

JET STREAM® Blowing Insulation

Submittal Date _____



Product Provided Knauf Jet Stream Fiber Glass Blowing Insulation.

Knauf Jet Stream Fiber Glass Blowing Insulation is an unbonded, virgin fibrous glass blowing insulation designed with optimum thermal properties and excellent coverage and handling characteristics. Reference Knauf Jet Stream attic card for coverage and R-value information.

Jet Stream Blowing Insulation is typically installed in open attics of both new and existing structures. It can also be used in retrofit close-cavity applications such as exterior sidewalls or floored attics. Loose fill blowing insulation is intended for use where pneumatic installation is most cost-effective.

When tested in accordance with ASTM E 84 and CAN 4-S102.2, the material has a Fire Hazard Classification of 25/50.

Complies with the requirements of the applicable ASTM and federal specifications:

ASTM C 764, Type I
HH-I-1030B, Type I

Certified for indoor air quality as a low emitting product by The GREENGUARD Environmental Institute™ to both the GREENGUARD Certification Program™ and the more stringent GREENGUARD For Children and Schools™ standard.

Knauf Jet Stream Fiber Glass Blowing Insulation is manufactured with a minimum of 20-30% post consumer recycled glass.

Equipment Required

To achieve labeled R-value, this product must be applied with a pneumatic blowing machine and a corrugated hose with a minimum ¼" internal corrugation, a minimum length of 150' and a diameter of at least 3". Coils in the hose should not be less than 36" in diameter. Acceptable material feed rate is 5-35 lbs./minute. Recommended feed rate is 15-25 lbs./min.

Thermal Performance

The stated thermal resistance (R-value) is provided by installing in accordance with the manufacturer's instructions the required number of bags per 1,000 square feet of net area, at not less than the labeled minimum thickness. Failure to install both the required number of bags and at least the minimum thickness will result in lower insulation R-values. Field blending of this product with other loose fill insulation or application of this product in conjunction with adhesive or binder systems may affect its thermal performance and is not recommended by the manufacturer.

Fiber Glass and Mold

Fiber glass insulation will not sustain mold growth. However, mold can grow on almost any material when it becomes wet and contaminated with organic materials. Carefully inspect any insulation that has been exposed to water. If it shows any sign of mold it must be discarded. If the material is wet but shows no evidence of mold, it should be dried rapidly and thoroughly.

Notes

Knauf Insulation is registered to ISO 9001:2000 in the prevention, detection and correction of problems in production and service areas. The chemical and physical properties of Knauf Blowing Insulation represent typical average values determined in accordance with accepted test methods. The data is subject to normal manufacturing variations. The data is supplied as a technical service and is subject to change without notice. References to numerical flame spread ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions.

Check with your Knauf sales representative to assure information is current.

Cavity Wall Application Bag Net Weight—Nominal 30 lbs., Minimum 29 lbs.

Framing	Cavity Depth	R-Value* To obtain an insulation resistance of:	Density	Bags per 1000 SF The number of bags per 1,000 square feet of net area should not be less than:	Maximum Coverage per Bag Contents of this bag should not cover more than:	Net Minimum Weight per Square Feet The weight per square feet of installed insulation should not be less than:
2"x4"	3.50"	R-13	1.2 lbs./cu. ft.	11.7 bags	85.7 sq. ft.	0.350 lbs.
		R-14	1.5 lbs./cu. ft.	14.6 bags	68.6 sq. ft.	0.438 lbs.
		R-15	2.3 lbs./cu. ft.	22.4 bags	44.7 sq. ft.	0.671 lbs.
2"x6"	5.50"	R-20	1.2 lbs./cu. ft.	18.3 bags	54.5 sq. ft.	0.550 lbs.
		R-22	1.5 lbs./cu. ft.	22.9 bags	43.6 sq. ft.	0.688 lbs.
		R-24	2.3 lbs./cu. ft.	35.1 bags	28.5 sq. ft.	1.054 lbs.
2"x8"	7.25"	R-27	1.2 lbs./cu. ft.	24.2 bags	41.4 sq. ft.	0.725 lbs.
		R-29	1.5 lbs./cu. ft.	30.2 bags	33.1 sq. ft.	0.906 lbs.
		R-31	2.3 lbs./cu. ft.	46.3 bags	21.6 sq. ft.	1.390 lbs.
2"x10"	9.25"	R-34	1.2 lbs./cu. ft.	30.8 bags	32.4 sq. ft.	0.925 lbs.
		R-37	1.5 lbs./cu. ft.	38.5 bags	25.9 sq. ft.	1.156 lbs.
		R-40	2.3 lbs./cu. ft.	59.1 bags	16.9 sq. ft.	1.773 lbs.
2"x12"	11.25"	R-42	1.2 lbs./cu. ft.	37.5 bags	26.7 sq. ft.	1.125 lbs.
		R-45	1.5 lbs./cu. ft.	46.9 bags	21.3 sq. ft.	1.406 lbs.
		R-48	2.3 lbs./cu. ft.	71.9 bags	13.9 sq. ft.	2.156 lbs.

* R means resistance to heat flow. The higher the R-value, the greater the insulating power. To get the marked R-value, it is essential that this insulation be installed properly.



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