



ATTICAT® EXPANDING BLOWN-IN INSULATION

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AttiCat® Expanding Blown-In Insulation is an alternative to thermal batt insulation in attics.

Product Features



LOOSEFILL INSULATION



MAINTAINS THERMAL RESISTANCE



NON-COMBUSTIBLE

Basic Uses/Related Uses

- Attics
- Installed with pneumatic equipment

Selection Criteria

- Will not significantly sag or settle over time, ensuring installed thermal resistance is maintained
- Non-combustible
- No weight limit over gypsum sheathing
- Phenol-formaldehyde, perlite, and vermiculite free
- Non-corrosive

Performance Criteria

COMPLIANCE:	Evaluation Report No. 12851-L Type 5	CCMC CAN/ULC-S702
THERMAL:	Refer to product application chart to achieve listed thermal resistance values	CAN/ULC-S702.1-14-AMD1
FIRE:	Non-Combustible Smoulder Resistance Mean Mass Loss ≤ 0.02% Flame Spread 0; Smoke Developed 10	CAN/ULC-S114 CAN/ULC-S129 CAN/ULC-S102.2
MOISTURE:	Fungi Resistance (pass)	ASTM C1338
CORROSION:	Steel, Aluminum, Copper (non-corrosive)	ASTM C665

Technical Information

- Deliver products in their original packages, and store in enclosed shelter.
- Packaging is not UV resistant. Shelter unused packages from the elements.
- Stated thermal resistance 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. Failure by the installer to provide both the required number of bags and at least the minimum thickness will result in lower thermal resistance value.
- 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.
- Building, electrical, fire and other applicable codes shall be complied with. All heat emitting devices, such as fuel burning appliances, chimneys, pipes, ducts and vents to these appliances shall maintain a minimum clearance of 50 mm (2 in.) between these devices and the insulation. Recessed light fixtures, unless designed for the purpose, shall not be installed in insulated ceilings.
- Ensure applicator's personnel wear protective equipment such as breathing mask (dust-proof type mask), eye protection (safety goggles or eye glasses), and skin protection (gloves, long-sleeved shirts, and pants) when handling and applying materials. Wash with soap and warm water after handling. Wash work clothes separately and wipe out washer. For additional information refer to Safe Use Instruction Sheet (SUIS) found in the SDS Database via <http://sds.owenscorning.com>.
- When installing AttiCat® Expanding Blown-In Loosefill Insulation in a thermal application, it is critical that the contractor's crews / homeowner have a general knowledge of construction and framing principles and a full understanding of the pneumatic equipment.
- Additionally, the following items should be considered:
 - Check for possible routes that may allow insulation to escape from cavities and fall into the condition area.
 - Insulating a cavity that does not have an adequate interior vapor retarder and air barrier substantially increases the potential for moisture problems.
 - Check for cavity surfaces which may not be able to withstand pressures created during the blowing process.
 - Where there are soffit vents, take appropriate measures to prevent blown glass fibre insulation from accumulating and blocking the air ventilation and to prevent the insulation from being displaced due to wind penetration through the soffit vents. Install Owens Corning® raft-R-mate® attic vents.

Application Chart

THERMAL RESISTANCE		MINIMUM INSTALLED THICKNESS		MAXIMUM COVERAGE PER BAG		MINIMUM NUMBER OF BAGS		MINIMUM MASS PER UNIT AREA	
RSI	R	mm	inches	m ²	ft ²	per 100 m ²	per 1000 ft ²	kg/m ²	lb/ft ²
2.1	12	114	4.5	15.05	162.0	6.6	6.2	0.90	0.19
2.8	16	151	6.0	11.29	121.5	8.9	8.2	1.20	0.25
3.5	20	189	7.4	9.03	97.2	11.1	10.3	1.51	0.31
4.2	24	227	8.9	7.53	81.0	13.3	12.3	1.81	0.37
4.9	28	265	10.4	6.45	69.4	15.5	14.4	2.11	0.43
5.6	32	302	11.9	5.63	60.7	17.7	16.5	2.41	0.49
6.3	36	337	13.3	4.94	53.2	20.2	18.8	2.75	0.56
7.0	40	372	14.6	4.40	47.4	22.7	21.1	3.09	0.63
7.7	44	407	16.0	3.96	42.6	25.2	23.4	3.43	0.70
8.4	48	442	17.4	3.60	38.8	27.8	25.8	3.78	0.77
8.75	50	458	18.0	3.46	37.2	28.9	26.9	3.93	0.805
9.1	52	477	18.8	3.30	35.5	30.3	28.1	4.12	0.844
9.8	56	511	20.1	3.05	32.9	32.8	30.4	4.45	0.912
10.5	60	546	21.5	2.83	30.5	35.3	32.8	4.80	0.98
11.2	64	581	22.9	2.64	28.5	37.8	35.1	5.15	1.05
11.9	68	615	24.2	2.48	26.7	40.3	37.4	5.48	1.12
12.25	70	632	24.9	2.41	25.9	41.5	38.6	5.65	1.16
12.6	72	650	25.6	2.33	25.1	42.9	39.8	5.83	1.19
13.3	76	684	26.9	2.21	23.7	45.3	42.1	6.17	1.26
14.1	80	724	28.5	2.07	22.3	48.3	44.8	6.56	1.34

Note: Nominal weight of 30.0 lbs and minimum net weight of 28.5 lbs.

To obtain the thermal resistance shown on the chart, this material must be installed at both the thickness and mass per unit area equal to or greater than the minimum value specified.

Application Chart developed in accordance to CAN/ULC-S702.1-14-AMD1

Certifications and Sustainable Features

- Certified by SCS Global services to contain an average 73% recycled content with minimum 64% post-consumer and balance 9% pre-consumer
- GREENGUARD Gold Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg
- UL Environment validated Formaldehyde-Free
- Product specific Type 3 UL Environmental Product Declaration (EPD) and Transparency Brief certified by UL Environment
- Participating in Declare- Living Building Challenge Compliant
- Living Product Challenge Imperative Certified
- Contributes to credits in green building programs such as LEED® and Green Globes. For further information see documents: LEED® v4 for Building Design and Construction and Owens Corning Impact Study - Leadership in Energy and Environmental Design (LEED® v4).



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Environmental and Sustainability

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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>.

Technical Services Available

For Canadian Technical inquiries please contact local representative. See Technical territory map via www.specowenscorning.ca/contacttech.

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