

This is Glass Mineral Wool Insulation. Read this before you buy.

What you should know about R-Values

The chart shows the R-value of this insulation.

"R" means resistance to heat flow. The higher the R-value, the greater the insulating power. Compare insulation R-values before you buy.

There are other factors to consider, however. The amount of insulation you need depends mainly on the climate you live in. Your fuel savings from insulation will also depend upon the climate, as well as the type and size of your house, the amount of insulation already in your house, and your fuel use patterns and family size. To get the marked R-value, it is essential that this insulation be installed properly.

Check with your Knauf Insulation sales representative to ensure information is current.

ECOSE Technology

ECOSE Technology is a revolutionary new binder based on rapidly renewable bio-based materials rather than non-renewable petroleum-based chemicals such as phenol, formaldehyde or acrylics. ECOSE Technology reduces Knauf Insulation binder embodied energy and contains no phenol, formaldehyde, acrylics or artificial colors found in traditional fiber glass insulation.

Notes

WS: Product designed for use between wood studs.

FSK: Foil-scrim-kraft laminate.

MS: Product designed for use between metal studs.

HD: High density product. (Designed for achieving maximum R-value in conventionally framed walls, ceilings and floor systems. HD insulation products have a higher density than standard products.)

The chemical and physical properties of Knauf Insulation Building Insulation with ECOSE Technology represent average values determined in accordance with accepted test methods. The data is subject to normal manufacturing variations. The data is supplied as a technical service and is subject to change without notice. Check with your Knauf Insulation territory manager to ensure information is current.

Product	R-Value	Thickness	Width x Length	Packaging	Pieces/ Package	Ft ² / Package
Unfaced Building Insulation	R-8 _{MS}	2½"	16" x 96"	Batt	22	234.67
			24" x 96"	Batt	22	352.00
Unfaced, Kraft Faced, Foil Faced, FSK Foil Faced Building Insulation	R-11 _{WS}	3½"	11" x 93"	Batt	32	227.33
			11" x 105"	Batt	32	256.67
			15" x 48"	Batt	32	160.00
			15" x 93"	Batt	9	87.19
			15" x 93"	Batt	16	155.00
			15" x 105"	Batt	16	175.00
			15¼" x 93"	Batt	16	157.58
			15¼" x 105"	Batt	16	177.92
			19" x 93"	Batt	16	196.33
			23" x 48"	Batt	32	245.33
			23" x 93"	Batt	9	133.69
			23" x 93"	Batt	16	237.67
			23¼" x 93"	Batt	16	240.25
			23¼" x 105"	Batt	16	271.25
	R-11 _{MS}	3½"	16" x 96"	Batt	16	170.67
			24" x 48"	Batt	32	256.00
			24" x 96"	Batt	16	256.00
	R-13 _{WS}	3½"	11" x 93"	Batt	22	156.29
			11" x 105"	Batt	22	176.46
			15" x 47"	Batt	22	107.71
15" x 93"			Batt	9	87.19	
15" x 93"			Batt	12	116.25	
15" x 105"			Batt	12	131.25	
19" x 93"			Batt	11	134.98	
23" x 93"			Batt	8	118.83	
R-13 _{MS}	3½"	23" x 93"	Batt	11	163.40	
		16" x 96"	Batt	10	106.67	
		16" x 96"	Batt	12	128.00	
		24" x 96"	Batt	10	160.00	
			24" x 96"	Batt	11	176.00



UL Environment GREENGUARD Gold

Knauf Insulation achieved UL Environment GREENGUARD Gold Certification and is validated to be formaldehyde free.

UL Environment GREENGUARD Certification Program

Products are certified to UL Environment GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/spg.

This product is covered by one or more U.S. and/or other patents. See patent www.knaufinsulation.us/patents.



Product	R-Value	Thickness	Width x Length	Packaging	Pieces/ Package	Ft ² /Package
Unfaced, Kraft Faced, Foil Faced, FSK Foil Faced Building Insulation	R-15 _{HD}	3½"	15" x 93"	Batt	8	77.50
			15" x 105"	Batt	8	87.50
			23 x 93"	Batt	6	89.13
	R-19 _{WS}	6¼"	11" x 48"	Batt	28	102.67
			15" x 48"	Batt	20	100.00
			15" x 94"	Batt	10	97.92
			15¼" x 94"	Batt	10	99.55
			15" x 106"	Batt	10	110.42
			15¼" x 106"	Batt	10	112.26
			19" x 48"	Batt	18	114.00
			19" x 94"	Batt	9	111.63
			23" x 48"	Batt	18	138.00
			23¼" x 48"	Batt	18	139.50
			23" x 94"	Batt	9	135.13
			R-19 _{MS}	6¼"	16" x 96"	Batt
	24" x 48"	Batt			16	128.00
	24" x 48"	Batt			18	144.00
	24" x 96"	Batt			8	128.00
	24" x 96"	Batt			9	144.00
	R-21 _{HD}	5½"	15" x 93"	Batt	7	67.81
			15" x 105"	Batt	7	76.56
			19" x 93"	Batt	7	85.90
	R-22	6½"	15" x 48"	Batt	16	80.00
			23" x 48"	Batt	16	122.67
	R-23 _{HD}	5½"	15" x 93"	Batt	4	38.75
	R-25	8"	15" x 48"	Batt	16	80.00
			16" x 48"	Batt	16	85.33
			23" x 48"	Batt	16	122.67
			24" x 48"	Batt	16	128.00
	R-30 _{HD}	8¼"	15" x 48"	Batt	11	55.00
23" x 48"			Batt	11	84.33	
R-30	10"	12" x 48"	Batt	22	88.00	
		16" x 48"	Batt	13	69.33	
		19" x 48"	Batt	11	69.67	
		19¼" x 48"	Batt	11	70.58	
		24" x 48"	Batt	11	88.00	
R-38	12"	16" x 48"	Batt	11	58.67	
		19" x 48"	Batt	8	50.67	
		24" x 48"	Batt	8	64.00	
R-38 _{HD}	10¼"	15" x 48"	Batt	8	40.00	
		23" x 48"	Batt	8	61.33	
R-49	13¾"	16" x 48"	Batt	6	32.00	
		19" x 48"	Batt	6	38.00	
		24" x 48"	Batt	6	48.00	