



PROPINK® L77 PINK® FIBERGLAS™ LOOSEFILL INSULATION

Application Instructions



Owens Corning PROPINK® L77 PINK® Fiberglas™ Loosefill Insulation is designed to be mechanically blown into attics, but may also be applied in the exterior walls or enclosed cavities of new or existing construction.

Application

Stated R-value is provided by installing the required minimum number of bags per 1,000 net square feet at the specified thickness. Installation of the required number of bags may yield more than the specified minimum thickness and minimum square foot weight.

Failure by the installer to provide the specific bag count will result in a lower installed insulation R-value. Owens Corning does not recommend or approve of blending or adding additional materials or adhesives with this product during installation. Owens Corning will accept no responsibilities or liabilities when the product is not installed in accordance with the product label and installation instructions. The installing contractor assumes sole responsibility and liability for proper application.

Attics

Nominal Bag Weight: 32 lbs.

R-VALUE	MINIMUM INITIAL INSTALLED THICKNESS (IN.)	MINIMUM SETTLED THICKNESS ¹	MAXIMUM COVERAGE PER BAG (SQ. FT.)	MINIMUM BAGS PER 1,000 SQ. FT.	MINIMUM WEIGHT (LBS PER SQ. FT.)
13	4.75	4.75	184.6	5.4	0.173
19	7.00	7.00	125.0	8.0	0.256
22	8.00	8.00	106.3	9.4	0.301
26	9.25	9.25	89.6	11.2	0.357
30	10.50	10.50	77.0	13.0	0.416
38	13.25	13.25	59.9	16.7	0.534
44	15.00	15.00	50.7	19.7	0.631
49	16.75	16.75	45.0	22.2	0.711
60	20.00	20.00	35.8	28.0	0.895

Walls

R-VALUE	FRAMING	MINIMUM INITIAL INSTALLED THICKNESS (IN.)	INSTALLED DENSITY (LBS PER CU. FT.)	MAXIMUM COVERAGE PER BAG (SQ. FT.)	MINIMUM BAGS PER 1,000 SQ. FT.	MINIMUM WEIGHT (LBS PER SQ. FT.)
14	2x4	3.5	1.25	87.8	11.4	0.364
15	2x4	3.5	1.45	75.7	13.2	0.423
16	2x4	3.5	2.20	49.9	20.1	0.642
22	2x6	5.5	1.25	55.9	17.9	0.573
23	2x6	5.5	1.35	51.7	19.3	0.619
24	2x6	5.5	1.75	40.0	25.0	0.802

Floors

R-VALUE	FRAMING	MINIMUM INITIAL INSTALLED THICKNESS (IN.)	INSTALLED DENSITY (LBS PER CU. FT.)	MAXIMUM COVERAGE PER BAG (SQ. FT.)	MINIMUM BAGS PER 1,000 SQ. FT.	MINIMUM WEIGHT (LBS PER SQ. FT.)
31	2x8	7.25	1.8	29.4	34.0	1.088
40	2x10	9.25	2.0	20.8	48.2	1.542
48	2x12	11.25	1.9	18	55.7	1.781

Cathedral Ceiling²

R-VALUE	FRAMING	MINIMUM INITIAL INSTALLED THICKNESS (IN.)	INSTALLED DENSITY (LBS PER CU. FT.)	MAXIMUM COVERAGE PER BAG (SQ. FT.)	MINIMUM BAGS PER 1,000 SQ. FT.	MINIMUM WEIGHT (LBS PER SQ. FT.)
30	2x8	7.25	1.35	39.2	25.5	0.816
38	2x10	9.25	1.35	30.8	32.5	1.041
49	2x12	11.25	1.85	18.5	54.2	1.734

1. This product shows negligible settling.

2. Raft-R-Mate baffles should be installed in the underside of the roof deck in each rafter cavity, from eave to ridge, to provide required ventilation.

A Volu-Matic SE insulation blowing machine was used to determine the coverage information. The machine was set up in 3rd gear, with a 12' gate opening, 1.4 psi air bleed pressure, and 100' of 4" plus 50' of 3.5" Mark 2 hose, blowing the material out in a 10' arc.

Mid-Floors

MINIMUM INITIAL INSTALLED THICKNESS (IN.)	INSTALLED DENSITY (LBS/CU.FT.)	MAXIMUM COVERAGE PER BAG (SQ.FT.)	MINIMUM BAGS PER 1,000 SQ. FT.	MINIMUM WEIGHT (LBS/SQ.FT.)
12	0.7	45.7	21.9	0.7
12	0.8	40.0	25.0	0.8
12	0.9	35.6	28.1	0.9
14	0.7	39.2	25.5	0.8
14	0.8	34.3	29.2	0.9
14	0.9	30.5	32.8	1.1
16	0.7	34.3	29.2	0.9
16	0.8	30.0	33.3	1.1
16	0.9	26.7	37.5	1.2
18	0.7	30.5	32.8	1.1
18	0.8	26.7	37.5	1.2
18	0.9	23.7	42.2	1.4
20	0.7	27.4	36.5	1.2
20	0.8	24.0	41.7	1.3
20	0.9	21.3	46.9	1.5
22	0.7	24.9	40.1	1.3
22	0.8	21.8	45.8	1.5
22	0.9	19.4	51.6	1.7
24	0.7	22.9	43.8	1.4
24	0.8	20.0	50.0	1.6
24	0.9	17.8	56.3	1.8
30	0.8	16.0	62.5	2.0
30	0.9	14.2	70.3	2.3
30	1.0	12.8	78.1	2.5
36	0.8	13.3	75.0	2.4
36	0.9	11.9	84.4	2.7
36	1.0	10.7	93.8	3.0
40	0.9	10.7	93.8	3.0
40	1.0	9.6	104.2	3.3
40	1.1	8.7	114.6	3.7

Fiberglass and Mold

As manufactured, fiberglass insulation is resistant to mold growth. However, mold growth can occur on building materials, including insulation, when it becomes contaminated with organic material and when water is present. To avoid mold growth on fiberglass insulation, remove any water that has accumulated, and correct or repair the source of that water as soon as possible. Insulation that has become wet should be inspected for evidence of residual moisture and contamination, and any insulation that is contaminated should be promptly removed and replaced.

May cause temporary irritation to the skin, eyes, and respiratory tract. Avoid contact with eyes and skin. Wear long-sleeved, loose-fitting clothing, gloves, and eye protection when handling material. Wash with soap and warm water after handling. Wash work clothes separately and wipe out washer.

Achieving the Promised R-Value in Enclosed Cavity Applications

The chart provides nominal R-values at various densities for Owens Corning PROPINK® L77 PINK® Fiberglas™ Loosefill Insulation. Contractors should exercise caution when quoting a specific R-value for blown-in applications. The actual installation may vary substantially from what was initially assumed because actual net coverage per bag and final R-value in any cavity will vary, depending on such factors as actual thickness, actual installed density, and completeness of cavity fill.

The density of blown-in fiberglass loosefill insulation can be verified by sampling the installed material. To do this, a measured core sample of a known volume should be cut from the installed material, then weighed and compared to the column in the chart below labeled "Minimum Weight/ Sq Ft." This process should be repeated several times throughout the house to get a representative sampling. Owens Corning PROPINK® L77 PINK® Fiberglas™ Loosefill Insulation has no formaldehyde binder added.

Fire Hazard

To prevent fire or overheating of recessed light fixtures or similar electrical devices, do not insulate on top of or within 3 inches of such devices unless they are specifically approved to be covered

by insulation. Do not place insulation in air spaces surrounding metal flues, chimneys, or fireplaces. Provide minimum clearances specified in NFPA-31, NFPA- 54, or NFPA-211, or as required by local building codes. In Canada, maintain building, electrical, gas, and oil safety code-required clearances between the insulation and heat-emitting devices, such as fuel-burning appliances, chimneys, pipes, ducts, and vents to these appliances (at least 50 mm) and recessed light fixtures (at least 75 mm).

Environmental and Sustainability

Owens Corning is a worldwide leader in building material systems, insulation, and composite solutions, delivering a broad range of high-quality products and services. Owens Corning is committed to driving sustainability by delivering solutions, transforming markets, and enhancing lives. More information can be found at www.owenscorning.com.

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Notes

For additional information, refer to the Safe Use Instruction Sheet (SUIS) found in the SDS Database via <http://sds.owenscorning.com>.