



FIBERGLAS® Performance Criteria Summary Sheet

		Flat or sloped ceilings, exterior above grade & below grade walls, floor cavities (thermal resistance)	Interior partitions (acoustic and fire rated wall and floor assemblies)	Flat & sloped ceiling or floor cavity	Sloped ceilings or exterior above & below grade walls	Ceiling Acoustic Insulation	Interior wall, ceiling, or suspended ceiling acoustic insulation
		EcoTouch® PINK® FIBERGLAS® Thermal Batt	QuietZone® PINK® FIBERGLAS® Acoustic Batt	ProPINK® FIBERGLAS® Blown	ProPINK® Wall System	SelectSound® Black Acoustic Blanket	SelectSound® Black Acoustic Board
Standard Thicknesses		Table 3 - Typical Physical Properties & Coverage See Data Sheet: Pub #501100	Wood: 38 mm (1.5"), 64 mm (2.5"), 89 mm (3.5"), 140 mm (5.5") Steel: 41 mm (1-5/8"), 64 mm (2.5"), 92 mm (3-5/8"), 152 mm (6")	Table 3 - Application Chart See Data Sheet: Pub #501104	Table Product Data See Data Sheet: Pub #501106	25 mm (1") 51 mm (2")	25 mm (1") 51 mm (2")
Widths		Wood: 381 mm (15") & 584 mm (23") Steel: 406 mm (16") & 610 mm (24")	Wood: 381 mm (15") & 584 mm (23") Steel: 406 mm (16") & 610 mm (24")	N/A	N/A	1219 mm (48") 1824 mm (72")	1219 mm (48")
Lengths		1194 mm & 1219 mm (47" & 48")	1219 mm (48")	N/A	N/A	21.95 m long rolls (70') 15.24 m long rolls (50')	2438 mm (96")
Facing Options		Unfaced	Unfaced	N/A	N/A	Black glass fibre mat (one side)	Black glass fibre mat (one side)
Compliance							
CCMC Listing		05650-L	-	12851-L	13240-R	-	-
CAN/ULC-S702		Complies	Complies	Complies	Complies	-	-
ASTM C665		Complies	Complies	Complies	Complies	-	-
ASTM C553		-	-	-	-	Complies	-
ASTM C613		-	-	-	-	-	Complies
Physical Properties							
Thermal Resistance	CAN/ULC-S702	Complies	N/A	Complies	Complies	N/A	N/A
Corrosiveness	ASTM C665	Pass	Pass	-	-	Pass	Pass
Fungi Resistance	ASTM C1338	Does not support mold growth and meets fungal resistance criteria					
Air Erosion	UL 181	Complies	Complies	N/A	N/A	-	-
Compressive Strength Pa (lb/ft²)	ASTM C165	N/A	N/A	N/A	N/A	N/A	1197 ^a 4309 ^b
Nominal Density kg/m³ (lb/ft³)	ASTM C167 ASTM C303	N/A	N/A	N/A	N/A	24 (1.5)	48 (3.0)
Physical Properties							
Combustibility	CAN/ULC-S114	Non-combustible	Non-combustible	Non-combustible	Non-combustible	-	-
Surface Burning Characteristics (Vertical Applications)	CAN/ULC-S102	FS = 0 SD = 0	FS = 0 SD = 0	N/A	FS = 0 SD = 5	FS = <25 SD = <50	FS = <25 SD = <50
Surface Burning Characteristics (Horizontal or Sloped Applications)	CAN/ULC-S102.2	FS = 0 SD = 0	FS = 0 SD = 0	FS = 0 SD = 10	N/A	N/A	N/A
Smoulder Resistance	CAN/ULC-S129	-	-	Meets requirements	Meets requirements	-	-
National Building Code of Canada (Fire Rated Assemblies)		Complies	Complies	Complies	Complies	N/A	N/A
UL/ULC Fire Rated Assemblies		Complies	Complies	Complies	Complies	N/A	N/A
Maximum Service Temperature		176 °C (350 °F)	176 °C (350 °F)	176 °C (350 °F)	176 °C (350 °F)	121 °C (250 °F)	121 °C (250 °F)
Insulation Jacket Temperature Limitation	ASTM C1136	N/A	N/A	N/A	N/A	N/A	N/A
Acoustic Performance							
National Building Code of Canada (Acoustic Insulation)		N/A	Complies	Complies	N/A	Complies	Complies
Noise Reduction Coefficient		N/A	0.85: 64 mm (2.5") 1.05: 89 mm (3.5") 1.10: 152 mm (6")	N/A	N/A	0.7: 25 mm (1") 1.0: 51 mm (2")	0.7: 25 mm (1") 1.0: 51 mm (2")
Moisture Performance							
Water Vapour Sorption	ASTM C1104	<5% by weight at 49 °C (120 °F), 95% R.H.					
Jacket Permeance	ASTM E96, Proc. A	N/A	N/A	N/A	N/A	N/A	N/A
Sustainability & Environmental							
SCS Certification Recycled Content (Scientific Certification Systems) ^a		73%	73%	73%	73%	57%	-
UL GREENGUARD Certification		Gold	Gold	Gold	Gold	-	-
UL Formaldehyde-Free - Claim Validation		Complies	Complies	Complies	Complies	-	-
Cradle to Cradle Material Health Certificate		Gold	Gold	Gold	Gold	-	-
UL Environmental Product Declaration		Available	Available	Available	Available	-	-
UL Environmental Transparency Brief		Available	Available	Available	Available	-	-
Declare Label		Available	Available	Available	Available	-	-
Living Product Challenge		Available	Available	-	-	-	-

(a) at 10% deformation (b) at 25% deformation



FIBERGLAS® Product Applications



EcoTouch® PINK® FIBERGLAS® Thermal Batt Insulation: Preformed, unfaced, and flexible blanket insulation designed for friction-fit installation in wood or steel frame cavities. It is produced in R-values from 12 to 54.



QuietZone® PINK® FIBERGLAS® Acoustic Batt Insulation: 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. QuietZone® batts are non-combustible, non-corrosive, non-deteriorating, and mold resistant.



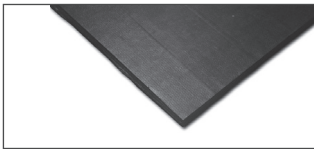
ProPink® FIBERGLAS® Blown Insulation: Glass fiber blown loosefill thermal insulation installed in flat or sloped (max. 4.5:12) ceiling assembly with commercial pneumatic equipment. Thermal resistance is based on thickness of insulation installed, values are noted in Application chart from product data sheet. Product can also be installed within a floor assembly to enhance acoustical properties of the assembly.



ProPink® Wall Insulation System: Glass fiber blown loosefill thermal insulation installed in wall or ceiling assemblies with commercial pneumatic equipment, non-woven fabric, and Inspect-R® density gauge. Thermal resistance is based on thickness of cavity and blown density.



SelectSound® Black Acoustic Blanket Insulation: Inorganic grey/black glass fibre product with a black glass fibre mat surface on one side manufactured from recycled materials. It is excellent for eliminating light reflections while providing outstanding acoustical performance.



SelectSound® Black Acoustic Board Insulation: Semi-rigid grey/black glass fibre product with a black glass fibre mat surface on one side. The black surface is ideal for eliminating screen light reflections, enhancing acoustical performance, and preventing insulation from showing through most surface treatments.

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*Recycled content is based on the average recycled glass content in all Owens Corning fiberglass batts, rolls and unbonded loosefill insulation manufactured in Canada, SCS certified. GREENGUARD 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 claim validations lend third-party credibility to single-attribute environmental claims. Certified Thermal Insulation Material CCD-016.