



The OFI Group consists of three companies, Ottawa Fibre Inc.(OFI), Redcliff Industries Ltd., and VIB Inc. OFI began manufacturing fiber glass insulation products in 1980 and has led the way for the growth and development of the other two members. Together, the group sells and distributes products throughout North America and off shore around the world.



MEMBER / MEMBRE

The OFI Group produce a variety of fiber glass insulation products for the residential, commercial, industrial and OEM markets in both Canada and the United States. These products are designed for thermal and acoustical control in both new and retrofit construction. For the most part, these products are supplied through independent regional distributors that service the construction industry.

The OFI Group also exports its products offshore to various countries around the world.

Using high levels of recycled glass content since 1986 to manufacture its products, the OFI Group complies, meets and satisfies various product standards including UL, ULC, ASTM, NAHB, MEA, CGSB, Canadian Coast Guard, MIL Std, Fed. Spec. to name a few.

The OFI Group has a centralized Logistics/Customer Service Department that co-ordinates customer requirements from order entry through production scheduling to shipping and delivery and services customers throughout all time zones in Canada and the United States.

With a small but well seasoned sales staff, the OFI Group provides quick, knowledgeable and professional sales and marketing support in a friendly and timely manner.



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Ottawa Fibre Inc.



VIB Inc.



OFI Fiber Glass Insulation is an ENERGY STAR® qualified product as part of the Home Sealing effort.



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RESIDENTIAL BUILDING INSULATION

Fiberglass batts containing high recycled glass content designed for use in thermal and acoustical applications are manufactured in standard r-values and high density r-values for both the Canadian and American markets. Known as "OFI" brand in Canada and "Golden Glow" in the United States, these products are used for new home construction, renovations and upgrades.

2

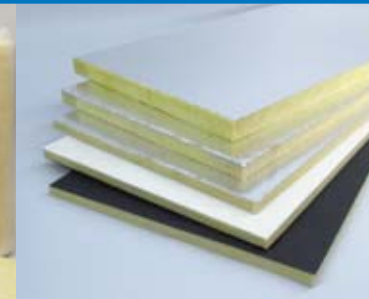
COMMERCIAL/INDUSTRIAL BUILDING INSULATION

Commercial/Industrial insulations are manufactured in varying densities as batts, boards and rolls for regular and high temperature applications.

3

METAL BUILDING INSULATION

Unfaced fiberglass rolls are made in various sizes for the Metal Building industry. These products meet both the Canadian standards and the NAIMA standards in the United States.



"OFIVERSATILE" ceiling tiles for both residential and commercial markets represent value added interior decoration lines suitable for sale throughout the world.

"OFIVERSATILE" CEILING TILES

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A new line of interior decorative wall panels "OFIVERSAWALL" round out the product line offered by the OFI Group. All products utilize high levels of recycled glass content reducing landfill in North America.

INTERIOR DECORATIVE WALL PANELS "OFIVERSAWALL"

5

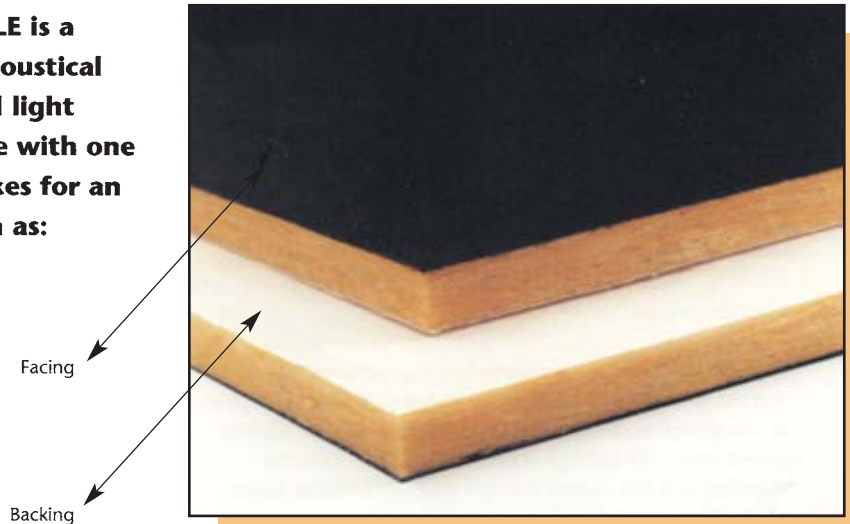
Insulation boards are made to specific sizes and thicknesses for the OEM market. Insulation board products are also produced with specialty facings. End uses include external and internal mechanical duct systems, theatre tiles, and specialty wall systems.

VALUE ADDED PRODUCTS

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OFI VERSATILE acoustical CINETILE is a three part composite flat lay in acoustical tiles with high levels of sound and light absorption. A rigid fibre glass core with one black side and one white side makes for an elegant tile with applications such as:

- large public cinemas,
- board rooms,
- auditoriums,
- home theatres.



► Specifications

Material:

Both black and white facings are non-woven polyester cellulosic blends. The core is a thermo-set resin bonded glass fibre.

Dimensions:

Standard nominal sizes are 24" x 48" and 24" x 24". Custom sizes are available depending on machine tolerances, and required dimensions.

Thickness: 1" is standard. Custom thicknesses range from 3/4" to 1-3/4".

Design:

Flat, square edged lay in for standard grid.

Colour:

Black

Surface burning characteristics:

(ASTM E 84-94) Class A (Flame spread 25 or under)

Smoke Developed:

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Sound Absorption Coefficient Range:

Tests performed according to ASTM C423-90A and E795-93, E400 mounting. Tile size tested: 24" x 48" nominal, thickness as shown in TABLE I.

Relative Humidity Performance:

No visible sag at 95% RH and 104 deg. F (ASTM C367)

Table I – Sound Absorption Coefficient Range:

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1"	0.90	0.84	0.76	1.00	1.03	1.11	0.90

Golden Glow



OFI Residential Fiber Glass Insulation



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STC 51 R11 Noise Control Batts

Tested according to ASTM E90-99 & E413-87

The onus on sound control is wall design. Wall design includes drywall, studs, insulation, joint compound etc. The higher the value, the better the wall performance. The superior performance of Golden Glow R11 Noise Control enhances wall design and delivers good sound control.

IAQ Tested (Indoor Air Quality Tested)

Golden Glow fiber glass batts have been emission tested according to ASTM D5116, the same standard used by other green certifications. The results are impressive, meeting and exceeding the limits set down by the following legislated formaldehyde exposure levels:

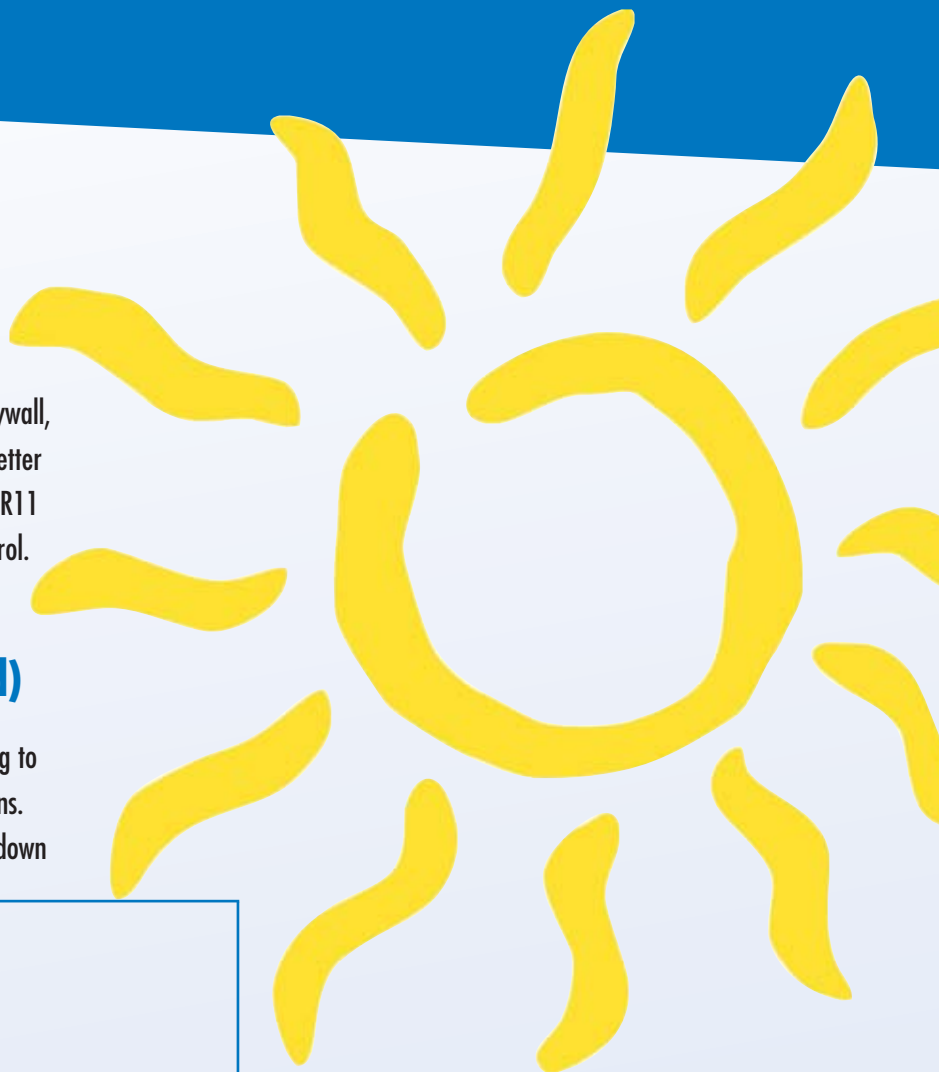
Energy Star Partner

Golden Glow fiber glass insulation batts are now part of the Energy Star Program. Golden Glow batts keep heat in during winter months and keep cooled air in during the summer months reducing heating and cooling cycles. Energy Star logos will appear on all bags, literature and the OFI website.

Recycled Glass Content

Golden Glow batts contain 65% recycled post consumer glass content. OFI has been using recycled glass since 1986 in all of its products without giving up performance. Recycling diverts glass from the waste stream and reduces land fill.

Disclaimer: Some information may originate in the public domain and some figures may be based on website information of the host organizations.



Organization	Level	Golden Glow
1 OSHA	.075 ppm	.03 ppm
2 NIOSH	.1 ppm/15 min	.03 ppm
3 WHO	.05 ppm	.03 ppm
4 Green Guard	.05 ppm	.03 ppm
5 California EPA	.05 ppm	.03 ppm
6 Massachusetts	.75 ppm	.03 ppm

OFI VERSATILE vinyl-faced fibreglass acoustical ceiling tiles are an economical solution to most ceiling situations. Our vinyl-faced tiles come in a variety of handsome, textured surface styles and 3 basic thickness (16 mm, 25 mm and 38 mm), all available perforated or non-perforated. These tiles have excellent noise reduction properties, ranging from NRC (noise reduction coefficient) 0.65 for non-perforated 16 mm tiles to NRC 0.90 for perforated 38 mm. They are easy to install and maintain. Typical applications include:

- general office and commercial spaces,
- open plan offices,
- computer rooms,
- libraries,
- gyms, etc.



OFI Versatile vinyl-faced fibreglass acoustical ceiling tiles are recommended where the requirements for speech privacy and the absence of reverberations are particularly important.



► Specifications

Material:

Textured vinyl facing, laminated to fibreglass rigid board

Dimensions:

Standard nominal tile sizes are 610 x 1220 mm and 610 x 610 mm.

Thickness: 16 mm, 25 mm, 38 mm

Square edge, suitable for lay-in exposed T suspension systems

Colour:

White

(other colours available on special order)

ASTM E 1264 Classification:

Type XII, Form 1, Pattern – various

Surface burning characteristics:

Class A (Flame spread 25 or under)



SUBMITTAL



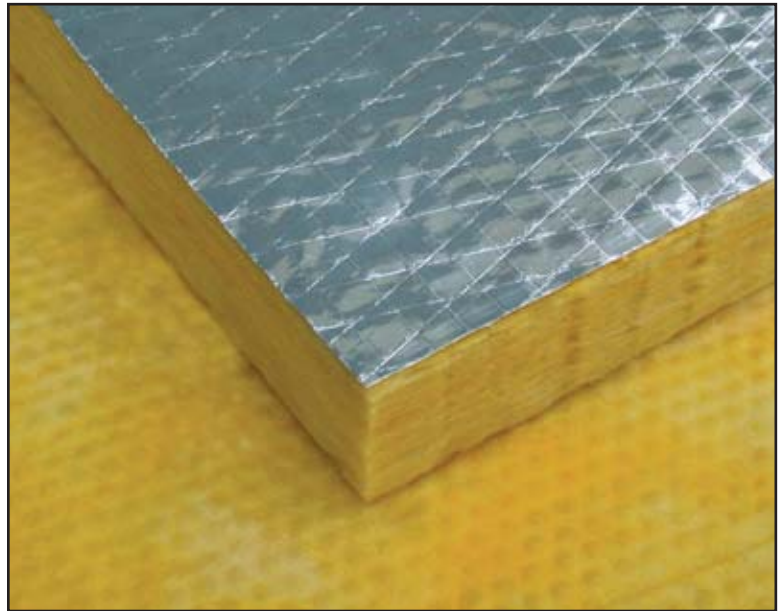
OFI - 48 FSK BOARD

DESCRIPTION

OFI FSK Board is a thermal and acoustical rigid fiber glass insulation board with a foil/scrim/kraft vapour retarder attached to one face. This thermo-set resin bonded fibre glass insulation contains a high content of recycled glass. The factory applied FSK facing makes for a neat finished appearance in all applications.

USES

Foil Scrim Kraft (FSK) faced board products have a variety of uses due to the acoustical and thermal properties of the board along with the reflective and vapour retarding properties of the facing. These include insulating exterior ductwork, mechanical equipment, parking garage ceilings, mechanical room lining, interior insulating of precast concrete panels and general commercial building insulating uses.



THERMALS (at 24 degrees C Mean)	WATER VAPOUR PERMEANCE
3 lb. (48 kg/m ³) board: R 4.17/inch(RSI 0.73)	0.02 perms/(1.15ng/sq m.s.Pa) according to ASTM E96 procedure A
FLAME SPREAD	MAXIMUM SERVICE TEMPERATURE
ASTM E84 (meets 25/50) Class 1 or A	From - 41°F up to 450°F. (-40.5°C up to 232°C) Ensure that current Building Code maximum exposed surface temperature requirements are met for all hot mechanical equipment.
DESCRIPTION OF FACING	PUNCTURE RESISTANCE (FSK)
A three part foil/scrim/kraft vapour retarder facing	25 beach units/0.75 joules according to TAPPI T803 ASTM D781
AVAILABLE SIZES	SPECIFICATION COMPLIANCE
Thickness: 1", 1.5", 2.0", 3.0", & 4.0" (25.4mm, 38mm, 51mm, 76mm, 102mm) Dimensions: 24" x 48" (600mm x 1219mm)	Fiber glass board: ASTM C612 & CGSB 51-10M FSK: CGSB 51-GP-52M & ASTM 1136 Types II & IV
PACKAGING	FUNGUS MOLD
Shrink wrapped in cardboard surrounds on skids	Does not support growth according to ASTM C1338-96

SOUND ABSORPTION COEFFICIENTS ASTM C423 (ASTM E795, Mounting A)							
Freq (HZ)	125	250	500	1000	2000	4000	NRC
1" (25.4mm)	0.15	0.71	0.70	0.89	0.65	0.39	0.75
2" (51mm)	0.51	1.10	1.13	0.82	0.53	0.33	0.90

SUBMITTAL

Golden Glow Kraft

DESCRIPTION

Golden Glow Kraft Faced building insulation is a light density thermal and acoustical fiber glass insulation bonded with thermo-setting resin. This flexible insulation will not stain or corrode metal studs, rot or sustain fungi or vermin.

Golden Glow will not shrink or settle from exposure, vibration, temperature or humidity.

The kraft facing is laminated to the insulation and serves as a vapor barrier/retarder. *Kraft facings are combustible and should not be left exposed.* (Application and safety data are clearly indicated on the package).

Golden Glow Kraft faced batts are manufactured in a variety of R-values.

The higher the R-value, the greater the insulating power. Choose the proper thickness for the design.

USES

Golden Glow Kraft faced batts are designed for friction fit applications in wood and steel stud construction in walls, ceilings and floors. They can be used in new construction or renovation in both residential and commercial applications. **Golden Glow Kraft** is easy to install and can be used in both horizontal and vertical applications, as it will not shrink, settle or sag from vibration. For installation instructions, please visit our website at www.ofigroup.com

ADVANTAGES

Golden Glow Kraft has good body and recovery to ensure good performance in walls, ceilings and floors. **Golden Glow Kraft** is easy to cut with a knife, fit between studs and form around a variety of surfaces. The kraft paper facing has tabs that fold out and over studs to allow mechanical fastening.



Golden Glow Kraft is an excellent economical component of any building system with long life performance and virtually no maintenance.

CODES, STANDARDS, RATINGS & LISTINGS

Kraft paper is flammable and therefore not rated according to ASTM E-84. (Unfaced batts are tested according to ASTM E-84 and meet the 25/50 standard. Unfaced batts are considered non-combustible according to ASTM E-136.) Meets ASTM C665 Type 2 Class C. ASTM E 84-98 (Federal specification HH-I-521F has been cancelled and replaced by ASTM C665). **Golden Glow**, exclusive of facings is UL listed.

LIMITATIONS

Local building codes.