MasterFormat 09 81 16 - Acoustic Blanket Insulation

QUIETZONE® PINK NEXT GEN® FIBERGLAS® INSULATION

QUIETZONE® PINK NEXT GEN® FIBERGLAS® insulation is flexible, acoustic fiberglass insulation, and is manufactured in thicknesses of 38 mm (1½") to 152 mm (6"). QUIETZONE® insulation is sound absorptive material for various interior load bearing and non-load bearing sound and fire rated wall, ceiling, and floor assemblies. Designed to help control sound transfer by absorbing sound vibrations transmitted through interior walls, ceilings, and floors. Permitted installation within various fire rated assemblies to maintain or achieve fire resistance rating.

Basic Uses

- Designed to control sound transfer transmitted through interior walls, ceilings, and floors.
- Permitted installation within various fire rated assemblies to maintain or achieve fire resistance rating.

Selection Criteria

- Effective long-term acoustical performance by absorbing sound transfer
- PINK NEXT GEN® FIBERGLAS® insulation has excellent stiffness and recovery characteristics
- Designed for friction fit to prevent settlement and slump within cavity
- Compression packaging from Owens Corning eases job site handling
- Non-combustible; dimensionally stable
- Mold resistant and will not corrode steel, copper and aluminum

Standards, Codes Compliance

- Fire Rated Design
  - ULC Classification Code: BZJZC
  - UL Classification Code: BZJZ

Acoustical Performance

ASTM E 90	Airborne Sound Transmission Loss
ASTM E 413	Rating Sound Insulation
ASTM C 423	Sound Absorption Coefficients

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	C1627
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 - Mean Mass Loss	≤ 2%	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	Complies	ASTM C1338

Maximum Service Temperature 176 °C (350 °F)

Availability

APPLICATION	THICKNESS		WIDTH		LENGTH		COVERAGE	
	MM	IN	MM	IN	MM	IN	SQ. FT.	SQ. M.
Wood Stud	38	1.5	381	15	1219	48	190.0	17.7
	65	2.5	381	15	1219	48	160.0	14.9
	89	3.5	584	23	1194	47	195.2	18.1
	89	3.5	381	15	1219	48	110.0	10.2
	152	6.0	381	15	1219	48	80.0	7.4
Metal Stud	38	1.5	406	16	1219	48	202.7	18.8
			610	24			304.0	28.2
	65	2.5	406	16	1219	48	170.7	15.9
			610	24			256.0	23.8
	92	3.625	406	16	1219	48	128.0	11.9
			610	24			192.0	17.8
	152	6.0	413	16.25	1219	48	86.7	8.1
			616	24.25			129.3	12.0
			483	19	1194	47	99.2	9.2

Contact your Area Sales Manager for additional sizes and regional availability

Technical Information

- 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. Not recommended for thermal resistant rated assemblies. Utilize PINK NEXT GEN® FIBERGLAS® thermal batt insulation for those applications.
- 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 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.

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
- 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).

Environmental and Sustainability

Owens Corning is a worldwide leader in building material systems, insulation, and composite solutions, delivering a broad range of high-quality products and services.

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.

Technical Services Available

For Canadian Technical inquiries, please contact our technical team at www.owenscorning.ca/contacttech.

Disclaimer of Liability

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SCS Global Services provides independent verification of recycled content in building materials and verifies recycled content claims made by manufacturers. For more information, visit www.SCSglobalservices.com.

LEED® is a registered trademark of the U.S. Green Building Council.

Notes

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

For additional information, refer to the Safe Use Instruction Sheet (SUIS) found in the SDS Database via http://sds.owenscorning.com

RECYCLED CONTENT COUNTS

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