MasterFormat 07 21 16 - Blanket Insulation

PINK NEXT GEN® FIBERGLAS® INSULATION

Owens Corning® PINK NEXT GEN® FIBERGLAS® Insulation is a preformed, unfaced, and flexible blanket insulation designed for friction-fit installation in wood or steel frame cavities. It is produced in RSI (R-values) from 2.1 (R-12) to 9.5 (R-54), with thicknesses ranging from 89 mm (3½") to 406 mm (16").

Basic Uses/Related Uses

- Wood-framed wall, floor, and roof/ceiling cavity wall applications
- Metal-framed wall and floor cavity wall applications
- Interior surfaces of basement and unvented crawl space foundation walls

Selection Criteria

- Excellent thermal control
- Wall cavities
- PINK NEXT GEN® FIBERGLAS® insulation has excellent stiffness and recovery characteristics
- Compression packaging from Owens Corning speeds job site handling and installation

Performance Criteria

COMPLIANCE	CCMC Evaluation Listing No. 05650-L Type 1	CCMC CAN/ULC-S702.1

Additional Performance Information

PROPERTY	VALUE	TEST METHOD
Corrosion of Steel	Pass	C1617
Non-combustibility	Complies	CAN/ULC-S114
Water Vapour Sorption	<5% by weight at 49 °C (120 °F), 95% R.H.	ASTM C1104
Smoulder Resistance Corrosion	Average Mass Loss ≤ 2%, Individual Mass Loss ≤ 3%	CAN/ULC-S129
Surface Burning Characteristics	Flame Spread 0; Smoke Developed 0	CAN/ULC-S102
	Flame Spread 0; Smoke Developed 0	CAN/ULC-S102.2
Fungi Resistance	Pass	ASTM C1338

Maximum Service Temperature 176 °C (350 °F)

Technical Information

- For optimum insulation performance, the building thermal barrier (insulation) should be in continual alignment with the building air barrier. In framed cavities, the product thickness should match the depth of the framing members.
- Follow the local, applicable building code(s) to determine the need for and placement of a vapour retarder.
- 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 51 mm (2") between these devices and the insulation. Recessed light fixtures, unless designed for the purpose, shall not be installed in insulated ceilings.
- Deliver products in their original packages, and store in enclosed shelter.
- Packaging is not UV resistant. Shelter-unused packages from the elements.
- 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.

Availability

THERMAL RESISTANCE		APPLICATION	THICKNESS	WIDTH	LENGTH	COVERAGE/ BAG	
RSI	R					SQ. M.	SQ. FT.
2.1	12[2]	Wood Frame	89 mm (3.5")	279 mm (11")	1219 mm (48")	13.65	146.7
				381 mm (15")	1194 mm (47")	9.10	97.9
					1219 mm (48")	9.29	100.0
				483 mm (19")	1194 mm (47")	11.53	124.0
				584 mm (23")	1194 mm (47")	13.95	150.1
					1219 mm (48")	14.24	153.3
		Steel Frame	92 mm (3.625")	406 mm (16")	1219 mm (48")	9.91	106.7
				610 mm (24")		14.86	160.0
2.4	14	Wood Frame	89 mm (3.5")	381 mm (15")	1194 mm (47")	7.28	78.3
				584 mm (23")		11.16	120.1
		Steel Frame	92 mm (3.625")	413 mm (16.25")	1219 mm (48")	8.05	86.7
3.5/3.3	20/19[2]	Wood Frame	152/140 mm (6"/5.5")	279 mm (11")	1219 mm (48")	10.91	117.3
				381 mm (15")	1194 mm (47")	7.28	78.3
					1219 mm (48")	7.43	80.0
					1346 mm (53")	8.21	88.4
				483 mm (19")	1194 mm (47")	9.22	99.2
				584 mm (23")	1194 mm (47")	11.16	120.1
					1219 mm (48")	11.40	122.7
3.5	20	Steel Frame	152 mm (6")	406 mm (16")	1219 mm (48")	7.93	85.3
				610 mm (24")		11.89	128.0
3.9	22	Wood Frame	140 mm (5.5")	381 mm (15")	1194 mm (47")	4.55	49.0
				483 mm (19")		5.77	62.0
				584 mm (23")		6.97	75.1
4.0	22.5	Steel Frame	152 mm (6")	413 mm (16.25")	1219 mm (48")	5.03	54.2
4.2	24	Wood Frame	140 mm (5.5")	375 mm (14.75")	1194 mm (47")	3.13	33.7
				578 mm (22.75")		4.83	52.0
		Steel Frame	152 mm (6")	413 mm (16.25")	1219 mm (48")	3.52	37.9
4.9	28	Unrestricted Cavity[5]	216 mm (8.5")	381 mm (15")	1219 mm (48")	4.64	50.0
				406 mm (16")		4.95	53.3
				483 mm (19")		5.89	63.4
				610 mm (24")		7.43	80.0
		Cavity Restricted[6]	178 mm (7")	381 mm (15")	1219 mm (48")	2.79	30.0
				584 mm (23")		4.27	46.0
5.4	31	Unrestricted Cavity[5]	235 mm (9.25")	406 mm (16")	1219 mm (48")	3.96	42.7
				610 mm (24")		5.95	64.0
6.1	35	Unrestricted Cavity[5]	267 mm (10.5")	406 mm (16")	1219 mm (48")	3.47	37.3
				610 mm (24")		5.20	56.0
7.0	40[3]	Unrestricted Cavity[5]	300 mm (11.8")	406 mm (16")	1219 mm (48")	2.97	32.0
			300 mm (11.8")	610 mm (24")		4.46	48.0
	40[4]	Unrestricted Cavity[5]	300 mm (11.8")	406 mm (16")		2.97	32.0
			300 mm (11.8")	610 mm (24")		4.46	48.0
9.5	54	Unrestricted Cavity[5]	406 mm (16")	610 mm (24")	1219 mm (48")	3.72	40.0

2 R-12 and R-20 48" long batts for wood frame construction are available in Quebec only. Contact your Area Sales Manager for additional sizes and regional availability. 3 Available in Western Canada. 4 Available in Eastern Canada. 5 Unrestricted Cavity: Available depth of cavity can be greater than insulation thickness. 6 Cavity Restricted: Available depth of cavity is same as insulation thickness.

Certifications and Sustainable Features

- Recycled content certified by SCS Global services. Current information available at https://www.owenscorning.com/en-ca/corporate/sustainability/product-sustainability/product-transparency-standards; see Recycled Content Certification Canada
- 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) has been certified by UL Environment
- Participating in Declare- Living Building Challenge Compliant
- 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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Owens Corning is committed to driving sustainability by delivering solutions, transforming markets, and enhancing lives. More information can be found at www.owenscorning.ca or www.owenscorninglibrary.ca.

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Notes

Fibreglass products may cause temporary skin and mucous membrane itching due to the mechanical abrasion effects of fibres, a condition which is completely reversible.

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RECYCLED CONTENT COUNTS

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Current Ed: 2025-11-30
Previous Ed: 2025-06-01

Pub. No. 501224G. Printed in Canada. November 2025.
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