



GUARDIAN
BUILDING PRODUCTS
FIBERGLASS INSULATION



Fiberglass Insulation Product Specifications

SHIPMENT INFORMATION

Regular Freight Terms: Prepaid 1/4 Truck Minimum
Minimum Order: 1/4 Truckload
Vendor Contact Phone Number: 1-800-748-0035
Toll Free Number: 1-800-748-0437



MEETING AND EXCEEDING THE TOUGHEST INDOOR AIR QUALITY STANDARDS



Guardian Fiberglass – for your health

Indoor air quality is a growing concern with today's tighter construction practices for

homes and buildings. Most people spend about 90% of their time indoors where, according to the U.S. EPA, "thousands of chemicals and biological pollutants are found", thus negatively affecting our health.

That is why Guardian Fiberglass has made a point to achieve the highest possible product certification – **Greenguard Certification™**.

Greenguard Certified Products™ can reduce indoor air contaminants and promote a better indoor environment.

What is the Greenguard Certification Program™?

The Greenguard Certification program was founded in 1999 to establish a true third party certification based on proven emissions criteria used by U.S. EPA, the State of Washington, the U.S. Green Building Council's LEED program, OSHA, and the World Health Organization.

Testing & Passing

Greenguard Certified Products must pass rigorous emissions testing for certification. Critical components (such as volatile organic compounds (VOC), formaldehyde, and other product specific components) are monitored quarterly. All products are fully retested each year. This ensures that products, such as Guardian Fiberglass loose-fill and batt insulation, continue to meet the Greenguard Certification Program's established emission standards.

How can you identify if a product has been Greenguard Certified?

Look for the Greenguard Indoor Air Quality Certified® Mark, prominently displayed on all Guardian Fiberglass packaging. You can be confident that you are insulating your home with the best fiberglass available and that you are choosing the most effective means of creating a quality home environment.

GREENGUARD Environmental Institute™ is a independent, nonprofit organization that oversees the GREENGUARD Certification Program™, that includes the establishment of acceptable standards for indoor products and testing protocols. The Institute's goal is to improve public health and quality of life by helping manufacturers make better and safer products.



ENERGY STAR® products are the same or better than standard products, only they use less energy. To earn the ENERGY STAR, they must meet strict energy efficiency criteria set by the US Environmental Protection Agency or the US Department of Energy. Since they use less energy, these products save you money on your electricity bill and help protect the environment by producing fewer harmful emissions. And you get the features and quality you expect.



The U.S. Green Building Council's LEED (Leadership in Energy and Environmental Design) Green Building Rating System is a voluntary standards and certification program that defines high-performance green buildings -- which are more environmentally responsible, healthier, and more profitable structures.

RESIDENTIAL PRODUCT LINE - BATTS

PRE-CUT BATTS UNFACED								
R-VALUE	THICKNESS	WIDTH x LENGTH	BATTS	# PCS/BAG	# BAGS/MSTR. PK.	SF/PKG.	PRODUCT CODE	UPC CODE
R-11	3 1/2"	15" x 93" 23" x 94"	BATTS	20	9	193.75	GR3	7 35276 16059 1
			BATTS	18	6	270.25	GR6	7 35276 16089 8
R-13	3 5/8"	15" x 48" 15" x 93" 23" x 94"	BATTS	32	9	160.00	GR10	7 35276 16020 1
			BATTS	16	9	155.00	GR11	7 35276 16033 1
			BATTS	16	6	240.22	GR15	7 35276 16044 7
R-15*	3 5/8"	15" x 47" 15" x 94" 23" x 47"	BATTS	18	9	88.12	GR706	7 35276 16108 6
			BATTS	9	9	88.12	GR742	7 35276 16418 6
			BATTS	18	6	135.12	GR707	7 35276 16109 3
R-19	6 1/4"	15" x 48" 15" x 93" 23" x 48" 23" x 94"	BATTS	20	9	100.00	GR110	7 35276 16034 8
			BATTS	10	9	96.87	GR303	7 35276 24543 4
			BATTS	20	6	153.33	GR111	7 35276 16035 5
			BATTS	10	6	150.14	GR105	7 35276 16027 0
R-21*	5 1/2"	15" x 47" 23" x 47"	BATTS	12	9	58.75	GR736	7 35276 16380 6
			BATTS	12	6	90.08	GR737	7 35276 16379 0
R-22	7 1/2"	15" x 94" 23" x 48"	BATTS	8	9	78.33	GR77	7 35276 16138 3
			BATTS	16	6	122.67	GR78	7 35276 16139 0
R-25	8 1/2"	24" x 48"	BATTS	14	6	112.00	GR115	7 35276 16039 3
R-30*	8 1/4"	15" x 48" 23" x 48"	BATTS	12	9	60.00	GR703	7 35276 16105 5
			BATTS	12	6	92.00	GR702	7 35276 16104 8
R-30	9 1/2"	16" x 48" 24" x 48"	BATTS	10	12	53.33	GR106	7 35276 16028 7
			BATTS	10	8	80.00	GR107	7 35276 16029 4
R-38*	10 1/2"	15" x 48" 23" x 48"	BATTS	8	9	40.00	GR715	7 35276 16118 5
			BATTS	8	6	61.33	GR716	7 35276 16119 2
R-38	12"	16" x 48" 24" x 48"	BATTS	8	12	42.67	GR223	7 35276 16303 5
			BATTS	8	8	64.00	GR224	7 35276 16304 2

PRE-CUT BATTS - KRAFT FACED								
R-11	3 1/2"	15" x 93" 23" x 94"	BATTS	20	9	193.75	GR28	7 35276 16057 7
			BATTS	18	6	270.25	GR31	7 35276 16061 4
R-13	3 5/8"	15" x 48" 15" x 93" 23" x 48" 23" x 94"	BATTS	32	9	160.00	GR34	7 35276 16067 6
			BATTS	16	9	155.00	GR35	7 35276 16068 3
			BATTS	32	6	245.33	GR38	7 35276 16071 3
			BATTS	16	6	240.22	GR39	7 35276 16072 0
R-15*	3 5/8"	15" x 47" 15" x 94"	BATTS	18	9	88.12	GR708	7 35276 16110 9
			BATTS	9	9	88.12	GR743	7 35276 16421 6
R-19	6 1/2"	15" x 48" 15" x 93" 23" x 48" 23" x 94"	BATTS	20	9	100.00	GR102	7 35276 16024 9
			BATTS	10	9	96.87	GR173	7 35276 24544 1
			BATTS	20	6	153.33	GR112	7 35276 16036 2
			BATTS	10	6	150.14	GR109	7 35276 16032 4
R-21*	5 1/2"	15" x 47" 23" x 47"	BATTS	12	9	58.75	GR738	7 35276 16376 9
			BATTS	12	6	90.08	GR739	7 35276 16377 6
R-22	7 1/2"	15" x 48" 15" x 94" 23" x 48"	BATTS	16	9	80.00	GR86	7 35276 16145 1
			BATTS	8	9	78.33	GR87	7 35276 16146 8
			BATTS	16	6	122.67	GR88	7 35276 16147 5
R-30*	8 1/4"	15" x 48" 23" x 48"	BATTS	12	9	60.00	GR700	7 35276 16102 4
			BATTS	12	6	92.00	GR701	7 35276 16103 1
R-30	9 1/2"	16" x 48" 24" x 48"	BATTS	10	12	53.33	GR56	7 35276 16088 1
			BATTS	10	8	80.00	GR108	7 35276 16031 7
R-38	10 1/2"	15" x 48" 23" x 48"	BATTS	8	9	40.00	GR717	7 35276 16120 8
			BATTS	8	6	61.33	GR718	7 35276 16121 5
R-38	12"	16" x 48" 24" x 48"	BATTS	8	12	42.67	GR446	7 35276 16301 1
			BATTS	8	8	64.00	GR447	7 35276 16302 8

*R-BEST® HIGH DENSITY PRODUCT

RESIDENTIAL PRODUCT LINE - BATTS

PRE-CUT BATTS - FOIL FACED								
R-VALUE	THICKNESS	WIDTH x LENGTH	BATTS	# PCS/BAG	# BAGS/MSTR. PK.	SF/PKG.	PRODUCT CODE	UPC CODE
R-11	3 1/2"	15" x 93"	BATTS	20	9	193.75	GRF503	7 35276 16188 8
R-13	3 5/8"	15" x 94"	BATTS	16	9	156.67	GRF510	7 35276 16193 2
R-15*	3 5/8"	15" x 47"	BATTS	18	9	88.12	GR713	7 35276 16116 1
R-19	6 1/2"	15" x 94" 23" x 94"	BATTS BATTS	10 10	9 6	97.92 150.14	GRF532 GRF534	7 35276 16208 3 7 35276 16210 6
R-30	9 1/2"	16" x 48" 24" x 48"	BATTS BATTS	10 10	12 8	53.33 80.00	GRF529 GRF530	7 35276 16205 2 7 35276 16206 9
R-38*	10 1/2"	23" x 48"	BATTS	8	6	61.33	GR720	7 35276 16124 6
R-38	12"	16" x 48" 24" x 48"	BATTS BATTS	8 8	12 8	42.67 64.00	GRF537 GRF538	7 35276 16305 9 7 35276 16306 6

PRO-CUT BATTS®

PRO-CUT® BATTS - UNFACED								
R-11	3 1/2"	15" x 94" 23" x 94"	PRO-CUT® BATTS PRO-CUT® BATTS	9 9	18 10	88.12 135.12	GR116 GR117	7 35276 16158 1 7 35276 16156 7
R-13	3 5/8"	15" x 94"	PRO-CUT® BATTS	9	18	88.12	GR120	7 35276 16151 2
R-19	6 1/4"	15" x 94" 23" x 94"	PRO-CUT® BATTS PRO-CUT® BATTS	5 5	18 10	48.96 75.07	GR122 GR124	7 35276 16153 6 7 35276 16155 0

PRO-CUT® BATTS - KRAFT FACED								
R-11	3 1/2"	15" x 94" 23" x 94"	PRO-CUT® BATTS PRO-CUT® BATTS	9 9	18 10	88.12 135.12	GR114 GR215	7 35276 16038 6 7 35276 16157 4
R-13	3 5/8"	15" x 94" 23" x 94"	PRO-CUT® BATTS PRO-CUT® BATTS	9 8	18 10	88.12 120.11	GR119 GR125	7 35276 16150 5 7 35276 16451 3
R-19	6 1/2"	15" x 94" 23" x 94"	PRO-CUT® BATTS PRO-CUT® BATTS	5 5	18 10	48.96 75.07	GR121 GR123	7 35276 16152 9 7 35276 16154 3

PRO-CUT® BATTS - FOIL FACED								
R-11	3 1/2"	15" x 94"	PRO-CUT® BATTS	9	18	88.12	GRF112	7 35276 16214 4

STAPLE OPTIONAL™ WALL BATTS

KRAFT FACED								
R-13	3 5/8"	15 1/4" x 93" 15 1/4" x 105"	BATTS BATTS	16 16	9 9	157.58 177.90	GR57 GR58	7 35276 25751 2 7 35276 25764 2

*R-BEST® HIGH DENSITY PRODUCT

RESIDENTIAL PRODUCT LINE - ROLLS

POLY ROLLS - UNFACED

R-VALUE	THICK	WIDTH/LENGTH	ROLLS	# PCS/BAG	# BAGS/MSTR. PK.	SF/PKG.	PRODUCT CODE	UPC CODE
R-11	3 1/2"	15" x 40'	POLY ROLL (MINI)	1	27	50.00	GU405	7 35276 18035 3
		15" x 70' 6"	POLY ROLL	1	12	88.12	GU150	7 35276 18004 9
		23" x 70' 6"	POLY ROLL	1	8	135.12	GU151	7 35276 18005 6
R-13	3 5/8"	15" x 62' 8"	POLY ROLL	1	12	78.33	GU152	7 35276 18006 3
		23" x 62' 8"	POLY ROLL	1	8	120.11	GU153	7 35276 18007 0
R-19	6 1/4"	12" x 39' 2"	POLY ROLL	2	8	78.31	GU312	7 35276 18025 4
		15" x 24'	POLY ROLL (MINI)	1	27	30.00	GU401	7 35276 18031 5
		15" x 39' 2"	POLY ROLL	1	12	48.96	GU154	7 35276 18008 7
		23" x 39' 2"	POLY ROLL	1	8	75.07	GU155	7 35276 18009 4
R-25	8 1/2"	15" x 17' 6"	POLY ROLL (MINI)	1	27	22.00	GU467	7 35276 18047 6
		15" x 25'	POLY ROLL	1	12	31.25	GU167	7 35276 18019 3
		23" x 25'	POLY ROLL	1	8	47.92	GU168	7 35276 18020 9
		23" x 17' 6"	POLY ROLL (MINI)	1	18	33.00	GU468	7 35276 18048 3

POLY ROLLS - KRAFT FACED

R-11	3 1/2"	15" x 40'	POLY ROLL (MINI)	1	27	50.00	GU400	7 35276 18030 8
		15" x 70' 6"	POLY ROLL	1	12	88.12	GU156	7 35276 18010 0
		15" x 80'	PLUS PAC ROLL	1	12	100.00	GU444	7 35276 18045 2
		23" x 70' 6"	POLY ROLL	1	8	135.12	GU157	7 35276 18011 7
R-13	3 5/8"	15" x 32'	POLY ROLL (MINI)	1	27	40.00	GU413	7 35276 18043 8
		15" x 62' 8"	POLY ROLL	1	12	78.33	GU158	7 35276 18012 4
		23" x 62' 8"	POLY ROLL	1	8	120.11	GU159	7 35276 18013 1
R-19	6 1/2"	15" x 24'	POLY ROLL (MINI)	1	27	30.00	GU404	7 35276 18034 6
		15" x 39' 2"	POLY ROLL	1	12	48.96	GU160	7 35276 18014 8
		23" x 24'	POLY ROLL (MINI)	1	18	46.00	GU406	7 35276 18036 0
		23" x 39' 2"	POLY ROLL	1	8	75.07	GU161	7 35276 18015 5
R-25	8 1/2"	15" x 25'	POLY ROLL	1	12	31.25	GU169	7 35276 18021 6
		23" x 25'	POLY ROLL	1	8	47.92	GU170	7 35276 18022 3

POLY ROLLS - FOIL FACED

R-11	3 1/2"	15" x 40'	POLY ROLL (MINI)	1	27	50.00	GUF500	7 35276 18061 2
		15" x 70' 6"	POLY ROLL	1	12	88.12	GUF250	7 35276 18051 3
		23" x 70' 6"	POLY ROLL	1	8	135.12	GUF251	7 35276 18052 0
R-13	6 5/8"	15" x 62' 8"	POLY ROLL	1	12	78.33	GUF252	7 35276 18053 7
R-19	6 1/2"	15" x 39' 2"	POLY ROLL	1	12	48.96	GUF254	7 53276 18055 1
		23" x 39' 2"	POLY ROLL	1	8	75.07	GUF255	7 53276 18056 8
R-25	8 1/2"	15" x 25'	POLY ROLL	1	12	31.25	GUF267	7 35276 18057 5

SILL SEALER

SILL SEALER

	SIZE OF PCS	# PCS / PKG	SF / PKG	PRODUCT CODE	UPC CODE
1"	3 1/2" x 43'	7	87.50	GR91	7 35276 16230 4
1"	6" x 75'	4	150.00	GR92	7 35276 16231 1

SPECIAL ORDER PRODUCT LINE - BATTS

SPECIAL ORDER BATTS - UNFACED

R-VALUE	THICKNESS	WIDTH x LENGTH	BATTS/ROLLS	# PCS/BAG	# BAGS/MSTR. PK.	SF/PKG.	PRODUCT CODE	UPC CODE
R-11	3 1/2"	15" x 105" 18" x 94"	BATTS	20	9	218.75	GRN83	7 35276 16335 6
			BATTS	20	6	235.00	GRN95	7 35276 16347 9
R-13	3 5/8"	15" x 105" 12" x 94"	BATTS	16	9	175.00	GRN183	7 35276 16422 3
			BATTS	32	6	250.67	GRN101	7 35276 16221 2
R-19	6 1/4"	19" x 94" 15" x 105"	BATTS	10	6	124.00	GRN195	7 35276 24485 7
			BATTS	10	9	109.40	GRN155	7 35276 16268 7
R-21*	5 1/2"	15" x 94" 23" x 94"	BATTS	6	9	58.75	GRN166	7 35276 16358 5
			BATTS	6	6	90.08	GRN165	7 35276 16357 8
R-30	9 1/2"	19" x 48"	BATTS	10	8	63.33	GRN141	7 35276 16256 4

SPECIAL ORDER BATTS - KRAFT FACED

R-11	3 1/2"	15" x 105"	BATTS	20	9	218.75	GRN87	7 35276 16339 4
R-13	3 5/8"	15" x 105"	BATTS	16	9	175.00	GRN176	7 35276 16363 9
R-19	6 1/2"	12" x 48" 15" x 105" 19" x 48"	BATTS	32	6	128.00	GR751	7 35276 24138 2
			BATTS	10	9	109.30	GRN186	7 35276 24098 9
			BATTS	20	6	126.67	GRN122	7 35276 16244 1
R-21*	5 1/2"	15" x 94" 23" x 94"	BATTS	6	9	58.75	GRN168	7 35276 16366 0
			BATTS	6	6	90.08	GRN170	7 35276 16368 4
R-30	9 1/2"	12" x 48" 19" x 48"	BATTS	20	8	80.00	GRN69	7 35276 16321 9
			BATTS	10	8	63.33	GR37	7 35276 16070 6
R-38	12"	11" x 48" 19" x 48"	BATTS	12	8	44.00	GR44	7 35276 16077 5
			BATTS	8	8	50.67	GRN194	7 35276 24385 0

SPECIAL ORDER PRODUCT LINE - ROLLS

SPECIAL ORDER POLY ROLLS - UNFACED

R-11	3 1/2"	12" x 70' 6"	POLY ROLL	2	8	141.00	GRN29	7 35276 16282 3
R-13	3 5/8"	12" x 62' 8"	POLY ROLL	2	8	125.30	GRN140	7 35276 16255 7
R-19	6 1/2"	12" x 39' 2" 19" x 39' 2"	POLY ROLL	2	8	78.31	GU312	7 35276 18025 4
			POLY ROLL	1	8	62.01	GRN12	7 35276 16241 0

SPECIAL ORDER POLY ROLLS - KRAFT FACED

R-11	3 1/2"	11" x 70' 6"	POLY ROLL	2	8	129.26	GRN40	7 35276 16291 5
		12" x 70' 6"	POLY ROLL	2	8	141.00	GRN41	7 35276 16292 2
		19 1/2" x 70' 6"	POLY ROLL	1	8	114.56	GU147	7 35276 18003 2
R-13	3 5/8"	11" x 62' 8" 19" x 62' 8"	POLY ROLL	2	8	114.80	GRN78	7 35276 16330 1
			POLY ROLL	1	8	99.20	GU173	7 35276 24091 0
R-19	6 1/2"	11" x 39' 2" 12" x 39' 2" 19" x 39' 2"	POLY ROLL	2	8	71.80	GU171	7 35276 18023 0
			POLY ROLL	2	8	78.33	GRN64	7 35276 16316 5
			POLY ROLL	1	8	62.07	GRN68	7 35276 16320 2

*R-BEST® HIGH DENSITY PRODUCT

COMMERCIAL PRODUCT LINE - BATTS

BATTS - UNFACED

R-VALUE	THICK-NESS	WIDTH x LENGTH	BATTS	# PCS/BAG	# BAGS/MSTR. PK.	SF/PKG.	PRODUCT CODE	UPC CODE
R-8	2 5/8"	16" x 96" 24" x 96"	BATTS	24	9	256.00	GC49	7 35276 05030 4
			BATTS	24	6	384.00	GC50	7 35276 05032 8
R-11	3 1/2"	16" x 96" 24" x 48" 24" x 96"	BATTS	20	9	213.33	GC7	7 35276 05035 9
			BATTS	36	6	288.00	GC4	7 35276 05022 9
			BATTS	18	6	288.00	GC45	7 35276 05028 1
R-13	3 5/8"	16" x 96" 24" x 48"	BATTS	16	9	170.67	GC8	7 35276 05036 6
			BATTS	28	6	224.00	GC5	7 35276 05031 1
R-19	6 1/4"	16" x 48" 16" x 96" 24" x 48" 24" x 96"	BATTS	16	9	85.33	GC3	7 35276 05015 1
			BATTS	8	9	85.33	GC9	7 35276 05037 3
			BATTS	16	6	128.00	GC6	7 35276 05033 5
			BATTS	8	6	128.00	GC32	7 35276 05018 2
R-30	9 1/2"	16" x 48" 24" x 48"	BATTS	10	12	53.33	GR106	7 35276 16028 7
			BATTS	10	8	80.00	GR107	7 35276 16029 4

BATTS - KRAFT FACED

R-11	3 1/2"	16" x 96" 24" x 48" 24" x 96"	BATTS	20	9	213.33	GC17	7 35276 05007 6
			BATTS	36	6	288.00	GC14	7 35276 05004 5
			BATTS	18	6	288.00	GC48	7 35276 05029 8
R-13	3 5/8"	16" x 96" 24" x 48"	BATTS	16	9	170.67	GC18	7 35276 05008 3
			BATTS	28	6	224.00	GC15	7 35276 05005 2
R-19	6 1/2"	16" x 48" 16" x 96" 24" x 48" 24" x 96"	BATTS	16	9	85.33	GC13	7 35276 05003 8
			BATTS	8	9	85.33	GC19	7 35276 05009 0
			BATTS	16	6	128.00	GC16	7 35276 05006 9
			BATTS	8	6	128.00	GC44	7 35276 05027 4
R-30	9 1/2"	16" x 48" 24" x 48"	BATTS	10	12	53.33	GR56	7 35276 16088 1
			BATTS	10	8	80.00	GR108	7 35276 16031 7

BATTS - FOIL FACED

R-11	3 1/2"	16" x 96" 24" x 96"	BATTS	20	9	213.33	GCF604	7 35276 05043 4
			BATTS	18	6	288.00	GCF605	7 35276 05044 1
R-13	3 5/8"	16" x 96" 24" x 48"	BATTS	16	9	170.67	GCF607	7 35276 05046 5
			BATTS	28	6	224.00	GCF608	7 35276 05047 2
R-19	6 1/2"	16" x 96" 24" x 96"	BATTS	8	9	85.33	GCF615	7 35276 05054 0
			BATTS	8	6	128.00	GCF616	7 35276 05055 7
R-30	9 1/2"	16" x 48" 24" x 48"	BATTS	10	12	53.33	GRF529	7 35276 16205 2
			BATTS	10	8	80.00	GRF530	7 35276 16206 9

FS 25 - RATED BATTS

R-11	3 1/2"	16" x 96" 24" x 96"	BATTS	13	9	138.60	GX114C	7 35276 15102 5
			BATTS	13	6	208.00	GX115C	7 35276 15103 2
R-13	3 5/8"	16" x 96" 24" x 96"	BATTS	13	9	138.60	GX116C	7 35276 29039 7
			BATTS	13	6	208.00	GX117C	7 35276 15105 6
R-19	6 1/2"	16" x 96" 24" x 96"	BATTS	8	9	85.33	GX193C	7 35276 15106 3
			BATTS	8	6	128.00	GX194C	7 35276 15107 0
R-30	9 1/2"	16" x 48" 24" x 48"	BATTS	10	12	53.33	GX302	7 35276 29027 4
			BATTS	10	8	80.00	GX301	7 35276 29025 0
R-38	12"	16" x 48" 24" x 48"	BATTS	8	12	42.67	GX3816	7 35276 24481 9
			BATTS	8	8	64.00	GX3824	7 35276 24092 7

COMMERCIAL PRODUCT LINE - ROLLS

POLY ROLLS - UNFACED

R-VALUE	THICKNESS	WIDTH x LENGTH	ROLLS	# PCS/BAG	# BAGS/MSTR. PK.	SF/PKG.	PRODUCT CODE	UPC CODE
R-11	3 1/2"	16" x 70' 6" 24" x 70' 6"	POLY ROLL	1	12	94.00	GC26	7 35276 05011 3
			POLY ROLL	1	8	141.00	GC29	7 53276 05014 4
R-19	6 1/4"	16" x 39' 2" 24" x 39' 2"	POLY ROLL	1	12	52.22	GC28	7 35276 05013 7
			POLY ROLL	1	8	78.33	GC31	7 53276 05017 5

POLY ROLLS - KRAFT

R-11	3 1/2"	16" x 70' 6"	POLY ROLL	1	12	94.00	GC38	7 35276 05020 5
R-19	6 1/2"	16" x 39' 2"	POLY ROLL	1	12	52.22	GC40	7 35276 05023 6

BASEMENT WALL INSULATION

WHITE POLYPROPYLENE SCRIM KRAFT (PSK) - PERFORATED

R-11	3 1/2"	88" x 50' 48" x 70' 6"	ROLLS	1	4	366.50	GLW88	7 35276 25217 3
			ROLLS	1	4	282.00	GLW11	7 35276 24186 3

SILVER FOIL SCRIM KRAFT (FSK) - PERFORATED

R-11	3 1/2"	88" x 50' 48" x 70' 6"	ROLLS	1	4	366.50	GLF88	7 35276 25232 6
			ROLLS	1	4	282.00	GLF11	7 35276 24185 6

Also available in 72" width and different lengths upon special request. Bundled in packages of four for shipment. This product has been tested and complies with ASTM E84, ASTM E136, ASTM C665, ASTM E96, ASTM C518.

SUPERCUBE II LOOSE-FILL® COVERAGE CHART

SUPERCUBE II®				GR002B
R-VALUE	BAGS PER 1000 FT ² .	MAXIMUM NET. COVERAGE	MINIMUM WEIGHT PER FT ² .	MINIMUM THICKNESS
R-60	33.3	30 SF	1.155 LBS	21.75"
R-49	26.3	38 SF	0.925 LBS	18.25"
R-44	23.2	43 SF	0.822 LBS	16.75"
R-38	20.0	50 SF	0.701 LBS	14.75"
R-30	15.4	65 SF	0.541 LBS	12.00"
R-26	13.3	75 SF	0.462 LBS	10.75"
R-22	11.6	86 SF	0.385 LBS	9.25"
R-19	10.0	100 SF	0.327 LBS	8.25"
R-13	6.7	150 SF	0.212 LBS	6.00"
R-11	5.8	172 SF	0.173 LBS	5.25"

ATTIC GUARD® LOOSE-FILL COVERAGE CHARTS

Pneumatic Application: This product is designed to be installed by professional insulation contractors using appropriate machines. The machine settings supplied by the manufacturer for this equipment should be carefully used in order to get optimum results. The equipment must be designed for fiberglass and has to have an effective shredding section, a controlled feed section, and sufficient air volume to achieve the desired result.

ATTIC GUARD®				GR00AG
R-VALUE	BAGS PER 1000 SQ. FT.	MAXIMUM NET. COVERAGE	MINIMUM WEIGHT PER SQ. FT.	MINIMUM THICKNESS
R-60	40.00	25 SF	1.105 LBS	21.50"
R-49	31.25	32 SF	0.865 LBS	18.00"
R-44	27.77	36 SF	0.771 LBS	16.25"
R-38	23.25	43 SF	0.659 LBS	14.25"
R-30	17.85	56 SF	0.504 LBS	11.50"
R-26	15.62	64 SF	0.436 LBS	10.25"
R-22	12.98	77 SF	0.362 LBS	9.00"
R-19	10.98	91 SF	0.307 LBS	8.00"
R-13	7.57	132 SF	0.213 LBS	5.50"
R-11	6.49	154 SF	0.181 LBS	4.75"

ATTIC GUARD® - WALL & FLOOR RETROFIT APPLICATION					GR00AG
R-VALUE	STUD/JOIST THICKNESS	BAGS PER 1000 SQ. FT.	MAXIMUM NET. COVERAGE	MIN. WEIGHT PER FT ² .	MIN. WEIGHT PER FT ³ .
R-66	16.00**	105.2	9.5 SF	2.93 LBS	2.20 LBS
R-58	14.00**	91.7	10.9 SF	2.57 LBS	2.20 LBS
R-49	11.88**	78.1	12.8 SF	2.18 LBS	2.20 LBS
R-39	9.50**	62.1	16.1 SF	1.74 LBS	2.20 LBS
R-38	9.25"	61.0	16.4 SF	1.70 LBS	2.20 LBS
R-30	7.25"	47.6	21.0 SF	1.33 LBS	2.20 LBS
R-22	5.50"	36.1	27.7 SF	1.01 LBS	2.20 LBS
R-14	3.50"	22.9	43.7 SF	0.64 LBS	2.20 LBS

*Engineered I-joists. Closed cavity applications can be difficult to judge material usage during installation since the fiberglass is compression filled in the cavity. Make sure you are monitoring material usage as the job progresses, so that the proper number of bags are being installed. For pneumatic application only. Not for exposed applications. Insulation should not be installed over eave vents. Thermal resistance values are determined in accordance with ASTM C 687 and ASTM C 518. This product meets or exceeds the requirements of ASTM C 764 Type 1.

MINNESOTA LOOSE-FILL INSULATION REQUIREMENTS

The manufacturer recommends that ATTIC GUARD® loose-fill fiberglass insulation be installed to the specific weights and coverages listed in the ATTIC GUARD® coverage chart (above) and the Winter Design Insulation Requirements chart (below) with pneumatic equipment to

comply with Minnesota Rules Chapter 7670.0260 Section 102.3 ("Minnesota Rules") effective September 7, 1992. The chart below indicates the extra insulation which must be installed to obtain label R-values at winter design temperature conditions.

MINNESOTA WINTER DESIGN INSULATION REQUIREMENTS

Winter Design Temperature (Degrees F)	R-38		R-44		R-50	
	Extra Depth (Inches)	Extra Bags Per 1000 Sq. Ft.	Extra Depth (Inches)	Extra Bags Per 1000 Sq. Ft.	Extra Depth (Inches)	Extra Bags Per 1000 Sq. Ft.
-17°	0"	0	0"	0	.5"	1.2
-25°	.5"	1	1"	2	1.5"	3.2

MINNESOTA WINTER DESIGN TEMPERATURES*

Albert Lea	-17°	Faribault	-17°	Rochester	-17°
Alexandria	-22°	Fergus Falls	-21°	St. Cloud	-15°
Bemidji	-31°	International Falls	-29°	Virginia	-25°
Brainerd	-20°	Mankato	-17°	Wilmar	-15°
Duluth	-21°	Minneapolis/St. Paul	-16°	Winona	-14°

*99% Winter Design Temperatures from 1989 ASHRAE Handbook of Fundamentals.

SPRAY ON INSULATION



ULTRAFIT DS [®] - AsureR [®]					GR00UF - GR00R
R-VALUE	THICKNESS	DENSITY (LBS. PER FT. ³)	BAGS PER 1000 FT. ²	MINIMUM WEIGHT PER FT. ²	MAXIMUM NET COVERAGE
R-14	3.5" (2x4)	2.0	19.6	0.58	51
R-22	5.5" (2x6)	2.0	31.2	0.92	32
R-29	7.25" (2x8)	2.0	41.7	1.21	24
R-37	9.25" (2x10)	2.0	52.6	1.54	19
R-15	3.5" (2x4)	2.5	24.4	0.73	41
R-23	5.5" (2x6)	2.5	38.5	1.15	26
R-31	7.25" (2x8)	2.5	50.0	1.51	20
R-39	9.25" (2x10)	2.5	66.7	1.93	15

Installed using state-of-the-art technology, UltraFitDS[®] and AsureR[®] spray-on insulation systems combine a specially designed fiberglass insulation with a water-activated powdered adhesive. This is sprayed into the wall cavity forming a seamless blanket of insulation in sidewalls. Because the system creates a monolithic seal, it significantly reduces costly voids and air gaps*. Tested and certified to meet GREENGUARD[®] indoor air quality standards.

*Not intended for exposed applications. This product has been tested and complies with ICBO ES ER-5437, Type 1, ASTM C 1014-88 & C 764, ASTM E 136 for noncombustibility, ASTM E 119 One Hour Fire Resistance, ASTM E 84 Fire Hazard Classification, Flame Spread: 0, Smoke Developed: <10, does not promote fungus growth in accordance with ASTM C 665.

SPRAY FOAM AND FIBERGLASS INSULATION



ATS [™] BATTS - UNFACED								
R-VALUE	THICKNESS	WIDTH x LENGTH	BATTS/ROLLS	# PCS/BAG	# BAGS/MSTR. PK.	SF/PKG.	PRODUCT CODE	UPC CODE
R-10	3"	15 1/4" x 93"	BATTS	16	9	157.60	GATS10	7 35276 25765 9
		15 1/4" x 105"	BATTS	16	9	177.90	GATS12	7 35276 25767 3
R-12	3"	15 1/4" x 93"	BATTS	12	9	118.20	GATS20	7 35276 25769 7
		15 1/4" x 105"	BATTS	12	9	133.40	GATS22	7 35276 25771 0
R-16	5"	15 1/4" x 93"	BATTS	10	9	98.50	GATS30	7 35276 25773 4
R-19	5"	15 1/4" x 93"	BATTS	8	9	78.80	GATS40	7 35276 25775 8

ATS [™] BATTS - KRAFT FACED								
R-VALUE	THICKNESS	WIDTH x LENGTH	BATTS/ROLLS	# PCS/BAG	# BAGS/MSTR. PK.	SF/PKG.	PRODUCT CODE	UPC CODE
R-10	3"	15 1/4" x 93"	BATTS	16	9	157.60	GATS11	7 35276 25766 6
		15 1/4" x 105"	BATTS	16	9	177.90	GATS13	7 35276 25768 0
R-12	3"	15 1/4" x 93"	BATTS	12	9	118.20	GATS21	7 35276 25770 3
		15 1/4" x 105"	BATTS	12	9	133.40	GATS23	7 35276 25772 7
R-16	5"	15 1/4" x 93"	BATTS	10	9	98.50	GATS31	7 35276 25774 1
R-19	5"	15 1/4" x 93"	BATTS	8	9	78.80	GATS41	7 35276 25776 5



The ATS[™] insulation system is a combination of Handi-Foam[®] closed-cell polyurethane foam insulation and a specially designed Guardian fiberglass insulation batt. This state-of-the-art system increases thermal resistance and virtually eliminates air infiltration.

Standard 2 x 4 Wood Frame Construction

- R-13 R-3¹ + 3" R-10² fiberglass insulation
- R-15 R-3¹ + 3" R-12² fiberglass insulation
- R-16 R-3¹ + 3" R-13 UltraFitDS[®] or AsureR[®]

Standard 2 x 6 Wood Frame Construction

- R-19 R-3¹ + 5" R-16² fiberglass insulation
- R-22 R-3¹ + 5" R-19² fiberglass insulation
- R-24 R-3¹ + 5" R-13 UltraFitDS[®] or AsureR[®]

2 x 8 Wood Frame Construction

- R-24 R-3¹ + 6 3/4" R-21 fiberglass insulation
- R-32 R-3¹ + 6 3/4" R-29 UltraFitDS[®] or AsureR[®]

2 x 10 Wood Frame Construction

- R-33 R-3¹ + 8 1/2" R-30 fiberglass insulation

2 x 12 Wood Frame Construction

- R-24 R-3¹ + 10 1/2" R-38 fiberglass insulation

¹ 1/2" Handi-Foam[®].

METAL BUILDING INSULATION

FACED METAL BUILDING INSULATION¹ (Pre-installed R-values)

R-VALUE	NOMINAL THICKNESS	WIDTHS
N/A	Condensation Blanket	60"
R-10	3"	36", 48", 60", 72"
R-11	3 1/2"	36", 48", 60", 72"
R-13	4"	36", 48", 60", 72"
R-19	6"	36", 48", 60", 72"
R-25	8"	36", 48", 60", 72"
R-30	9 1/2"	36", 48", 60", 72"

UNFACED METAL BUILDING INSULATION*²

R-10	3"	36", 48", 60", 72"
R-11	3 1/2"	36", 48", 60", 72"
R-13	4"	36", 48", 60", 72"
R-19	6"	36", 48", 60", 72"
R-25	8"	36", 48", 60", 72"
R-30	9 1/2"	36", 48", 60", 72"

*Additional widths of unfaced insulation available. Please see your sales representative for details.

¹This product has been tested and complies with ASTM C 665, ASTM E 84 & C 553.

²This product has been tested and complies with ASTM C 665, ASTM E 84.

SHIPPING POLICY

REGULAR FREIGHT TERMS:

1/4 TRUCKLOAD MINIMUM FOR GUARDIAN FIBERGLASS

- Guardian reserves the right to ship only in full trucks. All variable items must be specified to enable shipment of full visible capacity loads.
- The loading table below gives approximate units per full visible truckload. To compute mixed load quantities, multiply the number of master packages of each item ordered by the factors shown under the column "Master Pkg.% of Mixed Truck" for type of product ordered. This computation will give you a percentage of those items ordered. A full truckload will equal 100%.
- Service on less than full truckload orders (minimum

- 1/4 truck) may be subject to a stop-off charge and will be accepted under the following stopover and out-of-route policy:
- Only the first stopover destination can be given a promised delivery time.
 - To facilitate full capacity loads, a variable item must be specified on each stopover.
 - The plant will assist in consolidations in compliance with published price and carrier regulations.
 - Stop-off points must be intermediate via a route acceptable to carrier. Consult the Customer Service office for full details on stop-off points.

LOADING DATA

MASTER PACKAGING

PRODUCT	NUMBER PER MASTER PACK	AVG. MASTER PACKS PER 53' TRUCK ^a	MASTER PACK % OF MIXED 53' TRUCK ^a
15" PRO-CUT® BATTS (48.96/88.12 SF/PKG)	18	56	1.786
23" PRO-CUT® BATTS (75.07 SF/PKG)	10	56	1.786
15"/16" BATTS	9 ^b	56	1.786
23"/24" BATTS	6 ^c	56	1.786
15"/16" POLY ROLLS	12	56	1.786
23"/24" POLY ROLLS	8	56	1.786
15"/16" MINI-ROLLS	27	56	1.786
23"/24" MINI-ROLLS	18	56	1.786
SILL SEALER		325	1.786
SUPERCUBE II®*		1050	0.102
ATTIC GUARD®*		1050	0.102

^a For other truck lengths (number of Master Packs and % of mixed truck date will vary), contact your Sales Representative.

^b R-30 & R-38 packed (12)/Master Pack.

*Loose-fill fiberglass insulation for machine applications only.

R-VALUE INFORMATION

U.S. DEPARTMENT OF ENERGY RECOMMENDATIONS FOR NEW HOMES

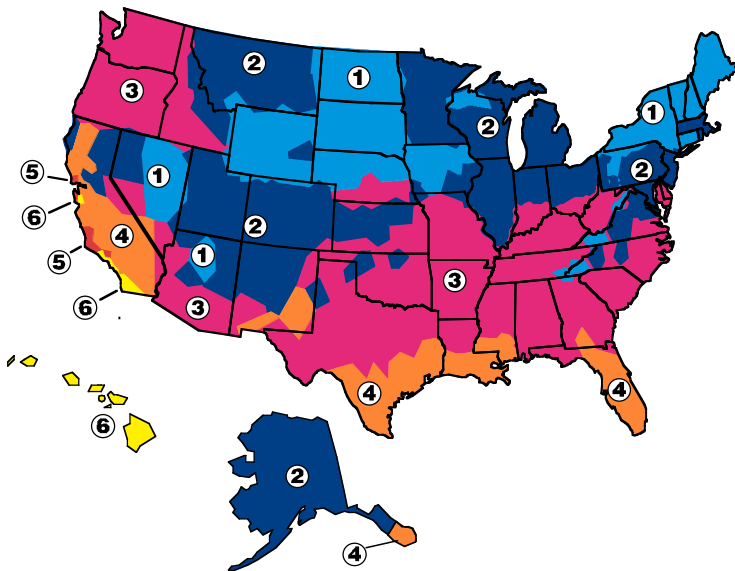
Insulation is specified by its thermal resistance or R-value. "R" means resistance to heat flow. The higher the R-value, the greater the insulating power.

The amount of insulation you need depends mainly on climate, type of heating (gas, oil, electricity) you use, and the area of the house you plan to insulate.

The U.S. Dept. of Energy has established minimum recommended insulation R-values for six distinct parts of the country, or insulation zones.

FIND YOUR ZONE ON THE MAP

Determine your insulation zone by locating your city or town on the map provided below.



FIND THE R-VALUES FOR YOUR ZONE

If you live on the border between two zones, choose the higher rather than the lower values.

Insulation Zone	Gas	Heat Pump	Fuel Oil	Electric Furnace	Attic	Wall ^(A)	Floor	Crawl Space ^(B)	Basement
1	✓	✓	✓		R-49	R-18	R-25	R-19	R-11
				✓	R-49	R-28	R-25	R-19	R-19
2	✓	✓	✓		R-49	R-18	R-25	R-19	R-11
				✓	R-49	R-22	R-25	R-19	R-19
3	✓	✓	✓	✓	R-49	R-18	R-25	R-19	R-11
4	✓	✓	✓		R-38	R-13	R-13	R-19	R-11
				✓	R-49	R-18	R-25	R-19	R-11
5	✓		✓		R-38	R-13	R-11	R-13	R-11
		✓	✓		R-38	R-13	R-13	R-19	R-11
				✓	R-49	R-18	R-25	R-19	R-11
6	✓				R-22	R-11	R-11	R-11	R-11
		✓	✓		R-38	R-13	R-11	R-13	R-11
				✓	R-49	R-18	R-25	R-19	R-11

(A) R-18, R-22 and R-28 exterior wall systems can be achieved by either cavity insulation or cavity insulation with insulating sheathing.

For 2" x 4" walls, use either R-15 or R-13 fiberglass with insulating sheathing.

For 2" x 6" walls, use either R-21 or R-19 fiberglass insulation.

(B) Insulate crawlspace walls only if the crawlspace is dry all year, the floor above is not insulated, and all ventilation to the crawlspace is blocked. A vapor retarder (e.g., 4 or 6-mil polyethylene film) should be installed on the ground to reduce moisture migration into the crawlspace.

NOTE: For more information see: DOE Insulation Fact Sheet (DOE/CE-0180). Energy Efficiency and Renewable Energy Clearinghouse, P.O. Box 3048, Merrifield, VA 22116, www.ornl.gov



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