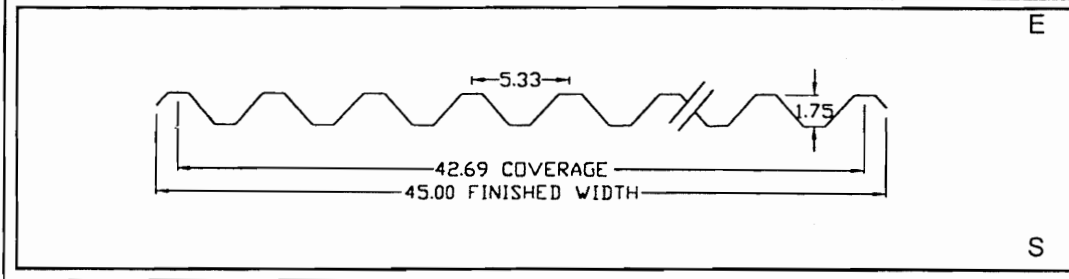




Fiberglass Reinforced Polymer Panels

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Technical Data



5.33 V-Beam 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															
1240															
1040															
840															
1230	7' 5"	9' 11"	9' 1"	6' 5"	8' 4"	7' 11"	5' 10"	7' 0"	7' 3"	5' 5"	5' 7"	6' 4"	5' 1"	4' 8"	5' 4"
1030	6' 11"	9' 4"	8' 7"	6' 1"	7' 7"	7' 6"	5' 6"	5' 10"	6' 7"	5' 1"	4' 8"	5' 4"	4' 10"	3' 11"	4' 5"
830	6' 5"	8' 4"	7' 11"	5' 8"	6' 3"	6' 11"	5' 1"	4' 8"	5' 4"	4' 9"	3' 9"	4' 3"	4' 6"	3' 1"	3' 6"
RFM 17															
RFM 14															
RFM 11															

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															
1240															
1040															
840															
1230	5' 8"	7' 7"	6' 11"	4' 11"	6' 7"	6' 1"	4' 6"	6' 0"	5' 6"	4' 2"	5' 7"	5' 1"	3' 11"	5' 1"	4' 10"
1030	5' 4"	7' 1"	6' 7"	4' 8"	6' 2"	5' 9"	4' 2"	5' 8"	5' 2"	3' 11"	5' 1"	4' 10"	3' 8"	4' 8"	4' 6"
830	4' 11"	6' 7"	6' 1"	4' 4"	5' 9"	5' 4"	3' 11"	5' 1"	4' 10"	3' 7"	4' 7"	4' 6"	3' 5"	4' 2"	4' 3"
RFM 17															
RFM 14															
RFM 11															

- 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 low.
 - 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 45"
 Coverage Width42.69"
 Lengths..... 4' to 30'

PANEL TYPES

NOMINAL WEIGHT (OZ./SQ.FT.)

1645 Tred-Safe...not available

1240 thru 840 ...not available

1230 thru 830..... 12 thru 8

RFM 17.....not available

RFM 14.....not available

RFM 11.....not available

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