



PROPINK unbonded loosefill insulation fiber glass is an alternative to roll or batt insulation in attics, new construction and retrofit applications.

Compliance

- PROPINK fiber glass loosefill insulation conforms to the product requirements of ASTM C 764 Type I (pneumatic application).
- R-values are determined in accordance with ASTM C 687.
- Passes the requirements of ASTM E 136 and is considered noncombustible by the model building codes.
- The surface burning characteristics of this product have been determined in accordance with

ULC ASTM
S 102.2: E 84*

- Flame Spread: 0 0
- Smoke Developed: 0 0

*This standard is used to measure and describe the response of materials, products, or assemblies to heat and flame under controlled conditions, but does not by itself incorporate all factors required for fire-hazard or fire-risk assessment of the materials, products, or assemblies under actual fire conditions. However, the results of these tests may be used as elements of a fire risk assessment that takes into account all of the factors pertinent to an assessment of the fire hazard of a particular end use. Values are reported to the nearest five (5) rating.

- PROPINK insulation passes the requirements of ASTM C 764 section 12.8 – is noncorrosive, ASTM C 1104 – does not absorb moisture, and ASTM C1338-does not support mold growth.
- Conforms to the quality standards of the State of California.

Thermal Performance

Stated R-value is achieved by installing the minimum required number of bags per 1,000 net sq ft at a thickness not less than the label minimum thickness and minimum sq ft weight. Failure by the installer to provide both the required number of bags and at least the minimum thickness will result in lower insulation R-value.

Attic/Ceiling Guidelines

PROPINK Insulation Red Bag Label - IRNL32 Nominal Bag Wt. 33 lbs.

R-value**	R-11	R-19	R-22	R-28	R-30	R-38	R-44	R-49
Bags per 1000 sq ft	5.7	10.1	11.5	13.6	15.8	20.4	23.6	26.5
Max sq ft per bag	176.9	99.5	87.2	73.4	63.1	48.9	42.3	37.7
Min weight per sq ft	0.187	0.332	0.378	0.450	0.523	0.675	0.780	0.875
Minimum thickness(in)	4 1/2	7 3/4	8 3/4	10 1/4	11 3/4	14 3/4	16 3/4	18 1/2

** 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 your 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. 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.

Maximum Gross Coverage Per Bag

To compensate for joists, the following table may be used to determine gross coverage per bag (sq ft)

R-value	Joist Size	Coverage/Bag (SF)	
		16 in. O.C. (sq. ft.)	24 in. O.C. (sq. ft.)
11	2x4	190.8	185.9
	2x6	195.2	188.7
	2x8	195.2	188.7
19	2x4	103.9	102.3
	2x6	106.5	104.1
	2x8	109.4	105.9
22	2x4	90.6	89.5
	2x6	92.7	90.8
	2x8	94.9	92.2
26	2x4	75.8	75.0
	2x6	77.3	76.0
	2x8	78.8	76.9
30	2x4	65.0	64.3
	2x6	66.0	65.0
	2x8	67.2	65.8
38	2x4	50.0	49.7
	2x6	50.7	50.1
	2x8	51.4	50.5
44	2x4	43.2	42.9
	2x6	43.7	43.2
	2x8	44.2	43.5
49	2x4	38.4	38.2
	2x6	38.8	38.4
	2x8	39.2	38.7

All insulation varies in thermal performance due to factors such as mean temperature, settlement, convection, moisture absorption and installation variation. Convection in fiber glass loosefill insulation installed in open attics can reduce its thermal performance at extreme winter temperatures during the heating season.

PROPINK unbonded loosefill insulation fiber glass may deliver reduced thermal performance due to convection at low outside temperatures. The product has been designed to anticipate this phenomenon and the labeled R-value reflects the average performance over the winter heating season. The dollar impact to a homeowner's annual heating cost from loosefill convection is estimated to be minimal, if any, when compared to labeled performance.

Installation Specifications

Owens Corning does not recommend or approve blending or adding additional materials or adhesives to this product during installation. Owens Corning will accept no responsibility or liability when the product is not installed in accordance with the product label and installation instructions.

Installation Considerations for Enclosed Cavity Applications

When installing PROPINK unbonded loosefill insulation fiber glass in a thermal or acoustical retrofit application, it is absolutely critical that the enclosed cavity crews have a general knowledge of construction and framing principles and a full understanding of the blowing equipment. Additionally, the following items should be considered:

- Check for possible routes that may allow insulation to escape from cavities and fall into the living area, basement or crawlspace.
- Check for HVAC ducts or flues that may be present in wall or floor cavities to be insulated.
- Check for cavity surfaces which may not be able to withstand pressures created during the blowing process.
- Check exterior siding for signs of paint peeling or moisture problems. If these problems exist, walls should not be insulated until underlying reasons for the problems have been corrected. Insulating a cavity that does not have an adequate interior vapor retarder substantially increases the potential for exterior and/or interior moisture problems.

PROPINK Loosefill Red Bag - Enclosed Cavity Applications Nominal Bag Weight 33 lb							
		R-Value	Minimum thickness inches	Density lb/ft ³	Maximum coverage per bag ft ²	Minimum number of bags per 1000 ft ²	Minimum weight per unit area lb/ft ²
Side walls	2x4	11	3 1/2	0.75	151	6.6	0.219
		13	3 1/2	1.00	113	8.8	0.292
		14	3 1/2	1.50	75	13.3	0.438
		15	3 1/2	2.25	50	19.9	0.656
	2x6	17	5 1/2	0.75	96	10.4	0.344
		19	5 1/2	1.00	72	13.9	0.458
		21	5 1/2	1.25	58	17.4	0.573
		22	5 1/2	1.50	48	20.8	0.688
Floors	2x8	24	5 1/2	2.50	29	34.7	1.146
		28	7 1/4	1.25	44	22.9	0.755
		30	7 1/4	1.50	36	27.5	0.906
	2x10	31	7 1/4	2.00	27	36.6	1.208
		35	9 1/4	1.25	34	29.2	0.964
		38	9 1/4	1.50	29	35.0	1.156
		40	9 1/4	2.50	17	58.4	1.927



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