7' 3"	8' 3"	5' 10"	4' 10"	5' 6"	5' 4"	3' 8"	4' 2"	4' 11"	2' 11"	3' 4"	4' 8"	2' 5"	2' 9"
RFM 17	10' 1"	10' 1"	11' 3"	8' 3"	8' 3"	9' 3"	7' 2"	7' 2"	8' 0"	6' 5"	6' 5"	7' 2"	5' 10"	5' 10"	6' 6"
RFM 14	9' 4"	9' 4"	10' 5"	7' 8"	7' 8"	8' 6"	6' 7"	6' 7"	7' 5"	5' 11"	5' 6"	6' 3"	5' 5"	4' 7"	5' 2"
RFM 11	8' 6"	8' 6"	9' 6"	7' 0"	5' 9"	6' 6"	6' 0"	4' 3"	4' 10"	5' 5"	3' 5"	3' 11"	4' 11"	2' 10"	3' 3"

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	7' 6"	9' 5"	9' 3"	6' 6"	7' 9"	8' 1"	5' 11"	6' 8"	7' 4"	5' 6"	6' 0"	6' 8"	5' 2"	5' 5"	6' 1"
1240	6' 9"	9' 1"	8' 4"	5' 11"	7' 5"	7' 3"	5' 4"	6' 5"	6' 7"	5' 0"	5' 9"	6' 2"	4' 8"	5' 3"	5' 9"
1040	6' 4"	8' 3"	7' 10"	5' 7"	6' 9"	6' 10"	5' 1"	5' 10"	6' 3"	4' 8"	5' 3"	5' 9"	4' 5"	4' 9"	5' 4"
840	5' 11"	7' 5"	7' 3"	5' 2"	6' 1"	6' 4"	4' 8"	5' 3"	5' 9"	4' 4"	4' 8"	5' 3"	4' 1"	4' 3"	4' 9"
1230	5' 10"	7' 10"	7' 3"	5' 1"	6' 10"	6' 4"	4' 8"	6' 3"	5' 9"	4' 4"	5' 9"	5' 4"	4' 1"	5' 3"	5' 0"
830	5' 1"	6' 10"	6' 4"	4' 6"	6' 0"	5' 6"	4' 1"	5' 3"	5' 0"	3' 9"	4' 8"	4' 8"	3' 7"	4' 4"	4' 5"
RFM 17	8' 4"	8' 9"	9' 9"	7' 2"	7' 2"	8' 0"	6' 2"	6' 2"	6' 11"	5' 6"	5' 6"	6' 2"	5' 1"	5' 1"	5' 8"
RFM 14	7' 11"	8' 1"	9' 1"	6' 7"	6' 7"	7' 5"	5' 9"	5' 9"	6' 5"	5' 1"	5' 1"	5' 9"	4' 8"	4' 8"	5' 3"
RFM 11	7' 5"	7' 5"	8' 3"	6' 0"	6' 0"	6' 9"	5' 3"	5' 3"	5' 10"	4' 8"	4' 8"	5' 3"	4' 3"	4' 3"	4' 9"

- NOTES:
- Load/Span limits are based on full scale panel tests representing actual field conditions.
 - Panel span/deflection ratios (L/D) shall be limited to L/20 for wind loads and L/45 for live loads.
 - Factors of safety shall be 1.88 for panels subjected to wind loads and 2.5 for panels subjected to live loads.
 - 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.
 - 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.
 - All roof slopes are a minimum of 1:12. For slopes less than 1:12, contact Resolite Customer Service Dept.

DIMENSIONS

Standard
 Finish Width 37.75"
 Coverage Width 36"
 Lengths..... 4' to 30'

Optional
 Finish Width 44.7"
 Coverage Width 43.2"

PANEL NOMINAL WEIGHT TYPES (OZ./SQ.FT.)

1645 Tred-Safe..not available	
1440	14
thru	thru
840.....	8
1230	12
thru	thru
830.....	8

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