



Jet Stream® MAX

Blowing Insulation for Canada

Product-Data-Sheet

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.

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

Contractor: _____

Job: _____

Date: _____

Indoor Air Quality

- **asthma & allergy friendly®**
- Verified Healthier Air™
- UL Environment
 - GREENGUARD Certified
 - GREENGUARD Gold Certified
 - Validated to be Formaldehyde-Free
- EUCEB Certified

Certifications



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.

Sustainability

We’re proud to be putting glass bottles back to work rather than into landfills. Our products are made with a minimum 50% recycled glass.

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

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

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

SPECIFICATIONS: SEE C.C.M.C. EVALUATION REPORT 13422-R. COMPLIES WITH CAN/ULC-S702.1-14-AMD1.

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.

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.

SPECIFICATIONS: SEE C.C.M.C. EVALUATION LISTING 13404-L. COMPLIES WITH CAN/ULC-S702.1-14-AMD1.

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
2.1	R-12	114 mm	4.5"	0.9	0.18	16.6	178.2	6.0	5.6
2.8	R-16	151 mm	6.0"	1.2	0.24	12.3	132.1	8.1	7.6
3.5	R-20	188 mm	7.4"	1.5	0.31	9.7	104.5	10.3	9.6
4.2	R-24	224 mm	8.8"	1.8	0.37	8.0	86.1	12.5	11.6
4.9	R-28	260 mm	10.2"	2.1	0.44	6.8	73.0	14.7	13.7
5.6	R-32	295 mm	11.6"	2.5	0.51	5.9	63.2	17.0	15.8
6.3	R-36	330 mm	13.0"	2.8	0.58	5.2	55.6	19.4	18.0
7.0	R-40	364 mm	14.3"	3.2	0.65	4.6	49.5	21.7	20.2
7.7	R-44	399 mm	15.7"	3.5	0.72	4.1	44.5	24.2	22.5
8.4	R-48	433 mm	17.0"	3.9	0.79	3.8	40.4	26.6	24.7
8.8	R-50	449 mm	17.7"	4.0	0.83	3.6	38.6	27.9	25.9
9.1	R-52	466 mm	18.4"	4.2	0.87	3.4	36.9	29.1	27.1
9.8	R-56	500 mm	19.7"	4.6	0.94	3.2	34.0	31.7	29.4
10.5	R-60	533 mm	21.0"	5.0	1.02	2.9	31.4	34.3	31.9
11.3	R-64	566 mm	22.3"	5.4	1.10	2.7	29.1	36.9	34.3
12.0	R-68	599 mm	23.6"	5.7	1.18	2.5	27.2	39.6	36.8
12.3	R-70	615 mm	24.2"	5.9	1.22	2.4	26.3	41.0	38.1
12.7	R-72	631 mm	24.9"	6.1	1.26	2.4	25.4	42.3	39.3
13.4	R-76	664 mm	26.1"	6.5	1.34	2.2	23.9	45.1	41.9
14.1	R-80	696 mm	27.4"	7.0	1.42	2.1	22.5	47.9	44.5

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

*"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.

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

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