

Knauf EcoBatt® Insulation

with ECOSE® Technology

Fact Sheet



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. The amount of insulation you need depends mainly on the climate you live in. Also, your fuel savings from insulation will depend upon the climate, 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 binder embodied energy and contains no phenol, formaldehyde, acrylics or artificial colors found in traditional fiber glass insulation.

Product	R-Value	Thickness	Width x Length	Packaging	Pieces/ Packaging	Sq. Ft./ 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 _{MS}	3½"	11" x 94"	Batt	32	229.78		
			15" x 47"	Batt	22	107.71		
			15" x 48"	Batt	32	160.00		
			15" x 94"	Batt	16	156.67		
			15" x 106"	Batt	16	176.66		
			15¼" x 94"	Batt	16	159.28		
			23" x 47"	Batt	22	165.15		
			23" x 48"	Batt	32	245.33		
			23" x 94"	Batt	16	240.22		
			23¼" x 94"	Batt	16	242.83		
	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 _{MS}	3½"	11" x 94"	Batt	22	157.97
					11" x 106"	Batt	22	178.14
					15" x 47"	Batt	22	107.71
	15" x 94"	Batt			11	107.71		
	R-13 _{MS}	3½"	15" x 106"	Batt	11	121.46		
			19" x 94"	Batt	11	136.43		
			23" x 47"	Batt	22	165.15		
23" x 94"			Batt	11	165.15			
R-13 _{MS}	3½"	16" x 96"	Batt	11	117.33			
		24" x 96"	Batt	11	176.00			



Knauf Building Insulation with ECOSE® Technology is certified for indoor air quality as a low emitting product by The GREENGUARD Environmental Institute™ to both the GREENGUARD Certification Program™ and the more stringent GREENGUARD For Children and Schools™ standard. www.greenguard.org

The GREENGUARD INDOOR AIR QUALITY CERTIFIED Mark is a registered certification mark used under license through the GREENGUARD Environmental Institute.



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Product	R-Value	Thickness	Width x Length	Packaging	Pieces/ Packaging	Sq. Ft./Package
Unfaced, Kraft Faced, Foil Faced, FSK Foil Faced Building Insulation	R-15 _{HD}	3½"	15" x 93"	Batt	6	58.13
			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
			15" x 106"	Batt	10	110.42
			19" x 48"	Batt	18	114.00
			23" x 48"	Batt	18	138.00
			23" x 94"	Batt	9	135.13
			R-19 _{MS}	6¼"	16" x 48"	Batt
	16" x 96"	Batt			10	106.67
	24" x 48"	Batt			16	128.00
	24" x 48"	Batt			18	144.00
	24" x 96"	Batt			9	144.00
	R-21 _{HD}	5½"	15" x 93"	Batt	7	67.81
			23" x 93"	Batt	7	103.98
	R-22	6½"	15" x 48"	Batt	16	80.00
			19" x 48"	Batt	16	101.33
			23" x 48"	Batt	16	122.67
	R-23 _{HD}	5½"	15" x 93"	Batt	4	38.75
	R-25	8"	16" x 48"	Batt	16	85.33
			24" x 48"	Batt	16	128.00
	R-26	9"	16" x 48"	Batt	13	69.33
			24" x 48"	Batt	13	104.00
	R-30 _{HD}	8¼"	15" x 48"	Batt	12	60.00
			23" x 48"	Batt	12	92.00
	R-30	10"	11" x 48"	Batt	22	80.67
			16" x 48"	Batt	13	69.33
19" x 48"			Batt	11	69.67	
24" x 48"			Batt	11	88.00	
R-38	12"	16" x 48"	Batt	11	58.67	
		24" x 48"	Batt	8	64.00	
R-38 _{HD}	10¾"	15" x 48"	Batt	8	40.00	
		23" x 48"	Batt	8	61.33	
R-49	13¾"	24" x 48"	Batt	6	48.00	

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 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 sales representative to ensure information is current.