



FACT SHEET

THIS IS GREENFIBER STABILIZED BORATE CELLULOSE INSULATION

Application Coverage Chart			30 LBS			Product # INS735	
R-value at 75°F Mean Temp	Minimum Thickness (inches)		Maximum Net Coverage (No Adjustment for Framing)			Gross Coverage (Based on 2" x 6" Framing on 16" Centers)	
To Obtain a Thermal Resistance (R) of:	Installed Insulation Should Not Be Less Than:	Thickness After Settling	Maximum Square Feet per Bag	Minimum Bags per 1,000 Square Feet	Minimum Weight per Square Foot (lbs.)	Maximum Square Foot per Bag	Minimum Bags per 1,000 Square Feet
R-60	16.7	16.2	11.2	89.0	2.670	11.6	86.2
R-50	13.9	13.5	14.1	71.0	2.131	14.6	68.3
R-48	13.4	13.0	14.8	67.5	2.026	15.4	64.8
R-44	12.3	11.9	16.5	60.6	1.818	17.3	58.0
R-40	11.1	10.8	18.6	53.6	1.613	19.5	51.2
R-38	10.6	10.3	19.8	50.4	1.513	20.9	47.9
R-32	8.9	8.6	24.6	40.6	1.217	26.2	38.2
R-30	8.4	8.1	26.8	37.4	1.121	28.6	35.0
R-24	6.7	6.5	35.6	28.1	0.842	38.7	25.8
R-22	6.1	5.9	39.9	25.1	0.752	43.7	22.9
R-21	5.9	5.7	42.4	23.6	0.708	46.6	21.5
R-20	5.6	5.4	45.2	22.1	0.664	49.8	20.1
R-19	5.3	5.1	48.3	20.7	0.621	53.3	18.8
R-13	3.6	3.5	80.2	12.5	0.374	88.5	11.3
R-11	3.1	3.0	100.7	9.9	0.298	111.2	9.0

Sidewalls (Furred Walls at 2.7 PCF, Stud Walls at 2.7 PCF)					
Sidewalls	Framing	Minimum Thickness (inches)	Maximum Coverage Sq. Ft. per Bag		Minimum Weight per Sq. Ft. (lbs.)
			16" o.c.	24" o.c.	
R-2.8	Furring	0.75	196.2	189.6	0.169
R-3.7	Furring	1.0	147.1	142.2	0.225
R-5.6	Furring	1.5	98.1	94.8	0.338
R-7.4	Furring	2.0	73.6	71.1	0.450
R-13	(2x4)	3.5	42.0	40.6	0.788
R-20.4	(2x6)	5.5	26.8	25.9	1.238
R-26.8	(2x8)	7.25	20.3	19.6	1.631
R-34.2	(2x10)	9.25	15.9	15.4	2.081
R-41.2	(2x12)	11.125	13.2	12.8	2.503

Dry Dense-Pack Sidewalls (Stud Walls at 3.5 PCF)					
R-12.6	(2x4)	3.5	32.4	31.3	1.021
R-19.8	(2x6)	5.5	20.6	19.9	1.604

The coverage chart is based on settled thickness and is for estimating purposes only. Do not exceed maximum sq. ft. coverage per bag. Actual coverage will be influenced by job conditions and application techniques and may vary as much as 10% without significantly affecting the stated R-value. Failure of the installer to provide at least the required number of bags per 1000 sq. ft. and at least the minimum thickness may result in a lower installed R-value. This product is intended for wallspray application in 2x4 and 2x6 construction. Contact GreenFiber technical representatives for all other assemblies. This coverage chart does not apply to dry application. GreenFiber requires maintaining applied moisture content below 35% during wall application and below 22% for attic floor application. Do not cover the insulation until the insulation moisture levels, measured and documented after a minimum period of 24 hours from the time of installation, reach 25% or less in accordance with GreenFiber's Wallspray Manual. Install dry dense-pack Cocoon2 Stabilized Borate Formula Insulation in all exterior wall sections where added vapor impediments, such as cabinets, mirrors, tubs, and shower enclosures are located. If unsure where impediments are located, dry dense-pack the entire exterior wall section(s). Non-standard or unusual wall configurations (i.e., other than 2x4 and 2x6 walls) can affect thermal and sound properties and require special installation considerations. These types of designs should be analyzed and, if necessary, tested prior to plan review. For non-standard walls, contact a GreenFiber technical service representative for assistance. Coverage chart is based on a nominal bag weight of 30 lbs.

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 the insulation you need depends 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. If you buy too much insulation, it will cost you more than what you'll save on fuel. To get the marked R-value, it is essential that this insulation be installed properly.

FOR MORE INFORMATION CONTACT GREENFIBER:
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Manufacturing Locations

Albany, NY	Phoenix, AZ
Atlanta, GA	Sacramento, CA
Charlotte, NC	Salt Lake City, UT
Delphos, OH	Tampa, FL
E. St Louis, IL	Waco, TX
Norfolk, NE	

