

DATA SHEET

Jet Stream® MAX Blowing Insulation

for Canada



DESCRIPTION

Jet Stream® MAX Blowing Insulation is an unbonded fiberglass blowing insulation designed with optimal thermal properties in addition to excellent coverage and blowing characteristics.

CONTRACTOR: _____
JOB: _____
DATE: _____

APPLICATION

- Open attics of both new and existing structures
- Closed cavity applications behind fabric or netting
- BIBS® (Blow-in-Blanket® System) approved fiber
- Loose fill blowing insulation is intended for use where pneumatically installed insulation is most cost-effective

SPECIFICATION COMPLIANCE

- CCMC 13404-L; 13422-R
- ASTM C764; Type I
- HH-I-1030B; Class B

INDOOR AIR QUALITY

- UL Environment
 - GREENGUARD Certified
 - GREENGUARD Gold Certified
 - Validated to be Formaldehyde-Free
- EUCEB Certified

DOING MORE FOR THE WORLD WE LIVE IN.

All of our products are made from sustainable resources, such as recycled glass and sand. And we're proud to be putting glass bottles back to work rather than into landfills. Our products are made with a minimum of 50% recycled glass—totaling an average of 26 million bottles each month.



FIBERGLASS AND MOLD

Fiberglass insulation will not sustain mold growth. However, mold can grow on almost any material when it becomes wet and contaminated. 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. If it shows signs of facing degradation from wetting, it should be replaced.

TECHNICAL DATA		
Property (Unit)	Test	Performance
Corrosion	ASTM C764	Pass
Combustibility	ASTM E136	Non-combustible
Water Vapor Sorption (by weight)	ASTM C1104	5% maximum
Critical Radiant Flux	ASTM E970	Greater than 0.12 W/cm ²
Mold Growth	ASTM C1338	Pass
Surface Burning Characteristics (flame spread/smoke developed)	ASTM E84, CAN 4-S102.2	25/50

THERMAL PERFORMANCE

The stated thermal resistance (R-value) is provided by installing the required number of bags per 1,000 square feet of net area, at not less than the labeled minimum thickness (per the manufacturer's instructions). 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.

EQUIPMENT REQUIRED

To achieve labeled R-value, this product must be applied with a pneumatic blowing machine and a corrugated hose with a minimum 0.25" 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. The recommended feed rate is 15–25 lbs./min. For closed cavity applications, fabric or netting must be applied.

SPECIFICATIONS

See C.C.M.C. Evaluation Listing 13404-L and Evaluation Report 13422-R. Complies with CAN/ULC S702.

OPEN ATTIC APPLICATION									
Thermal Resistance		Min. Installed Thickness		Min. Weight/Unit Area		Max. Coverage/Bag		Bags/Unit Area	
RSI Value	R-Value*	mm	in	kg/m ²	lbs/ft ²	m ²	ft ²	100 m ²	1000 ft ²
1.4	R-8	72 mm	2.85"	0.61	0.125	23.8	256.7	4.2	3.9
1.8	R-10	93 mm	3.66"	0.78	0.160	18.5	199.6	5.4	5.0
2.1	R-12	109 mm	4.27"	0.91	0.187	15.9	171.1	6.3	5.8
2.8	R-16	145 mm	5.70"	1.22	0.249	11.9	128.3	8.4	7.8
3.5	R-20	181 mm	7.12"	1.52	0.311	9.5	102.7	10.5	9.7
4.2	R-24	217 mm	8.55"	1.82	0.374	7.9	85.6	12.6	11.7
4.9	R-28	253 mm	9.97"	2.13	0.436	6.8	73.3	14.7	13.6
5.3	R-30	274 mm	10.79"	2.30	0.471	6.3	67.8	15.9	14.7
5.6	R-32	290 mm	11.40"	2.43	0.498	6.0	64.2	16.8	15.6
6.3	R-36	326 mm	12.82"	2.74	0.560	5.3	57.0	18.9	17.5
7.0	R-40	362 mm	14.25"	3.04	0.623	4.8	51.3	21.0	19.5
7.7	R-44	398 mm	15.67"	3.34	0.685	4.3	46.7	23.1	21.4
8.4	R-48	434 mm	17.10"	3.65	0.747	4.0	42.8	25.2	23.4
8.8	R-50	455 mm	17.91"	3.82	0.783	3.8	40.8	26.4	24.5
9.1	R-52	471 mm	18.52"	3.95	0.810	3.7	39.5	27.3	25.3
9.8	R-56	507 mm	19.95"	4.26	0.872	3.4	36.7	29.4	27.3
10.5	R-60	543 mm	21.37"	4.56	0.934	3.2	34.2	31.5	29.2

Bag Net Weight - Nominal 32 lbs. (14.5 kg.), Minimum 31 lbs. (14.0 kg.)

Design Density = 28.8 kg/m³ (1.8 lbs./ft³).

**"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. If you do it yourself, get instructions and follow them carefully. Instructions do not come with this package.

WALL APPLICATION									
Thermal Resistance		Min. Installed Thickness		Min. Weight/Unit Area		Max. Coverage/Bag		Bags Per/Area	
RSI Value	R-Value*	mm	in	kg/m ²	lbs/ft ²	m ²	ft ²	100 m ²	1000 ft ²
RSI-2.66	R-15	89 mm	3.50"	2.56	0.525	5.7	60.9	17.7	16.4
RSI-4.18	R-24	140 mm	5.50"	4.03	0.826	3.6	38.7	27.8	25.8
RSI-5.49	R-31	184 mm	7.25"	5.30	1.085	2.7	29.5	36.5	34.0
RSI-7.02	R-40	235 mm	9.25"	6.77	1.386	2.1	23.1	46.7	43.4
RSI-8.54	R-49	286 mm	11.25"	8.24	1.687	1.8	18.9	56.8	52.8
RSI-10.06	R-57	337 mm	13.25"	9.71	1.988	1.5	16.1	66.9	62.2

CERTIFICATIONS



Check with your Knauf Insulation Territory Manager to ensure information is current.

The chemical and physical properties of this product represent 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.

This product is covered by one or more U.S. and/or other patents. See patent www.knaufnorthamerica.com/patents

Visit knaufnorthamerica.com to learn more.

KNAUF INSULATION, INC.

One Knauf Drive
Shelbyville, IN 46176

Technical Support
(317) 398-4434 ext. 8727
info.us@knaufinsulation.com