09 81 16.16.OCC
EcoTouch™ QuietZone® PINK™ FIBERGLAS® Acoustic Insulation

Product Data Sheet

PRODUCT DESCRIPTION

PINK acoustic batt insulation fabricated from inorganic glass fibres. EcoTouch™ QuietZone® PINK™ FIBERGLAS® Acoustic Insulation with PureFiber™ Technology is designed to help control noise by absorbing sound vibrations transmitted through walls, interior partitions, floors and ceilings. Over 70%* recycled content. Made with natural** materials and formaldehyde-free.

It is **non-combustible** per CAN4-S114. Furthermore, it is ULC listed and labelled and can be used in ULC[1] non-load bearing fire rated assemblies shown without insulation in the cavity, with a fire resistance not exceeding 2 hours (refer to TABLES 2-7).

[1] Authorizing documentation can be found in the section entitled Walls and Partitions, pages 4-5 ULC Guide - List of Equipment and Materials, Fire Resistance (2007 Edition).

Dimensionally stable, it is not susceptible to rot or mildew and will not corrode steel, copper and aluminum.

Recommended Uses

In various wall, partition, floor and ceiling assemblies, with or without fire resistance, but requiring a sound transmittance coefficient (STC) rating:

- Between wood or steel stud framing faced with gypsum boards.
- Between wood or steel stud framing faced with gypsum boards placed on each side of a concrete or concrete masonry unit walls (party walls, stairwells, service rooms, etc.).
- Between wood or steel joists in floors and ceilings.

Glass fibre insulation is GREENGUARD and SCS certified for its "green" content (refer to TECHNICAL DATA) and can contribute to obtaining LEED® Certification credits when used in a building submitted to the LEED® Canada NC and CS 2009 (refer to TABLE 7).

Limitations

Owens Corning does not recommend using EcoTouch™ QuietZone® PINK™ FIBERGLAS® Acoustic Insulation in the following locations:

- In ceiling plenums or under raised flooring used as air returns where the air velocity exceeds 500 fpm use SelectSound® Black Acoustic Blanket described in Data Sheet 09 81 16.16.OCC SelectSound® Blanket). Most plenums will have velocities well below 500 fpm.
- Where it is impossible to provide clearances required by Codes and Regulations (building, electrical, gas and oil) between the required acoustic insulation and heat-emitting appliances, chimneys, pipes, conduits and vents to these appliances (at least 50 mm) and between insulation and recessed light fixtures which are not encased in CSA-approved insulated boxes (at least 75 mm).

Components

PINK colour, bonded glass fibre manufactured from recycled materials obtained from two sources:

- "Post-consumer": glass materials recycled from construction sites (demolition work, new construction and renovation) and from consumers' "blue boxes".
- "Post-industrial" (or "pre-consumer"): glass recycled from glass manufacturing plants' waste (glass containers, flat glass and others).

Includes materials that contribute to the reduction of dust and static electricity, ensuring a clean and easy installation.

TECHNICAL DATA

Applicable Codes and Standards

National Building Code of Canada Volume 2, (most current edition)

- Refer to Appendix A: Paragraph A-9.10.3.1 Fire and Sound Resistance of Building Assemblies Table A-9.10.3.1.A – Fire and Sound Resistance of Walls and Table A-9.10.3.1.B – Fire and Sound Resistance of Floors, Ceilings and Roofs

Canadian Standards (Underwriters Laboratories of Canada (ULC))

- CAN/ULC-S702, Standard for Thermal Insulation, Mineral (*Glass*) Fibre, for Buildings (supersedes CSA A101-M1983); Type 1, pre-formed insulation
- CAN/ULC-S102, Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies
- CAN/ULC S102.2, Standard Test for Surface Burning Characteristics of Flooring, Floor Coverings and Miscellaneous Materials and Assemblies
- ASTM C1338, Standard Test Method for Determining Fungi Resistance of Insulation Materials and Facings
- ASTM C665, Specification for Mineral-Fibre Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing (Corrosion resistance criteria)
- CAN4-S114, Standard Method of Test for Determination of Non-Combustibility in Building Materials; Type 1 pre-formed glass

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INNOVATIONS FOR LIVING®

Product Data Sheet

TABLE 1 Physical Properties

Properties	CAN/ULC-S702 requirements for pre-formed unfaced insulation[1]	EcoTouch™ QuietZone® PINK™ FIBERGLAS® Acoustic Insulation
Thickness	Mean thickness ≥ design thickness and none of the individual thickness less than 90% of the design thickness.	Complies
Width	– 0%, + 3%	Complies
Length	– 1%, + 3%	Complies
Surface burning characteristics 1) CAN/ULC S102 for vertical applications:	Flame spread classification max 25; smoke developed max 50.	Flame spread: 0 Smoke developed: 0
2) CAN/ULC S102.2 for horizontal or sloped applications	Flame spread classification max 25; smoke developed max 50.	Flame spread: 0 Smoke developed: 0
Smoulder resistance	The mean mass loss shall not exceed 5% and none of the individual samples shall exceed 10%.	Complies
Corrosiveness CAN S702 requirements:	Specimens shall not exhibit corrosion and meet corrosion criteria in ASTM C665	Pass
Fungi Resistance:	Specimens shall not exhibit growth greater than that of comparative item	Does not support mold growth and meets fungal resistance criteria of ASTM C1338

[1] Physical properties indicated in CAN/ULC-S702, TABLE 2, apply except for thermal resistance and resistivity.
Maximum Service Temperature 350 deg. F (176 deg. C)

fibre thermal insulation meets the requirements of this standard

- Meets UL 181 air erosion test (Max. 1000 feet per minute for plenum applications)
- List of Equipment and Materials, Building Materials, 2007 Edition, Underwriters Laboratories of Canada

National Research Council (NRC) of Canada

- Summary Report for Consortium on Gypsum Board Walls: Sound Transmission Results, internal report IRC-IR-693
- Gypsum Board Walls: Transmission Loss Data, internal report No. IRC-IR-761

Testing Laboratories

- National Research Council of Canada's acoustical laboratory
- Owens Corning Acoustic Laboratory (W & OC), Granville, Ohio & Acculab Consultants in Acoustics, Columbus Ohio
- Riverbank Acoustic Laboratory (RAL)

Health Canada/Workplace Hazardous Materials Information System (WHMIS). Visit www.owenscorning.ca for the most current copy of the Material Safety Data Sheet (MSDS) 01-S for "Low Density Fiber Glass Insulation-unfaced".

Sound Transmission Coefficients and fire resistance ratings of steel stud and concrete masonry unit wall assemblies with EcoTouch™ QuietZone® PINK™ FIBERGLAS® Acoustic Insulation.

TABLE 2[1] – Steel Stud Framing (3-5/8" or 6" filled cavities)

Interior Finishes[2]	25 Gauge Steel Stud Spacing	Resilient Channels	Cavity Insulation EcoTouch™ QuietZone®	STC Value (NLB)	Assembly ID CNRC report IRC-IR-693[9]	Fire Rating (LB[7] or NLB[8])	References NBC[6], ULC[1a] or UL[1b]
(1-1) 5/8" Type X Gyp	16" or 24" o.c.	None	None	38	TL-92-418[9]/ TL-92-376[9]	1 h NLB	W407[1a][3] or W453[3]
(1-1) 1/2" Type X Gyp	16" or 24" o.c.	None	3-5/8"	46/48	TL-93-344[9]/ TL-92-410[9]	45 min NLB or LB[0]	W413[1a] or UL-U423[1b][0]
(1-1) 5/8" Type X Gyp	16" o.c.	None	3-5/8"	49	TL-93-325[9]	1 h NLB	W407[1a][3] or W453[3]
(1-1) 5/8" Type X Gyp	24" o.c.	None	3-5/8"	50	TL-93-324[9]	1 h NLB or LB[0]	W407[1a][3], W415[1a][3], W453[3] or UL-U423[1b][0]
(1-1) 5/8" Type X Gyp	16" o.c.[4]	@ 24" o.c.	3-5/8"	50 (LB)	TL-93-354[9]	1 h LB[0]	UL-U423[1b][0]
(1-1) 5/8" Type X Gyp	16" or 24" o.c	None	6"	51	NBC-S7a[6]/ TL-93-298[9]	1 h NLB	W453[3], W407[1a][3]/W409[1a]
(1-2) 1/2" Type X Gyp	16" o.c. or 24" o.c.	None	3-5/8"	50/52	TL-92-426[9]/ TL-92-411[9]	1 h NLB	NBC-S5d[6]/NBC-S5C[6]
(1-2) 5/8" Type X Gyp	16" o.c.	None	3-5/8"	52	TL-92-420[9]	1 h NLB or LB[0]	BNC S5b[6], W453[3] or UL-U423[1b][0]
(1-2) 5/8" Type X Gyp	24" o.c.	None	3-5/8"	54	TL-92-368[9]	1 h NLB or LB[0]	NBC-S5a[6], W453[3] or UL-U423[1b][0]
(1-2) 5/8" Type X Gyp	16" o.c.[5]	@ 24" o.c.	3-5/8"	54 (LB)	TL-94-019[9]	1 h LB[0]	UL-U423[1b][0]
(2-2) 1/2" Type X Gyp	16" or 24" o.c.	None	3-5/8"	54	TL-92-424[9]/ TL-92-412[9]	2 h NLB	W453[3] or W414[1a][3]
(2-2) 5/8" Type X Gyp	16" or 24" o.c.	None	3-5/8"	56/57	TL-93-351[9]/ TL-92-369[9]	2 h NLB or LB[0]	NBC-S6b[6]/ S6ab[6], W453[3], UL-U423[1b][0] or W414[1a][3]

TABLE 3[1] – Steel Stud Framing (2-1/2")

Interior Finishes[2]	25 Gauge Steel Stud Spacing	Resilient Channels	Cavity Insulation EcoTouch™ QuietZone®	STC Value (NLB)	Assembly ID CNRC report IRC-IR-693[9] or NBC 1995[6]	Fire Rating (LB[7] or NLB[8])	References NBC[6] or ULC[1a]
(1-1) 5/8" Type X Gyp	16" o.c or 24" o.c	None	None	35	TL-93-057[9]/ TL-93-032[9]	1 h NLB	ULC W407[1a]
(1-1) 5/8" Type X Gyp	16" o.c or 24" o.c	None	2-1/2"	39/44	TL-93-058[9]/ TL-93-033[9]	1 h NLB	ULC W409[1a]
(1-2) 5/8" Type X or C Gyp	24" o.c	None	2-1/2"	51	TL-93-036[9]	1 h NLB	ULC W409[1a] or W484[1a]
(2-2) 5/8" Type X Gyp	16" o.c	None	2-1/2"	51	NBC No. S3b[6]	2 h NLB	NBC No. S3b[6] or W453[3]
(2-2) 5/8" Type X Gyp	24" o.c	None	2-1/2"	54	NBC No. S3a[6]	2 h NLB	NBC No. S3a[6] or W453[3]

TABLE 4[1] – Single Wood Studs (3-1/2")

Interior Finishes[2]	Spacing for 3-1/2" Wood Studs	Resilient Channels	Cavity Insulation EcoTouch™ QuietZone®	STC Value (NLB)	Fire Rating (LB[7] or NLB[8])	References NBC[6]
(1-1) 1/2" Type X Gyp	16" or 24" o.c	None	3-1/2"	34	3/4 h LB or NLB	NBC No. W1b[6]
(1-1) 5/8" Type X Gyp	16" or 24" o.c	None	3-1/2"	36	1 h LB or NLB	NBC No. W1a[6]
(1-2) 5/8" Type X Gyp	16" o.c	@ 16" or 24" o.c.	3-1/2"	51	3/4 h LB 1h NLB	NBC No. W5a[6]
(1-2) 5/8" Type X Gyp	24" o.c	@ 16" or 24" o.c.	3-1/2"	54	3/4 h LB 1h NLB	NBC No. W5b[6]
(2-2) 5/8" Type X Gyp	16" or 24" o.c	None	3-1/2"	38	1.5 h LB 2 h NLB	NBC No. W2a[6]
(2-2) 5/8" Type X Gyp	16" or 24" o.c	@ 16" o.c.	3-1/2"	55	1.5 h LB 2 h NLB	NBC No. W6a[6]
(2-2) 5/8" Type X Gyp	16" or 24" o.c	@ 24" o.c.	3-1/2"	58	1.5 h LB 2 h NLB	NBC No. W6b[6]

TABLE 5[1] – Double Wood Studs (3-1/2") with 1" (min.) Air Space in between 2 Layers

Interior Finishes[2]	Spacing for 2 Rows of 3-1/2 Wood Studs	Resilient Channels	Cavity Insulation EcoTouch™ QuietZone®	STC Value (NLB)	Fire Rating (LB[7] or NLB[8])	References NBC[6]
(1-1) 5/8" Type X Gyp	16" or 24" o.c.	None	3-1/2" on each side	57	1 h LB or NLB	NBC No. W13a[6]
(1-2) 5/8" Type X Gyp	16" or 24" o.c.	None	3-1/2" on each side	61	1 h LB or NLB	NBC No. W14a[6]
(2-2) 5/8" Type X Gyp	16" or 24" o.c.	None	3-1/2" on each side	66	1.5 h LB 2 h NLB	NBC No. W15a[6]

TABLE 6 – Double Steel Stud Wall (2-1/2" and 3-5/8") With 1" (25 mm) minimum Air Space in Between 2 Layers

Interior Finishes[2]	Spacing for 2 Rows of Steel Studs	Resilient Channels	Cavity Insulation EcoTouch™ QuietZone®	STC Value (NLB)	Fire Resistance	Reference Assembly No. NRC Report IRC-IR-761[10]
(1-1) 1/2" Type X Gyp	2-1/2" studs @ 24" o.c.	None	2-1/2" on each side	54		TL-93-303[10]
(1-1) 5/8" Type X Gyp	3-1/2" studs @ 24" o.c.	None	3-5/8" on each side	55	1 h per ULC W449 (LB) and 1h per ULU U493 (NLB)	TL-93-300[10]
(1-2) 1/2" Type X Gyp	2-1/2" studs @ 24" o.c.	None	2-1/2" on each side	60		TL-93-304[10]
(1-2) 5/8" Type X Gyp	3-1/2" studs @ 24" o.c.	None	3-5/8" on each side	61	1 h per ULC W449 (LB) and 1h per ULU U493 (NLB)	TL-93-301[10]
(2-2) 1/2" Type X Gyp	2-1/2" studs @ 24" o.c.	None	2-1/2" on each side	62		TL-93-305[10]
(2-2) 5/8" Type X Gyp	3-1/2" studs @ 24" o.c.	None	3-5/8" on each side	64	2h per ULC W449 (LB) and 2h per ULU U493 (NLB)	TL-93-302[10]

TABLE 7[1] – Concrete Masonry Unit Walls With Wood or Steel Stud Framing on Each Side

Normal Depth CMU	Interior Finishes[2]	Stud Framing on Each Side of Wall	Stud Spacing	Cavity Insulation EcoTouch™ QuietZone®	STC Value	Fire Rating (LB[7] or NLB[8])	References NBC[6]
6" (140 mm)	[2](1-1) 5/8" or 1/2"Type X	1-1/2" x 1-1/2" (38 x 38 mm) Wood Framing	24" o.c	1-1/2"	57	2h LB or NLB	NBC No. B6a[6]
8" (190 mm)	[2](1-1) 5/8" or 1/2"Type X	1-1/2" x 1-1/2" (38 x 38 mm) Wood Framing	24" o.c	1-1/2"	60	3h LB or NLB	NBC No. B6c[6]
8" (190 mm)	[2](1-1) 1/2" Type X	1-1/2" x 1-1/2" (38 x 38 mm) Wood Framing	24" o.c	1-1/2"	59	2.5h LB or NLB	NBC No. B6d[6]
8" (190 mm)	[2](1-1) 5/8" Type X	1-1/2" x 1-1/2" (38 x 38 mm) Wood Framing	24" o.c	1-1/2"	60	3h LB or NLB	NBC No. B6c[6]
8" (190 mm)	[2](1-1) 5/8" Type X	1-1/2" x 2-1/2" (38 x 64 mm) Wood Framing	24" o.c	2-1/2"	71	3h LB or NLB	NBC No. B8a[6]
8" (190 mm)	[2](1-1) 1/2" Type X	1-1/2" x 2-1/2" (38 x 64 mm) Wood Framing	24" o.c	2-1/2"	70	2.5h LB or NLB	NBC No. B8b[6]
8" (190 mm)	[2](1-1) 5/8" Type X	1-1/4" x 2-1/2" (32 x 65 mm) Steel Framing	24" o.c	2-1/2"	71	3h LB or NLB	NBC No. B7a[6]
8" (190 mm)	[2](1-1) 1/2" Type X	1-1/4" x 2-1/2" (32 x 65 mm) Steel Framing	24" o.c	2-1/2"	70	2.5h LB or NLB	NBC No. B7b[6]

[6] Only UL-U423 is a (LB) load bearing design
[1] ULC listing on page 18 of ULC List of Equipment and Materials, Building Materials (most recent edition) Owens Corning PINK™ FIBERGLAS® Insulation for Steel Stud Walls is also listed.
[1a] W-# assembly from ULC List of Equipment and Materials, Fire Resistance (2007 Edition).
[1b] U-# assembly from Underwriters Laboratories Inc, Fire Resistance Directory, volume 1 (most recent edition).
[2] (1-1) describes a single layer of gypsum board on each side of stud wall; (1-2) describes a single layer of gypsum board on one side of a stud wall with two layers on the other side of the same stud wall; (2-2) describes two layers of gypsum board on each side of a stud wall.
[3] Permission documentation is in the second and fourth sentences of the section entitled Walls and Partitions on page 4 of ULC Guide - List of Equipment and Materials, Fire Resistance (2007 Edition).
[4] STC tested with 18 Gauge loadbearing steel stud framing.
[5] STC tested with 20 Gauge loadbearing steel stud framing.
[6] Assembly references taken from Table A-9.10.3.1.A, NBC (most recent edition).
[7] LB: Loadbearing.
[8] NLB: Non-Loadbearing.
[9] Summary Report for Consortium on Gypsum Board Walls: Sound Transmission Results, NRC, October 1995; Internal Report N0. IRC-IR-693.
[10] Gypsum Board Walls: Transmission Loss Data, NRC, March 1998; Internal Report No. IRC-1R-761.

Certification by Independent Third Party Agencies – Recycled Content and Indoor Air Quality Standards

SCS Certification (Scientific Certification Systems) for recycled materials content.

Certification based on the Environmental Claims Certification Program:

- 50% minimum certified recycled materials content distributed as follows:
  - 35% "post-industrial" (or "pre-consumer") recycled materials content; average for all North American manufacturing plants;
  - 15 % "post consumer" recycled materials content.

Visit www.scscertified.com for a current copy of the "Certificate of Achievement" for *Glass Fiber Insulation Products* (various forms and sizes) manufactured by

Owens Corning.

EcoTouch™ QuietZone® PINK™ FIBERGLAS® Acoustic Insulation is GREENGUARD Certified℠ to meet stringent indoor air quality standards.

Certification is in accordance with the GREENGUARD Product Emission Standard for Children & Schools:

- VOCs < 1/100 TLV and < ½ CA chronic REL
- Formaldehyde < 0.0135 ppm/ 13.5 ppb
- Total VOCs < 0.22 mg/m³
- Total Aldehydes < 0.043 ppm/ 43 ppb
- Respirable particles < 0.01 mg/m³
- Total Particles (< 10µm) < 0.02 mg/m³

Visit www.greenguard.org for a current copy of the "GREENGUARD Indoor Air Quality Certified℠" certification: Owens Corning PINK™ FIBERGLAS® thermal/ acoustical insulation".

Recycled materials content declared by Owens Corning Canada for its Canadian manufacturing facilities

The average recycled materials content is at least 70% for the following Canadian manufacturing facilities:

- Toronto (Ontario):
  - 15% "post-industrial" (or "pre-consumer") recycled materials;
  - 55% + "post-consumer" recycled materials.
- Edmonton (Alberta):
  - 15% "post-industrial" (or "pre-consumer") recycled materials;
  - 55% + "post-consumer" recycled materials.

CONTRIBUTION TO LEED® CANADA CERTIFICATION

TABLE 8: Contribution of Owens Corning Canada's manufactured acoustic insulation towards LEED® Canada NC and CS 2009 credits[1]

Category and performance criteria	Requirements to meet to obtain a voluntary credit	Insulation's contribution to the performance	Additional comments
MR (Materials and Resources) Credit 4 for recycled materials content.[3]	Anticipated energy cost reduction compared to MNECB[2] or ASHRAE 90.1-2007: 1-19 points for NC, 3 to 21 points for CS, based on % reduction.	EcoTouch™ QuietZone® PINK™ FIBERGLAS® Acoustic Insulation (Toronto 15% post-industrial, 55% + post-consumer; Edmonton 15% post-industrial, 55% + post-consumer).	Recycled content certifications by Scientific Certification Systems for EcoTouch™ QuietZone® PINK™ FIBERGLAS® Acoustic Insulation (>50% North American average). Minimum 70% average for Canadian manufacturing plants.
MR (Materials and Resources) Credit 5 for locally or regionally produced materials.	Use building materials/ products extracted, harvested, recovered & processed within 800 km (2,400 km if shipped by rail or water) of the final manufacturing site. Demonstrate final manufacturing site is within 800 km (2,400 km if shipped by rail or water) of project site for these products: 1 point for at least 20% and 2 points for at least 30%.	Canadian insulation products originating from the 2 Fiber glass plants (Toronto, Edmonton) contribute towards credits for this category.	Verify with local sales representatives to determine the product's origin.

(1) Refer to the LEED® Canada for new construction and major renovations 2009, as promoted by the CaGBC.

(2) Model National Energy Code for Buildings 1997.

(3) The recycled content of a material or furniture must be determined by dividing the weight of the recycled content of the item by the total weight of the whole item, then by multiplying the resulting ratio by the total cost of the item.

TABLE 9 – EcoTouch™ QuietZone® Acoustic Batt Coverage Table

Framing type and stud spacing	Width in. (mm)	Length in. (mm)	Thickness in. (mm)	Coverage per package ft² (m²)
Wood Stud Framing				
16" (406 mm) o.c.	15 (381)	48 (1219)	1-1/2" (38)	190 (17.65)
16" (406 mm) o.c.	15 (381)	48 (1219)	3-1/2" (89)	110 (10.22)
24" (610 mm) o.c.	23 (584)	48 (1219)	3-1/2" (89)	168.6 (15.66)
16" (406 mm) o.c.	15 (381)	48 (1219)	6" (152)	80 (7.43)
Steel Stud Framing				
16" (406 mm) o.c.	16 (406)	48 (1219)	1-5/8" (41)	202.5 (18.81)
16" (406 mm) o.c.	16 (406)	48 (1219)	2-1/2" (64)	170.4 (15.84)
16" (406 mm) o.c.	16 (406)	48 (1219)	3-5/8" (92)	128.0 (11.89)
16" (406 mm) o.c.	15 (381)	48 (1219)	6" (152)	80 (7.43)
24" (610 mm) o.c.	24 (610)	48 (1219)	1-5/8" (41)	304.0 (28.25)
24" (610 mm) o.c.	24 (610)	48 (1219)	2-1/2" (64)	256 (23.79)
24" (610 mm) o.c.	24 (610)	48 (1219)	3-5/8" (92)	192 (17.84)
24" (610 mm) o.c.	24 1/4 (616)	48 (1219)	6" (152)	129.3 (12.01)

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Product Data Sheet

IDENTIFICATION AND AVAILABLE SIZES

Package Identification

Each bag of insulation is labeled with information as required by CAN/ULC-S702

Sizes and Coverage

Pre-cut batts to the following dimensions:

- Width: 15 in. and 23 in. for wood stud framing and 16 in. and 24 in. for steel stud framing.
- Standard length: 48 in. (1219 mm)
- Standard thicknesses: Wood Studs – 1.5" (38 mm), 2.5" (64 mm), 3.5" (89 mm) and 5.5" (140 mm) Steel Studs – 1-5/8" (41 mm), 2.5" (64 mm), 3-5/8" (92 mm) and 6" (152 mm)

APPLICATION

Safety Measures: Applicator Protection

Ensure applicator's personnel wears protection equipment such as breathing masks (dust-proof type masks prescribed in Material Safety Data Sheet), face and eye protection (safety goggles or eye glasses) and skin protection (gloves, long-sleeved shirts and pants). Consult the Product Safety Data Sheet (MSDS) (see above).

Preparation

Ensure voids to be filled with acoustic batts have been inspected, notably:

- mechanical and electrical service lines passing in or through the wall cavities; and
- acoustic sealant application to seal all perforations and joints in support materials and between support materials and adjacent building components.

Installation

Carefully adjust acoustic batts as follows:

- Completely fill all voids between studs with acoustic batts. At least 90% of stud cavity must be filled with acoustic insulation to meet STC ratings for wall assemblies listed in the National Building Code of Canada 1995 and 2005, Table A-9.10.3.1.A – "Fire and Sound Resistance of Walls".
- Trim acoustic batts with a utility knife to fit around cables, electrical service and junction boxes, pipes and other obstacles.

Humidity

Wet insulation should be replaced or left to dry by providing an adequate air circulation. If the insulation is not compressed, it can recover to its initial thickness and regain its acoustical performance.

AVAILABILITY AND COST

Cost Estimates

Cost estimates are readily available from a physical description consisting of drawings and a brief specification based on the information contained in this Product Data Sheet. For more information on product availability or costs, contact your regional technical support representative.

TECHNICAL SERVICES

Owens Corning publishes many technical bulletins and offers in-depth consultation services and dew point analysis to help you select the appropriate products for your designs and prepare details, and specifications. For more information, contact an Owens Corning Canada regional technical support representative.

QUALITY CONTROL

Owens Corning regularly submits its products to independent agencies that certify their environmental quality in terms of:

- Toxic chemical and volatile particle emissions affecting indoor air quality and the ozone layer.
- Recycled materials content.

INFORMATION CLASSIFICATION SYSTEM

Architectural specifications

Classification in accordance with MasterFormat™ 2004 (level 4) published by CSC-DCC and CSI. Selected number and title are **09 81 00.16 – Glass Fibre Acoustic Insulation.**

Data Sheet

Classification in accordance with MasterFormat™ 2004 (level 5) published by CSC-DCC and CSI. Selected number **09 81 16.16.OCC EcoTouch™ QuietZone®** corresponds to Owens Corning Canada (OCC) classification for EcoTouch™ QuietZone® PINK™ FIBERGLAS® Acoustic Insulation.

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*Based on the average recycled glass content in all Owens Corning fiberglass batts, rolls and unbonded loosefill insulation manufactured in Canada.
**Made with a minimum of 96% by weight natural materials consisting of minerals and plant-based compounds.

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