

**Greenshield™ Stabilized Loose Fill Borate Cellulose Insulation 30# bags**  
 Class I Building Material



ATOMIZED PNEUMATIC APPLICATION COVERAGE CHART							
R-value @ 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 Long-Term Settling	Maximum Square feet per Bag	Minimum Bags per 1000 Square Feet	Minimum Weight per Square Foot (lbs)	Maximum Square Feet per Bag	Minimum Bags per 1000 Square Feet
60	16.9	16.1	11.8	84.6	2.538	12.2	81.9
50	14.1	13.4	14.8	67.5	2.026	15.4	64.9
42	11.9	11.3	18.4	54.3	1.630	19.3	51.8
40	11.3	10.7	19.6	51.1	1.533	20.6	48.6
38	10.7	10.2	20.9	47.9	1.437	22.0	45.5
32	9.0	8.6	25.9	38.6	1.157	27.6	36.2
30	8.5	8.0	28.2	35.5	1.065	30.1	33.2
24	6.8	6.4	37.5	26.7	0.800	40.8	24.5
22	6.2	5.9	42.0	23.8	0.715	46.0	21.7
19	5.4	5.1	50.9	19.7	0.590	56.1	17.8
13	3.7	3.5	84.4	11.8	0.355	93.2	10.7
11	3.1	2.9	106.1	9.4	0.283	117.1	8.5

Coverage chart above is based on insulation manufactured @ 1.6 pcf design density per ASTM C739. Coverages are estimated for horizontal application.

The installation thickness was determined using ASTM C1374 and a Force 1 blowing machine with 100-feet of 3" hose.

This insulation is not intended for dry application. Use only special stabilized application equipment.

Sidewalls	Thickness (inches)	Maximum Coverage		Weight per Square Foot
		Square Feet per Bag		
		16" oc	24" oc	
R-13 ( 2 x 4 )	3.5	37.8	36.6	0.875
R-21 ( 2 x 6 )	5.5	24.1	23.3	1.375

The above wall coverages are estimated using 3.0 pcf density.

This insulation is designed for installation with special wall-spray application equipment.

R-value means resistance to heat flow. The higher the R-value, the greater the insulation power. This coverage chart is based on settled density and is for estimating purposes only. Actual coverage may vary according to job conditions and application technique. To obtain maximum performance the manufacturer recommends installation moisture between 18% - 22% for ceilings and 24% - 35% for vertical walls. Actual installation requirements may change depending on climate zone. To achieve stated R-value do not exceed maximum square footage per bag.

This attic has been insulated to: **R -**

The walls have been insulated to: **R -**

This is to certify that Greenshield Stabilized Insulation has been installed with the manufacturer's recommendations and according to the coverage chart shown above using \_\_\_\_\_ bags of insulation to cover \_\_\_\_\_ square feet of area.

Installers Signature \_\_\_\_\_

Company Name \_\_\_\_\_

Date \_\_\_\_\_

Builders Signature \_\_\_\_\_

Company Name \_\_\_\_\_

This insulation was installed by a qualified professional contractor to the R-value stated here and complies with all applicable codes, standards and regulations. Additional insulation may be added by contacting your Greenshield™ installer.

Residence Address \_\_\_\_\_  
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