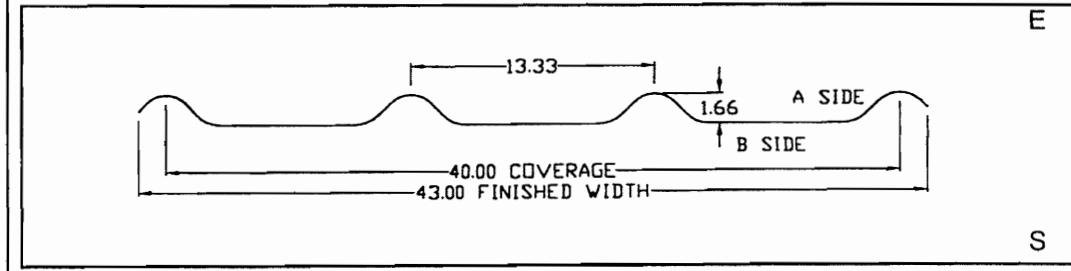




# Fiberglass Reinforced Polymer Panels

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

## Technical Data



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

- 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 two fasteners with 3/4" (.729") 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.

#### DIMENSIONS

**Standard**  
 Finish Width ..... 43"  
 Coverage Width ..... 40"  
 Lengths..... 4' to 30'

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

1645 Tred-Safe.. not available

1440 thru 840.....	14 thru 8
1230 thru 830.....	12 thru 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