



PACKAGING DETAILS REFERENCE GUIDE

Overview

The information contained in this section is intended to provide basic packaging information for the InsulFoam brand roof insulation products and general shipping policies.

For local or regional policy exceptions, please contact your local Insulfoam representative.

Note: The terms “units” and “bundles” can be used interchangeably.

Minimum Orders

The minimum material value of any InsulFoam order is \$500.00.

General Policies

- Except as noted below, all products are sold in full unit (bundle) quantities as shown in the proceeding pages of this section.
- Fuel surcharges may apply.

Insulfoam will provide less than full unit/bundle quantities for individual board sizes for:

- Tapered/cricket orders of 4,000 board feet or more, shipped to a single location.

Pick-Up, Will-Call & Delivered Orders

Contact your local Insulfoam sales representative for policies applicable to the Insulfoam plant serving your area.

Packaging & Handling

Unless otherwise indicated, all products are packaged with stretch-wrap films*. The ends of most units are not wrapped, and, if stored outside, should be protected from the elements.

If stored outside, the material should be protected from the elements. Please contact your local Insulfoam rep for additional storage and handling suggestions.

*Packaging and shipping quantities may vary.

Typical Truckload Quantities

Flat Beds (48 ft.)

Flat/Tapered InsulFoam Insulation

- Units or bundles are nominally 48" high.
- 24 units or bundles per truck
- Approx. 37,000 board feet per truck

R-Tech – 4' x 8' bundles

- R-Tech units are nominally 24" high.
- 48 bundles per truck
- Approx. 37,000 board feet per flat bed

R-Tech Fanfold

- 3/8" Fanfold – 20 units/pallet, 26 pallets/truck, 960 squares/flat bed
- 1/2" Fanfold – 16 units/pallet, 26 pallets/truck, 768 squares/flat bed
- 3/4" Fanfold – 10 units/pallet, 26 pallets/truck, 480 squares/flat bed

Vans (53 ft.)

Flat/Tapered Insulation

- Units or bundles are nominally 48" high.
- 26 – 4' x 8' units or bundles per van
- 52 – 4' x 4' units or bundles per van
- Approx. 40,000 board feet per van

R-Tech – 4' x 8' bundles

- R-Tech units are nominally 24" high.
- 52 bundles per van
- Approx. 40,000 board feet per van

R-Tech Fanfold

- 3/8" Fanfold – 20 units/pallet, 26 pallets/truck, 1,040 squares/van
- 1/2" Fanfold – 16 units/pallet, 26 pallets/truck, 832 squares/van
- 3/4" Fanfold – 10 units/pallet, 26 pallets/truck, 520 squares/van

InsulFoam Flat Stock

4' x 4' Panels					
Thickness (inches)	Width (feet)	Length (feet)	BFT per Piece	Pieces per Bundle	BFT per Bundle
½	4	4	8	96	768
¾	4	4	12	64	768
1	4	4	16	48	768
1½	4	4	24	32	768
2	4	4	32	24	768
2½	4	4	40	19	760
3	4	4	48	16	768
3½	4	4	56	13	728
4	4	4	64	12	768
4½	4	4	72	10	720
5	4	4	80	9	720
5½	4	4	88	8	704
6	4	4	96	8	768
6½	4	4	104	7	728
7	4	4	112	6	672
7½	4	4	120	6	720
8	4	4	128	6	768
8½	4	4	136	5	680
9	4	4	144	5	720

4' x 8' Panels					
Thickness (inches)	Width (feet)	Length (feet)	BFT per Piece	Pieces per Bundle	BFT per Bundle
½	4	8	16	96	1536
¾	4	8	24	64	1536
1	4	8	32	48	1536
1½	4	8	48	32	1536
2	4	8	64	24	1536
2½	4	8	80	19	1520
3	4	8	96	16	1536
3½	4	8	112	13	1456
4	4	8	128	12	1536
4½	4	8	144	10	1440
5	4	8	160	9	1440
5½	4	8	176	8	1408
6	4	8	192	8	1536
6½	4	8	208	7	1456
7	4	8	224	6	1344
7½	4	8	240	6	1440
8	4	8	256	6	1536
8½	4	8	272	5	1360
9	4	8	288	5	1440

Note: Roofing Flat Stock units (bundles) are nominally 48 inches high.

R-Tech Fanfold Roof Underlayment

2 Square Bundle (4' x 50') – Board feet (BFT)					
Thickness (inches)	Width (feet)	Length (feet)	BFT per Bundle	Pieces per Pallet	BFT per Pallet
¾	4	50	75	20	1200
½	4	50	100	16	1200
¾	4	50	150	10	1200

2 Square Bundle (4' x 50') – SQFT					
Thickness (inches)	Width (feet)	Length (feet)	SQFT per Piece	Pieces per Pallet	SQFT per Bundle
¾	4	50	200	20	3200
½	4	50	200	16	2400
¾	4	50	200	10	1600

R-Tech - 4' x 8' Panels

4' x 8' Panels							
Thickness (inches)	Width (feet)	Length (feet)	BFT per Piece	SQFT per Piece	Pieces per Bundle	BFT per Bundle	SQFT per Bundle
½	4	8	16	32	48	768	1536
¾	4	8	24	32	32	768	1024
1	4	8	32	32	24	768	768
1½	4	8	48	32	16	768	512
2	4	8	64	32	12	768	384
2½	4	8	80	32	10	800	320
3	4	8	96	32	8	768	256
3½	4	8	112	32	7	784	224
4	4	8	128	32	6	768	192

Tapered A, C and E Panels

A Panels – 1/8" per foot

Panel Designation	From (inches)	To (inches)	Average Thickness (inches)
A1	0*	1/2	1/4
A2	1/2	1	3/4
A3	1	1 1/2	1 1/4
A4	1 1/2	2	1 3/4
A5	2	2 1/2	2 1/4
A6	2 1/2	3	2 3/4
A7	3	3 1/2	3 1/4
A8	3 1/2	4	3 3/4
A9	4	4 1/2	4 1/4
A10	4 1/2	5	4 3/4
A11	5	5 1/2	5 1/4
A12	5 1/2	6	5 3/4

* Zero (0) dimensions are a nominal 1/8" actual.

4' x 4' Panels				
Width (feet)	Length (feet)	BFT per Piece	Pieces per Bundle	BFT per Bundle
4	4	5	154	770
4	4	12	64	768
4	4	20	38	760
4	4	28	26	728
4	4	36	20	720
4	4	44	16	704
4	4	52	14	728
4	4	60	12	720
4	4	68	10	680
4	4	76	10	760
4	4	84	8	672
4	4	92	8	736

4' x 8' Panels				
Width (feet)	Length (feet)	BFT per Piece	Pieces per Bundle	BFT per Bundle
4	8	10	154	1,540
4	8	24	64	1,536
4	8	40	38	1,520
4	8	56	26	1,456
4	8	72	20	1,440
4	8	88	16	1,408
4	8	104	14	1,456
4	8	120	12	1,440
4	8	136	10	1,360
4	8	152	10	1,520
4	8	168	8	1,344
4	8	184	8	1,472

C Panels – 1/4" per foot

Panel Designation	From (inches)	To (inches)	Average Thickness (inches)
C1	0*	1	1/2
C2	1	2	1 1/2
C3	2	3	2 1/2
C4	3	4	3 1/2
C5	4	5	4 1/2
C6	5	6	5 1/2
C7	6	7	6 1/2
C8	7	8	7 1/2
C9	8	9	8 1/2
C10	9	10	9 1/2
C11	10	11	10 1/2
C12	11	12	11 1/2

* Zero (0) dimensions are a nominal 1/8" actual.

4' x 4' Panels				
Width (feet)	Length (feet)	BFT per Piece	Pieces per Bundle	BFT per Bundle
4	4	9	84	756
4	4	24	32	768
4	4	40	18	720
4	4	56	12	672
4	4	72	10	720
4	4	88	8	704
4	4	104	6	624
4	4	120	6	720
4	4	136	4	544
4	4	152	4	608
4	4	168	4	672
4	4	184	4	736

4' x 8' Panels				
Width (feet)	Length (feet)	BFT per Piece	Pieces per Bundle	BFT per Bundle
4	8	18	84	1,512
4	8	48	32	1,536
4	8	80	18	1,440
4	8	112	12	1,344
4	8	144	10	1,440
4	8	176	8	1,408
4	8	208	6	1,248
4	8	240	6	1,440
4	8	272	4	1,088
4	8	304	4	1,216
4	8	336	4	1,344
4	8	368	4	1,472

E Panels – 1/2" per foot

Panel Designation	From (inches)	To (inches)	Average Thickness (inches)
E1	0*	2	1
E2	2	4	3
E3	4	6	5
E4	6	8	7
E5	8	10	9
E6	10	12	11
E7	12	14	13
E8	14	16	15
E9	16	18	17
E10	18	20	19
E11	20	22	21
E12	22	24	23

* Zero (0) dimensions are a nominal 1/8" actual.

4' x 4' Panels				
Width (feet)	Length (feet)	BFT per Piece	Pieces per Bundle	BFT per Bundle
4	4	17	44	748
4	4	48	16	768
4	4	80	8	640
4	4	112	6	672
4	4	144	4	576
4	4	176	4	704
4	4	208	2	416
4	4	240	2	480
4	4	272	2	544
4	4	304	2	608
4	4	336	2	672
4	4	368	2	736

4' x 8' Panels				
Width (feet)	Length (feet)	BFT per Piece	Pieces per Bundle	BFT per Bundle
4	8	34	44	1,496
4	8	96	16	1,536
4	8	160	8	1,280
4	8	224	6	1,344
4	8	288	4	1,152
4	8	352	4	1,408
4	8	416	2	832
4	8	480	2	960
4	8	544	2	1,088
4	8	608	2	1,216
4	8	672	2	1,344
4	8	736	2	1,472

EPS Weight Guide

Weight per SF in lbs						
	InsulFoam I 10 PSI	InsulFoam VIII 15 psi	InsulFoam II 20 psi	InsulFoam IX 25 psi	InsulFoam XIV 40 psi	InsulFoam XV 60 psi
Nominal Density (pcf)	1.0	1.25	1.5	2.0	2.5	3.0
Thickness in inches						
0.25	0.02	0.03	0.03	0.04	0.05	0.06
0.5	0.04	0.05	0.06	0.08	0.10	0.13
0.75	0.06	0.08	0.09	0.13	0.16	0.19
1	0.08	0.10	0.13	0.17	0.21	0.25
1.25	0.10	0.13	0.16	0.21	0.26	0.31
1.5	0.13	0.16	0.19	0.25	0.31	0.38
1.75	0.15	0.18	0.22	0.29	0.36	0.44
2	0.17	0.21	0.25	0.33	0.42	0.50
2.25	0.19	0.23	0.28	0.38	0.47	0.56
2.5	0.21	0.26	0.31	0.42	0.52	0.63
2.75	0.23	0.29	0.34	0.46	0.57	0.69
3	0.25	0.31	0.38	0.50	0.63	0.75
3.25	0.27	0.34	0.41	0.54	0.68	0.81
3.5	0.29	0.36	0.44	0.58	0.73	0.88
3.75	0.31	0.39	0.47	0.63	0.78	0.94
4	0.33	0.42	0.50	0.67	0.83	1.00
4.25	0.35	0.44	0.53	0.71	0.89	1.06
4.5	0.38	0.47	0.56	0.75	0.94	1.13
4.75	0.40	0.49	0.59	0.79	0.99	1.19
5	0.42	0.52	0.63	0.83	1.04	1.25
5.25	0.44	0.55	0.66	0.88	1.09	1.31
5.5	0.46	0.57	0.69	0.92	1.15	1.38
5.75	0.48	0.60	0.72	0.96	1.20	1.44
6	0.50	0.63	0.75	1.00	1.25	1.50
6.25	0.52	0.65	0.78	1.04	1.30	1.56
6.5	0.54	0.68	0.81	1.08	1.35	1.63
6.75	0.56	0.70	0.84	1.13	1.41	1.69
7	0.58	0.73	0.88	1.17	1.46	1.75
7.25	0.60	0.76	0.91	1.21	1.51	1.81
7.5	0.63	0.78	0.94	1.25	1.56	1.88
7.75	0.65	0.81	0.97	1.29	1.61	1.94
8	0.67	0.83	1.00	1.33	1.67	2.00
8.25	0.69	0.86	1.03	1.38	1.72	2.06
8.5	0.71	0.89	1.06	1.42	1.77	2.13
8.75	0.73	0.91	1.09	1.46	1.82	2.19
9	0.75	0.94	1.13	1.50	1.88	2.25
9.25	0.77	0.96	1.16	1.54	1.93	2.31
9.5	0.79	0.99	1.19	1.58	1.98	2.38
9.75	0.81	1.02	1.22	1.63	2.03	2.44
10	0.83	1.04	1.25	1.67	2.08	2.50