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## Product Specifications

### Loose Fill Insulation

greenfiber



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#### READ BEFORE YOU BUY:

#### WHAT YOU SHOULD KNOW ABOUT R-VALUES:

This 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, 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 cellulose insulation be installed properly.

#### COCOON® LOOSE-FILL INSULATION - INS550LD 23.25 LBS.

R-Value @ 75° F Mean Temperature  To Obtain a Thermal Resistance of:	Minimum Thickness (inches)		Maximum Net Coverage (no adjustment for framing)			Gross Coverage (based on 2" x 6" framing on 16" centers)	
	Installed Insulation Shouldn't Be Less Than:	Thickness After Settling	Maximum Sq. Ft. Per Bag	Minimum Bags Per 1,000 Sq. Ft.	Minimum Weight Per Sq. Ft. (lbs)	Maximum Sq. Ft. Per Bag	Minimum Bags Per 1,000 Sq. Ft.
R-50	15.0	13.5	13.8	72.7	1.689	14.3	69.9

R-42	12.6	11.4	16.4	61.0	1.419	17.2	58.3
R-40	12.0	10.8	17.2	58.1	1.351	18.1	55.4
R-38	11.4	10.3	18.1	55.2	1.284	19.1	52.4
R-32	9.6	8.6	21.5	46.5	1.081	22.9	43.7
R-30	9.0	8.1	22.9	43.6	1.014	24.5	40.8
R-25	7.5	6.8	27.5	36.3	0.845	39.8	33.6
R-24	7.2	6.5	28.7	34.9	0.811	31.2	32.1
R-22	6.6	5.9	31.3	32.0	0.743	34.3	29.2
R-19	5.7	5.1	36.2	27.6	0.642	40.0	25.0
R-13	3.9	3.5	52.9	18.9	0.439	58.4	17.1
R-11	3.3	3.0	62.6	16.0	0.372	69.0	14.5

**Maximum Coverage**

Sidewalls	Thickness (inches)	Square Feet per Bag		Weight per Square Foot
		16" oc	24" oc	
R-13 (2 x 4)	3.5	33.8	32.7	0.758
R-20 (2 x 6)	5.5	21.5	20.8	1.192

Coverage chart is based on settled thickness and is for estimating purposes only. Do not exceed maximum square foot 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 1,000 square foot and at least the minimum thickness may result in a lower installed R-Value. Compaction may occur during installations above R-30, requiring more than the stated number of bags to obtain the minimum installation thickness. This product is intended for dry loose-fill application. Do not use water with this product. This coverage chart does not apply to spray-applied application.

**COCOON INSULATION- HORIZONTAL BLOWN APPLICATION - INS510LD 30 LBS.**

Thermal Resistance		Minimum Thickness				Mass Per Unit Area		Coverage Per Bag (No Adjustment)		Coverage Per Bag	
		Installed		Settled				38 x140 @	2x6 @		
RSI	R	mm	inches	mm	inches	kg/m <sup>2</sup>	lb/ft <sup>2</sup>	m <sup>2</sup>	ft <sup>2</sup>	406 mm o.c.	16 in o.c.
10.5	60	458	18.0	409	16.1	10.49	2.15	1.3	14.0	1.3	14.4
8.8	50	385	15.1	343	13.5	8.80	1.80	1.5	16.6	1.6	17.3
7.7	44	336	13.2	300	11.8	7.69	1.58	1.8	19.0	1.8	19.9

7.0	40	306	12.0	273	10.7	6.99	1.43	1.9	20.9	2.0	22.0
6.3	36	275	10.8	246	9.7	6.29	1.29	2.2	23.3	2.3	24.6
6.1	35	266	10.5	238	9.4	6.09	1.25	2.2	24.0	2.4	25.4
5.9	34	258	10.1	230	9.1	5.89	1.21	2.3	24.9	2.4	26.4
5.6	32	244	9.6	218	8.6	5.59	1.15	2.4	26.2	2.6	27.9
5.3	30	231	9.1	207	8.1	5.30	1.08	2.6	27.7	2.7	29.5
4.9	28	214	8.4	191	7.5	4.90	1.00	2.8	29.9	3.0	32.1
4.2	24	183	7.2	164	6.4	4.20	0.86	3.2	34.9	3.5	37.9
3.5	20	153	6.0	136	5.4	3.50	0.72	3.9	41.9	4.3	46.2
2.8	16	122	4.8	109	4.3	2.80	0.57	4.9	52.4	5.4	57.8
2.6	15	114	4.5	101	4.0	2.60	0.53	5.2	56.4	5.8	62.2
2.4	14	105	4.1	94	3.7	2.40	0.49	5.7	61.1	6.3	67.4
2.1	12	92	3.6	82	3.2	2.10	0.43	6.5	69.8	7.2	77.0
1.7	10	74	2.9	66	2.6	1.70	0.35	8.0	86.2	8.8	95.2
1.4	8	61	2.4	55	2.1	1.40	0.29	9.7	104.7	10.7	115.6

**Sidewall Application**

406 mm o.c. 16 in o.c.

2.3	13	89	3.5	na	na	4.45	0.91	na	na	3.4	36
3.6	20	140	5.5	na	na	6.99	1.43	na	na	2.1	23

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