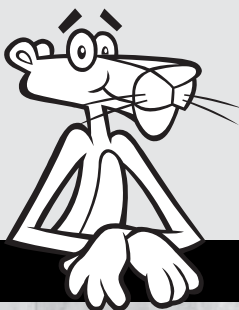




INNOVATIONS FOR LIVING®



INSULATION SPECIFICATIONS

SUBMITTAL SHEET



L77 PINK® Fiberglas® Unbonded Loosefill Insulation

Submitted To:

Submitted By:

Date:

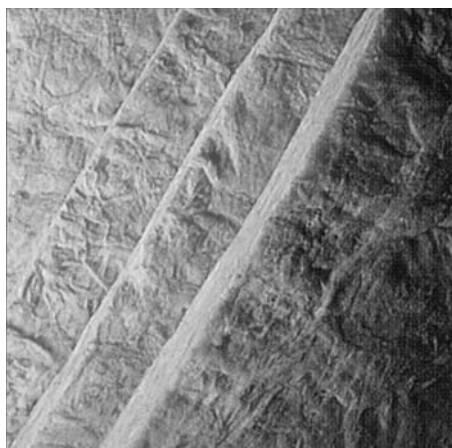
Job Reference:

Job Name:

EcoTouch
PureFiber® Technology

EcoTouch® Unfaced Insulation

with PureFiber® Technology



EcoTouch® Unfaced Insulation is designed to improve the thermal performance of wall and roof/ceiling assemblies. EcoTouch® Insulation fits tightly between framing and is held in place by friction.

Cathedral Batts are designed to fit tightly between cathedral rafters and when properly installed, still provide the necessary air ventilation space above the insulation.

□ Unfaced

Technical Data

R-Value*		Width		Length		Thickness
Metal Frame Construction						
13	□ 16" (406mm)	□ 24" (609mm)		□ 96" (2,438mm)		3½" (89mm)
15	□ 16" (406mm)	□ 24" (609mm)		□ 96" (2,438mm)		3½" (89mm)
19	□ 16" (406mm)	□ 24" (609mm)	□ 48" (1,219mm)	□ 96" (2,438mm)		6¼" (159mm)
21	□ 16" (406mm)	□ 24" (609mm)		□ 96" (2,438mm)		5½" (139mm)
Wood Frame Construction						
11	□ 15" (381mm)		□ 23" (584mm)	□ 93" (2,362mm)	□ 105" (2,664mm)	3½" (89mm)
13	□ 11" (279mm)	□ 19¼" (488mm)		□ 93" (2,362mm)		3½" (89mm)
13	□ 15" (381mm)		□ 23" (584mm)	□ 93" (2,362mm)	□ 105" (2,664mm)	3½" (89mm)
15	□ 15" (381mm)		□ 23" (584mm)	□ 93" (2,362mm)	□ 105" (2,664mm)	3½" (89mm)
19	□ 15" (381mm)		□ 23" (584mm)	□ 93" (2,362mm)	□ 105" (2,664mm)	6¼" (159mm)
19		□ 19¼" (488mm)		□ 48" (1,219mm)		6¼" (159mm)
21	□ 15" (381mm)		□ 23" (584mm)	□ 93" (2,362mm)		5½" (139mm)
Roof/Ceiling Construction						
19	□ 15" (381mm)		□ 23" (584mm)	□ 48" (1,219mm)	□ 93" (2,362mm)	6¼" (159mm)
19	□ 16" (406mm)	□ 19¼" (488mm)	□ 24" (609mm)	□ 48" (1,219mm)	□ 96" (2,438mm)	6¼" (159mm)
22	□ 15" (381mm)	□ 23" (584mm)	□ 24" (609mm)	□ 48" (1,219mm)		6¾" (171mm)
25			□ 23" (584mm)		□ 96" (2,438mm)	8" (203mm)
25	□ 16" (406mm)	□ 19¼" (488mm)	□ 24" (609mm)		□ 96" (2,438mm)	8" (203mm)
30	□ 15" (381mm)		□ 23" (584mm)	□ 48" (1,219mm)		9½" (241mm)
30	□ 16" (406mm)	□ 19¼" (488mm)	□ 24" (609mm)	□ 48" (1,219mm)		9½" (241mm)
30C	□ 15½" (394mm)		□ 23¾" (603mm)	□ 48" (1,219mm)		8¼" (209mm)
38	□ 16" (406mm)		□ 24" (609mm)	□ 48" (1,219mm)		12" (305mm)
38C	□ 15½" (394mm)		□ 23¾" (603mm)	□ 48" (1,219mm)		10¼" (260mm)

EcoTouch® Unfaced Insulation complies with the property requirements of ASTM C665, Type I and ASTM E136.

*R-values differ. Find out why in the seller's fact sheet on R-values. Higher R-value means greater insulating power.

Surface Burning Characteristics/Building Code Construction Classification

Flame Spread	Smoke Developed	ICC
< 25	< 50	All Types

EcoTouch® Kraft-Faced Insulation

with PureFiber® Technology

EcoTouch® Kraft-faced Insulation is designed to improve the thermal performance of wall and roof/ceiling assemblies. EcoTouch® Kraft-faced Insulation has a strong asphalt-coated paper facing on one side. Stapling flanges are provided for standard wood frame widths.

Cathedral Batts are designed to fit tightly between cathedral rafters without stapling the flanges and when properly installed, still provide the necessary air ventilation space above the insulation.



□ Kraft Faced

Perm Rating I

Technical Data

R-Value*		Width		Length		Thickness
Metal Frame Construction						
I1	□ 16" (406mm)	□ 24" (609mm)		□ 48" (1,219mm)*	□ 96" (2,438mm)	3½" (89mm)
I3	□ 16" (406mm)				□ 96" (2,438mm)	3½" (89mm)
I9	□ 16" (406mm)	□ 24" (609mm)		□ 48" (1,219mm)	□ 96" (2,438mm)	6¼" (159mm)
Wood Frame Construction						
I1	□ 15" (381mm)	□ 23" (584mm)		□ 93" (2,362mm)	□ 105" (2,664mm)	3½" (89mm)
I3	□ 11" (279mm)			□ 93" (2,362mm)		3½" (89mm)
I3	□ 15" (381mm)	□ 23" (584mm)		□ 93" (2,362mm)	□ 105" (2,664mm)	3½" (89mm)
I5	□ 15" (381mm)	□ 23" (584mm)		□ 93" (2,362mm)	□ 105" (2,664mm)	3½" (89mm)
I9	□ 11" (279mm)			□ 93" (2,362mm)		6¼" (159mm)
I9	□ 15" (381mm)	□ 19¼" (488mm)	□ 23" (584mm)	□ 93" (2,362mm)	□ 105" (2,664mm)	6¼" (159mm)
21	□ 15" (381mm)	□ 23" (584mm)		□ 93" (2,362mm)		5½" (139mm)
Floor/Roof/Ceiling Construction						
I9	□ 11" (279mm)	□ 15" (381mm)	□ 23" (584mm)	□ 48" (1,219mm)	□ 93" (2,362mm)	6¼" (159mm)
I9	□ 16" (406mm)	□ 19¼" (488mm)	□ 24" (609mm)	□ 48" (1,219mm)	□ 96" (2,438mm)	6¼" (159mm)
22	□ 15" (381mm)	□ 23" (584mm)		□ 48" (1,219mm)		6¾" (171mm)
30	□ 12" (305mm)	□ 19¼" (488mm)		□ 48" (1,219mm)		9½" (241mm)
30	□ 16" (406mm)	□ 24" (609mm)		□ 48" (1,219mm)		9½" (241mm)
30C	□ 15½" (394mm)	□ 23¾" (603mm)		□ 48" (1,219mm)		8¼" (209mm)
38	□ 16" (406mm)	□ 24" (609mm)		□ 48" (1,219mm)		12" (305mm)
38C	□ 15½" (394mm)	□ 23¾" (603mm)		□ 48" (1,219mm)		10¼" (260mm)

EcoTouch® Kraft-faced Insulation complies with the property requirements of ASTM C665, Type II, Class C.

*R-values differ. Find out why in the seller's fact sheet on R-values. Higher R-value means greater insulating power.

Surface Burning Characteristics/Building Code Construction Classification

Flame Spread	Smoke Developed	ICC
N/R	N/R	III, IV, V

EcoTouch® Kraft-faced Insulation will burn and must not be left exposed. The facing must be installed in substantial contact with the finish material. Protect facing from open flame or heat source.

EcoTouch® Foil faced Insulation

with PureFiber® Technology



☐ **Foil Faced** Perm Rating 0.50

EcoTouch® Foil faced Insulation is designed to improve the thermal performance of wall and roof/ceiling assemblies. EcoTouch® Foil faced Insulation has an aluminum foil kraft facing on one side. Stapling flanges are provided for standard wood framing widths.

Technical Data

R-Value*	Width		Length	Thickness
Metal Frame Construction				
11	<input type="checkbox"/> 16" (406mm)	<input type="checkbox"/> 24" (609mm)	<input type="checkbox"/> 96" (2,438mm)	3½" (89mm)
13	<input type="checkbox"/> 16" (406mm)	<input type="checkbox"/> 24" (609mm)	<input type="checkbox"/> 96" (2,438mm)	3½" (89mm)
19	<input type="checkbox"/> 16" (406mm)	<input type="checkbox"/> 24" (609mm)	<input type="checkbox"/> 96" (2,438mm)	6¼" (159mm)
Floor/Roof/Ceiling Construction				
19	<input type="checkbox"/> 16" (406mm)	<input type="checkbox"/> 24" (609mm)	<input type="checkbox"/> 96" (2,438mm)	6¼" (159mm)
30	<input type="checkbox"/> 16" (406mm)	<input type="checkbox"/> 24" (609mm)	<input type="checkbox"/> 48" (1,219mm)	9½" (241mm)

Foil faced EcoTouch® Thermal Batt Insulation complies with the property requirements of ASTM C665, Type III, Class B and C.

*R-values differ. Find out why in the seller's fact sheet on R-values. Higher R-value means greater insulating power.

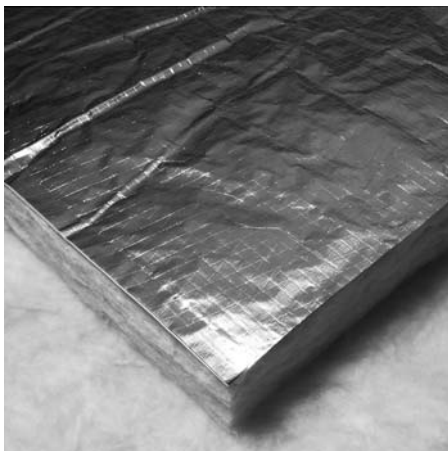
Surface Burning Characteristics/Building Code Construction Classification

Flame Spread	Smoke Developed	ICC
75	150	III, IV, V

EcoTouch® Foil faced Insulation will burn and must not be left exposed. The facing must be installed in substantial contact with the finish material. Protect facing from open flame or heat source.

EcoTouch® Flame Spread 25 Insulation

with PureFiber® Technology



☐ **FSK-faced (Foil)** Perm Rating 0.02
☐ **PSK-faced (White)** Perm Rating 0.02

Technical Data

R-Value*	Width		Length	Thickness	Facing**
Metal Frame Construction					
11	<input type="checkbox"/> 16" (406mm)	<input type="checkbox"/> 24" (609mm)	<input type="checkbox"/> 96" (2,438mm)	3½" (89mm)	FSK
13	<input type="checkbox"/> 16" (406mm)	<input type="checkbox"/> 24" (609mm)	<input type="checkbox"/> 96" (2,438mm)	3½" (89mm)	FSK
19	<input type="checkbox"/> 16" (406mm)	<input type="checkbox"/> 24" (609mm)	<input type="checkbox"/> 96" (2,438mm)	6¼" (159mm)	FSK
30	<input type="checkbox"/> 16" (406mm)	<input type="checkbox"/> 24" (609mm)	<input type="checkbox"/> 48" (1,219mm)	9½" (241mm)	FSK/PSK
38	<input type="checkbox"/> 16" (406mm)	<input type="checkbox"/> 24" (609mm)	<input type="checkbox"/> 48" (1,219mm)	12" (305mm)	FSK/PSK
Wood Frame Construction					
19	<input type="checkbox"/> 15" (381mm)	<input type="checkbox"/> 23" (584mm)	<input type="checkbox"/> 93" (2,362mm)	6¼" (159mm)	FSK/PSK

*The higher the R-value, the greater the insulating power. Ask your Owens Corning representative for the fact sheet on R-values. EcoTouch® Flame Spread 25 Thermal Batt Insulation with FSK complies with the property requirements of ASTM C665, Type III, Class A. PSK-faced complies with the property requirements of ASTM C665 Type II, Class A.

** Check local supplier for availability of different types of facings.

Surface Burning Characteristics/Building Code Construction Classification

Flame Spread	Smoke Developed	ICC
25	50	All Types

EcoTouch® Flame Spread 25 Insulation is designed to improve the thermal performance of roof/ ceiling assemblies and other applications requiring a low flame spread vapor retarder. EcoTouch® Flame Spread 25 Insulation is available in a reinforced foil laminate (Foil-Scrim-Kraft, FSK) or a light reflective white poly facing (Poly-Scrim-Kraft, PSK) which helps improve interior lighting. Facing is supplied with regular or extended flanges for easy installation.

PROPINK FastBatt® Insulation with PureFiber® Technology

Technical Data

R-Value*	Width	Length		Thickness
13	□ 15¼" (387mm)	□ 93" (2,362mm)	□ 105" (2,664mm)	3½" (89mm)
15	□ 15" (381mm)	□ 93" (2,362mm)	□ 105" (2,664mm)	3½" (89mm)
19	□ 15¼" (387mm)	□ 93" (2,362mm)	□ 105" (2,664mm)	6¼" (159mm)
21	□ 15" (381mm)	□ 93" (2,362mm)	□ 105" (2,664mm)	5½" (139mm)



Surface Burning Characteristics/Building Code Construction Classification

Flame Spread	Smoke Developed	ICC
N/R	N/R	III, IV, V

Federal Specification HH-I-521F has been canceled and is replaced by ASTM C665.

*R-values differ. Find out why in the seller's fact sheet on R-values. Higher R-value means greater insulating power.

Desiccant method

Kraft-faced Insulation will burn and must not be left exposed. The facing must be installed in substantial contact with the finish material. Protect facing from open flame or heat source.

□ Kraft Faced Perm Rating 1.0

PROPINK FastBatt® Insulation is a flexible, fiber glass insulation batt with a flangeless kraft facing. This product is designed for "friction fit" application, requiring no stapling to hold the batt in the cavity.

In addition the kraft facing provides a vapor retarder membrane required by many building codes.

Technical Data

Width	Length	Thickness
Wood Frame Construction		
□ 15" (381mm)	□ 93" (2,362mm)	3½" (89mm)
□ 15" (381mm)	□ 105" (2,667mm)	3½" (89mm)
□ 23" (584mm)	□ 93" (2,362mm)	3½" (89mm)
Unfaced		
□ 15¼" (387mm)	□ 93" (2,362mm)	3½" (89mm)
□ 15¼" (387mm)	□ 105" (2,667mm)	3½" (89mm)
□ 16" (406mm)	□ 93" (2,362mm)	5½" (139mm)
□ 23¼" (584mm)	□ 93" (2,362mm)	3½" (89mm)

Dimensional stability - Linear shrinkage less than 0.1%, Water absorption max. by volume less than 0.05%

Surface Burning Characteristics/Building Code Construction Classification

Products	Flame Spread	Smoke Developed	ICC
Unfaced	25	50	All Types
Kraft-faced	N/R	N/R	III, IV, V

Kraft facing will burn and must not be left exposed. Protect facing from open flame or heat source.

QuietZone® Acoustic Batts with PureFiber® Technology

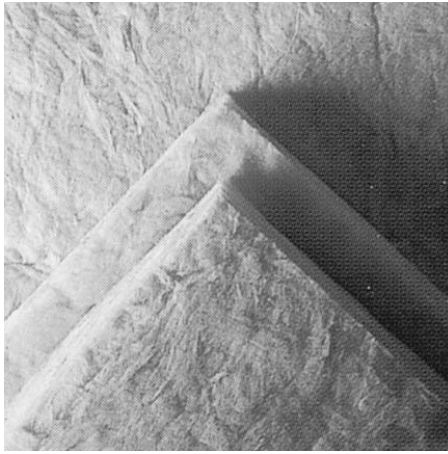


□ Unfaced
□ Kraft-faced

QuietZone® Batt is fiber glass acoustic batt insulation designed to absorb sound vibrations in wall, floor and ceiling applications for noise control.

Sonobatts® Insulation

with PureFiber® Technology



- ☐ Unfaced
- ☐ Kraft-faced

Perm Rating I

Technical Data

R-Value*	Width	Length	Thickness
11	□ 24" (609mm)	□ 48" (1,219mm)	3½" (89mm)
13	□ 24" (609mm)	□ 48" (1,219mm)	3½" (89mm)
19	□ 24" (609mm)	□ 48" (1,219mm)	6¼" (159mm)
30	□ 24" (609mm)	□ 48" (1,219mm)	9½" (241mm)
38	□ 24" (609mm)	□ 48" (1,219mm)	12" (305mm)

Unfaced Sonobatts® Insulation complies with the property requirements of ASTM C665, Type I and ASTM E136. Kraft-faced Sonobatts® Insulation complies with the property requirements of ASTM C665, Type II, Class C.

*R-values differ. Find out why in the seller's fact sheet on R-values. Higher R-value means greater insulating power.

Air Erosion

Air Velocities per UL 181 Up to 1,000 fpm	Less than 0.1%
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Surface Burning Characteristics/Building Code Construction Classification

Products	Flame Spread	Smoke Developed	ICC
Unfaced	10	10	All Types
Kraft-faced	N/R	N/R	III, IV, V

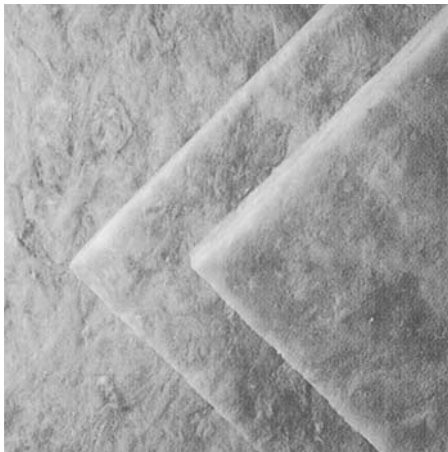
Kraft facing on Sonobatts® Insulation will burn and must not be left exposed. The facing must be installed in substantial contact with an approved ceiling construction material. Protect facing from open flame or heat source.

Unfaced Sonobatts® Insulation is designed to provide additional thermal and acoustical control when used above a suspended ceiling system. Sonobatts® insulation is composed of glass fiber insulation.

Kraft-faced Sonobatts® Insulation is designed to provide additional thermal and acoustical control when used above a suspended ceiling system. Sonobatts® insulation is composed of glass fiber insulation with a strong asphalt-coated kraft facing on one side.

Sound Attenuation Batts

with PureFiber® Technology



- ☐ Unfaced

Sound Attenuation Batts (SABs) are designed for use in interior partition systems where sound control between rooms is required. SABs, composed of unfaced glass fiber insulation, can improve partition STC ratings by up to 10 dbs.

Technical Data

R-Value*	Width	Length	Thickness
Metal Frame Construction			
8	□ 16" (406mm)	□ 24" (609mm)	□ 96" (2,438mm)
11	□ 16" (406mm)	□ 24" (609mm)	□ 96" (2,438mm)

Sound Attenuation Batt Insulation complies with the property requirements of ASTM C665, Type I and ASTM E136.

*R-values differ. Find out why in the seller's fact sheet on R-values. Higher R-value means greater insulating power.

Surface Burning Characteristics/Building Code Construction Classification

Products	Flame Spread	Smoke Developed	ICC
Unfaced	10	10	All Types

Acoustical Performance

Thickness	Mounting Type**	1/3 Octave Band Center Frequency (Hz)						NRC*
		125	250	500	1000	2000	4000	
2½"	A	0.21	0.62	0.93	0.92	0.91	1.03	0.85
3½"	A	0.48	1.00	1.12	1.03	0.97	0.96	1.05
2½"	E-405	0.59	0.84	0.79	0.94	0.96	1.12	0.90
3½"	E-405	0.73	0.98	0.98	1.05	1.08	1.15	1.00

*Noise Reduction Coefficient

**Type A—Material placed against a solid backing such as a block wall.

E-405—Material placed over a 16 inch air space. Data includes facings exposed to sound source, if specified.

PROPINK® L77 PINK® Fiberglas™ Unbonded Loosefill Insulation

PROPINK® L77 PINK® Fiberglas™ Unbonded Loosefill Insulation is designed to be mechanically blown into attics but may also be applied in the exterior walls or enclosed cavities of new or existing construction. The product consists of unbonded fiberglass insulation material packaged in bags.



Technical Data—Attics

Nominal bag weight: 33 lbs.

R-value*	Bags Per 1,000 ft. ²	Maximum Net Coverage	Minimum Weight/ft. ²	Minimum Thickness (in)	Minimum Settled Thickness ¹
R-13	5.5	182.9	0.180	4.75	4.75
R-19	8.1	124.2	0.266	6.75	6.75
R-22	9.4	106.3	0.311	7.75	7.75
R-26	11.2	89.6	0.368	9.00	9.00
R-30	13.0	77.0	0.428	10.25	10.25
R-38	16.8	59.5	0.555	12.75	12.75
R-44	20.1	49.8	0.662	14.75	14.75
R-49	22.6	44.2	0.747	16.25	16.25
R-60	28.5	35.1	0.940	19.50	19.50

Technical Data—Walls

R-value*	Minimum Thickness	Installed Density Lbs./ft. ³	Max. Coverage Per Bag	Bags Per 1,000 ft. ²	Min. Weight lbs./ft. ²
13	3.5 (2x4)	1.3	87.0	11.5	0.379
15	3.5 (2x4)	1.5	75.4	13.3	0.438
21	5.5 (2x6)	1.3	55.4	18.1	0.596
24	5.5 (2x6)	1.8	40.0	25.0	0.825

Technical Data—Floors

R-value*	Minimum Thickness	Installed Density Lbs./ft. ³	Max. Coverage Per Bag	Bags Per 1,000 ft. ²	Min. Weight lbs./ft. ²
31	2x8	1.4	39.0	25.6	0.846
39	2x10	1.4	30.6	32.7	1.079
48	2x12	1.5	23.5	42.6	1.406

Technical Data—Cathedral Ceiling

R-value*	Minimum Thickness	Installed Density Lbs./ft. ³	Max. Coverage Per Bag	Bags Per 1,000 ft. ²	Min. Weight lbs./ft. ²
28	2x8	1.3	42.0	23.8	0.785
36	2x10	1.3	32.9	30.4	1.002
44	2x12	1.3	27.1	36.9	1.219

1. This product shows negligible settling.

Unisol Volu-Matic III machine was used to determine the coverage information above. The machine was set up in 3rd gear, with a 75% open gate and a 3" hose, blowing the wool out in a 10' arc.

*R-values differ. Find out why in the seller's fact sheet on R-values. Higher R-value means greater insulating power.

Surface Burning Characteristics/Building Code Construction Classification

Flame Spread	Smoke Developed	ICC
0	0	All Types

This product conforms to the product requirements of ASTM C764 Type I.

R-values are determined in accordance with ASTM C687.

Conforms to Department of Energy material standards.

Passes the requirements of ASTM E136 and is considered noncombustible by the model building codes.

This product is non-corrosive, does not absorb moisture and does not support mold growth.

Conforms to the quality standards of the state of California.

PROPINK Complete™ Blown-in Wall System

Technical Data—Insulation

Nominal bag weight: 33 lbs.

R-Value*	Minimum Bags/1,000 ft. ²	Max. Coverage/ Bag (ft. ²)	Minimum Weight lb./ft. ²	Min. thickness (inches)	Density (pcf)
15	13.3	75.4	0.438	3½" (2"x4")	1.5
23	20.9	47.9	0.688	5½" (2"x6")	1.5
31	31.2	32.1	1.027	7½" (2"x8")	1.7
39	39.7	25.2	1.310	9¼" (2"x10")	1.7
47	45.5	22.0	1.500	11¼" (2"x12")	1.6
56	56.9	17.6	1.877	13¼" (2"x14")	1.7

*R-values differ. Find out why in the seller's fact sheet on R-values. Higher R-value means greater insulating power.

Technical Data—Fabric

Width (ft.)	Length (ft.)	Coverage (ft. ²)
10	611	6,110
9	611	5,499
8	611	4,888

Surface Burning Characteristics/Building Code Construction Classification

Test Method	Flame Spread	Smoke Developed
ULC S 102.2	<5	<5
ASTM E84*	0	0

*ASTM standard E84 is used solely to measure and describe properties of products in response to heat and flame under controlled laboratory conditions, and should not be used to describe or approve the fire hazard of materials under actual fire conditions. However, the results of these tests may be used as elements of a fire risk assessment that takes into account all of the factors pertinent to an assessment of the fire hazard of a particular end use. Values are reported to the nearest five rating.



PROPINK Complete™ Blown-in Wall System is an alternative to roll or batt insulation in walls, ceilings or other enclosed cavity applications, for both new construction and retrofit projects.

ThermaGlas® Fiber Glass Loosefill Insulation

with PureFiber® Technology

Technical Data

Nominal bag weight: 35 lbs.

R-Value*	Min. Bags Per 1,000 ft. ²	Max. Coverage/ Bag (ft. ²)	Minimum Weight/ Sq. Ft. (lbs.)	Minimum Thickness (in)
11	6.9	145.3	0.240	4¼
13	8.1	123.5	0.283	5
19	12.1	82.4	0.425	7½
22	13.8	72.7	0.482	8½
26	16.2	61.8	0.567	10
30	19.0	52.6	0.666	11¾
38	23.9	41.9	0.836	14¾
40	25.1	39.8	0.878	15½
44	27.9	35.8	0.978	17¾
49	30.8	32.5	1.077	19

*The higher the R-value, the greater the insulating power. Ask your seller for the fact sheet on R-values.

Surface Burning Characteristics/Building Code Construction Classification

Flame Spread	Smoke Developed	ICC
5	5	All Types

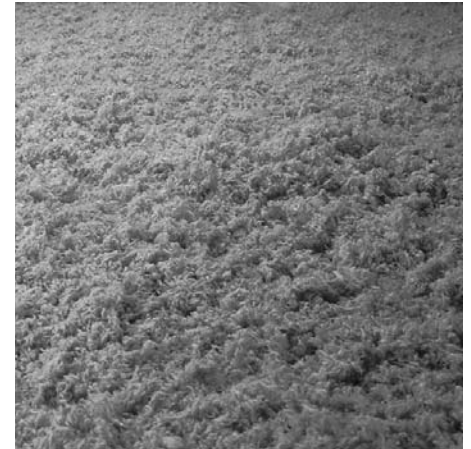
ThermaGlas® fiber glass loosefill insulation conforms to the product requirements of ASTM C764 Type I (pneumatic application).

R-values are determined in accordance with ASTM C687 and ASTM C518. (See chart above).

Conforms to Department of Energy material standards.

Passes the requirements of ASTM E136 and is considered noncombustible by the model building codes. This product is non-corrosive, does not absorb moisture and does not support mold growth.

Conforms to the quality standards of the state of California.



ThermaGlas® Fiber Glass Loosefill Insulation is an alternative to roll or batt insulation in attics, new construction and retrofit applications.

Specifications

Dimensions	22.5" x 48"
Air Channel Depth ¹	1.5"
Net Free Air Flow ¹	22.3 sq. inches
Material	Extruded Polystyrene

1. Underwriters Laboratories, Inc. Classified Product - see Certificate U-210

Packaging

Vents per Carton	75 pc
Cartons per Pallet	12 ct
Vents per Pallet	900 pc
Vents per Truck	21,600 pc

raft-R-mate® attic vent is an extruded polystyrene foam vent designed to assure unrestricted airflow from the soffit to the ridge vent by preventing attic or rafter cavity insulation (batt or blown) from covering eave or soffit vents, or from expanding to fill the code required air space for roof ventilation.

raft-R-mate® Vent is now designed with a hinge to allow it to be attached to the exterior wall top plate and roof deck, blocking insulation from clogging the soffits while getting the highest possible R-value at the eaves.

raft-R-mate® Attic Rafter Vents



SelectSound® Black Acoustic Blanket

Technical Data

Product	Width	Length	Thickness
SelectSound® Blanket	□ 72" (1,824mm)	□ 70' (21.94m)	1" (25mm)
Black Acoustic Blanket	□ 72" (1,824mm)	□ 50' (15.24m)	2" (51mm)

SelectSound® Black acoustical blanket complies with the property requirements of ASTM C553, Type III, 250°F maximum use temperature. The noise reduction coefficients of SelectSound® Black acoustic blanket were derived from tests conducted in accordance with ASTM C423 on a Type A mounting.

Surface Burning Characteristics/Building Code Construction Classification

Flame Spread	Smoke Developed	ICC
25*	50	All Types

*The surface burning characteristics of these products have been developed in accordance with UL 723 and CAN/ULC-S102-M. These standard should be used to measure and describe the properties of materials, products, or assemblies in response to heat and flame under controlled laboratory conditions and should not be used to describe or appraise the fire hazard or fire risk of materials, products or assemblies under actual fire conditions. However, results of this test may be used as elements of a fire risk assessment which takes into account all of the factors which are pertinent to an assessment of the fire hazard of a particular end use. Values are reported to the nearest 5 rating.

Acoustical Performance Tested Values—SelectSound® Black Acoustic Blanket

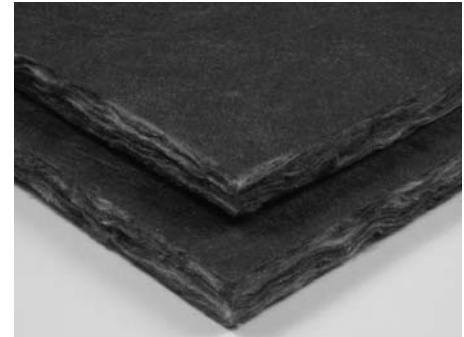
Sound Absorption Coefficients (ASTM C423, Type "A" Mounting)

Product	Density		Thickness		Octave Band Frequencies, Hz.							Thermal Resistance ^c R-Value (hr·ft ² ·°F)/Btu
	pcf	kg/m ³	in	mm	125	250	500	1000	2000	4000	NRC**	
SelectSound® Black 150B	1.5	24	1.0	25	0.08	.025	0.49	0.72	0.86	0.91	0.60	3.8
Acoustic Blanket	1.5	24	1.5	38	0.16	0.36	0.61	0.83	0.90	0.92	0.70	5.8
	1.5	24	2.0	51	0.20	0.53	0.79	0.94	0.95	0.97	0.80	7.7
	2.0	32	2.0	51	0.20	0.55	0.87	1.00	0.95	0.95	0.85	8.0

*ASTM C518; These data were collected using a limited sample size and are not absolute values. Reasonable tolerances must therefore be applied. All tests were conducted in accordance with ASTM C423, Type A mounting (material placed against a solid backing such as a block wall). Owens Corning Granville Science & Technology Acoustics Lab is National Voluntary Laboratory Accreditation Program (NVLAP) approved.

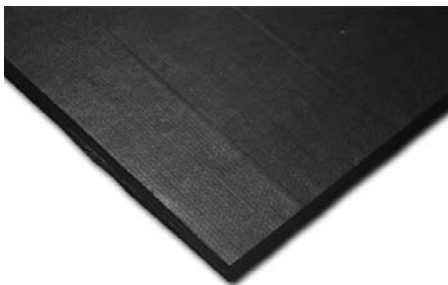
**Noise Reduction Coefficient

SelectSound® Black Acoustic Blanket helps provide the highest quality audio reproduction by reducing sound reverberation within spaces. Sound transfer from space to space is also noticeably reduced.



SelectSound® Black Acoustic Blanket is designed to provide excellent acoustical performance for walls in multiplex theaters, sound studios and performing arts centers. SelectSound® Black Acoustic Blanket is also ideal for use above suspended metal ceiling systems. Depending on specified thickness, SelectSound® Black Acoustic Blanket absorbs up to 100% of the sound striking its surface.

SelectSound® Black Acoustic Board



Technical Data

Product	Width	Length	Thickness
SelectSound® Board	□ 48" (1,219mm)	□ 96" (2,438mm)	1" (25mm)
Black Acoustic Board	□ 48" (1,219mm)	□ 96" (2,438mm)	2" (51mm)

SelectSound® Black acoustic board can also be supplied precut in sizes up to 48" x 96" to fit specific dimensional requirements. Precut boards improve labor productivity by speeding installation. The noise reduction coefficients of SelectSound® Black acoustic board were derived from tests conducted in accordance with ASTM C423 on a Type A mounting.

Surface Burning Characteristics/Building Code Construction Classification

Flame Spread	Smoke Developed	ICC
25*	50	All Types

*The surface burning characteristics of these products have been developed in accordance with UL 723 and CAN/ULC-S102-M. These standard should be used to measure and describe the properties of materials, products, or assemblies in response to heat and flame under controlled laboratory conditions and should not be used to describe or appraise the fire hazard or fire risk of materials, products or assemblies under actual fire conditions. However, results of this test may be used as elements of a fire risk assessment which takes into account all of the factors which are pertinent to an assessment of the fire hazard of a particular end use. Values are reported to the nearest 5 rating.

Acoustical Performance

Thickness	Mounting Type*	1/3 Octave Band Center Frequency (Hz)						
		125	250	500	1000	2000	4000	NRC*
1" (25mm)	A	0.06	0.25	0.62	0.91	0.99	0.98	0.70
2" (51mm)	A	0.18	0.71	1.12	1.12	1.03	1.02	1.00

*Derived from test conducted in accordance with ASTM C423, Type A mounting (material placed against a solid backing such as a block wall)

SelectSound® Black Acoustic Board is designed to provide excellent acoustical performance for multiplex theaters, sound studios and performing arts centers. Depending on specified thickness, SelectSound® Black Acoustic Board absorbs up to 100% of the sound striking its surface.

SelectSound® Black Acoustic Board helps provide the highest quality audio reproduction by reducing sound reverberation within spaces. Sound transfer from space to space is also noticeably reduced.

701 Insulation Unfaced Fiber Glass

Technical Data

	R-Value*	Width	Length	Thickness
Type 701 Density 1.5 pcf K-value 0.24	4.2	□ 24" (609mm)	□ 48" (1,219mm)	1" (25mm)
	6.3	□ 24" (609mm)	□ 48" (1,219mm)	1½" (38mm)
	8.3	□ 24" (609mm)	□ 48" (1,219mm)	2" (51mm)
	10.4	□ 24" (609mm)	□ 48" (1,219mm)	2½" (64mm)
	12.5	□ 24" (609mm)	□ 48" (1,219mm)	3" (76mm)
	14.6	□ 24" (609mm)	□ 48" (1,219mm)	3½" (89mm)
	16.7	□ 24" (609mm)	□ 48" (1,219mm)	4" (102mm)

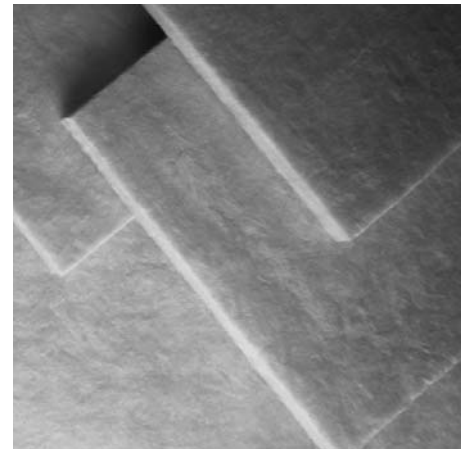
Product only available in 24' x 48' sizes.

701 Insulation products comply with the property requirements of ASTM C553, Type III and ASTM C665, Type I.

*R-values differ: Find out why in the seller's fact sheet on R-values. Higher R-value means greater insulating power.

Surface Burning Characteristics/Building Code Construction Classification

Products	Flame Spread	Smoke Developed	ICC
701 Unfaced	20	20	All Types



□ Unfaced

701 Unfaced Insulation is designed to improve thermal and acoustical performance in applications where the insulation must conform to an irregular-shaped surface. 701 Insulation is lightweight, flexible and easy to fabricate. 701 Insulation is a 1.5 PCF semi-rigid product composed of inorganic glass fibers.

Technical Data

	R-Value*	Width	Length	Thickness
Type 703 Density 3.0 pcf K-value 0.23	4.3	□ 24" (609mm)	□ 48" (1,219mm)	1" (25mm)
	6.5	□ 24" (609mm)	□ 48" (1,219mm)	1½" (38mm)
	8.7	□ 24" (609mm)	□ 48" (1,219mm)	2" (51mm)
	10.9	□ 24" (609mm)	□ 48" (1,219mm)	2½" (64mm)
	13	□ 24" (609mm)	□ 48" (1,219mm)	3" (76mm)
	15.2	□ 24" (609mm)	□ 48" (1,219mm)	3½" (89mm)
	17.4	□ 24" (609mm)	□ 48" (1,219mm)	4" (102mm)

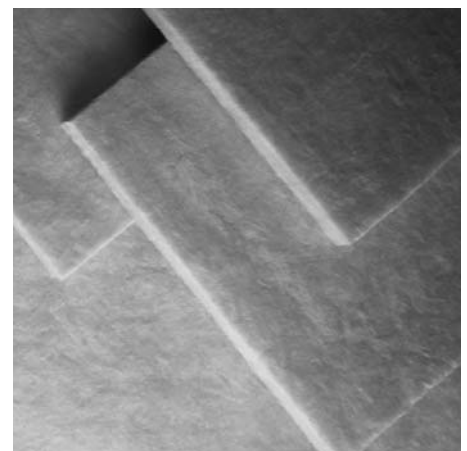
Contact your local Owens Corning sales representative for made-to-order sizes and availability.

703 Insulation products comply with the property requirements of ASTM C612, Type IA and IB.

*R-values differ: Find out why in the seller's fact sheet on R-values. Higher R-value means greater insulating power.

Surface Burning Characteristics/Building Code Construction Classification

Products	Flame Spread	Smoke Developed	ICC
703 Unfaced	15	0	All Types
703 ASJ-faced	25	50	All Types
703 FSK-faced	25	50	All Types



□ Unfaced

□ FSK-faced

□ ASJ-faced

Perm Rating 0.02

Perm Rating 0.02

703 Board Insulation is designed to improve thermal and acoustical performance in applications where board-like properties are desired. Semirigid 703 Board Insulation is available unfaced or faced with ASJ all-service jacket or FSK foil-scrim-kraft. 703 Board Insulation is a 3.0 PCF product composed of inorganic glass fibers.

705 Board Insulation Fiber Glass

Technical Data

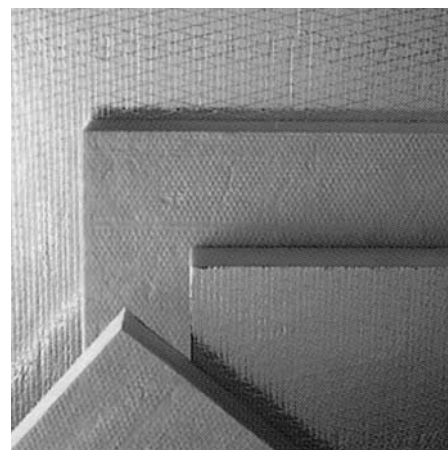
	R-Value*	Width	Length	Thickness
Type 705 Density 6.0 pcf K-value 0.23	4.3	□ 24" (609mm)	□ 48" (1,219mm)	1" (25mm)
	6.5	□ 24" (609mm)	□ 48" (1,219mm)	1½" (38mm)
	8.7	□ 24" (609mm)	□ 48" (1,219mm)	2" (51mm)
	10.9	□ 24" (609mm)	□ 48" (1,219mm)	2½" (64mm)
	13	□ 24" (609mm)	□ 48" (1,219mm)	3" (76mm)

Contact your local Owens Corning sales representative for made-to-order sizes and availability.
705 Insulation products comply with the property requirements of ASTM C612, Type IA and IB.

*R-values differ. Find out why in the seller's fact sheet on R-values. Higher R-value means greater insulating power.

Surface Burning Characteristics/Building Code Construction Classification

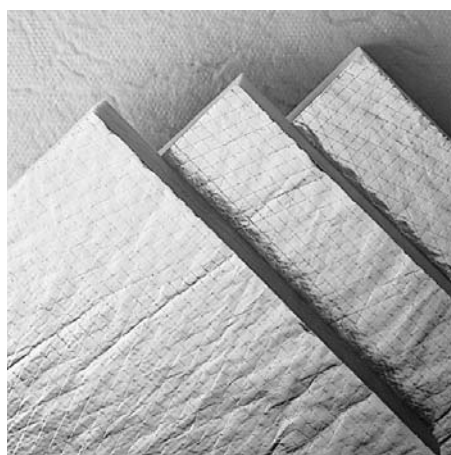
Products	Flame Spread	Smoke Developed	ICC
705 Unfaced	15	0	All Types
705 ASJ-faced	25	50	All Types
705 FSK-faced	25	50	All Types



- Unfaced
- FSK-faced Perm Rating 0.02
- ASJ-faced Perm Rating 0.02

705 Board Insulation is designed to improve thermal and acoustical performance in applications where greater strength and rigidity are desired. Semi-rigid 705 Board Insulation is available unfaced or faced with ASJ-all-service jacket or FSK foil-scrim-kraft. 705 Board Insulation is a 6.0 PCF board product composed of inorganic glass fibers.

Curtainwall Insulation Fiber Glass



Technical Data

	R-Value*	Width	Length	Thickness
Density 2.25 pcf K-value 0.23	4.3	□ 24" (609mm)	□ 48" (1,219mm)	1" (25mm)
	6.5	□ 24" (609mm)	□ 48" (1,219mm)	1½" (38mm)
	8.7	□ 24" (609mm)	□ 48" (1,219mm)	2" (51mm)
	10.9	□ 24" (609mm)	□ 48" (1,219mm)	2½" (64mm)
	13	□ 24" (609mm)	□ 48" (1,219mm)	3" (76mm)
	15.2	□ 24" (609mm)	□ 48" (1,219mm)	3½" (89mm)
	17.4	□ 24" (609mm)	□ 48" (1,219mm)	4" (102mm)

Curtainwall Insulation/CW 225 complies with the property requirements of ASTM C612, Type IA and IB. CW 225 FRK-faced is NOT available in 1" thickness. All CW 225-FRK sizes are 2' x 4' only.

*R-values differ. Find out why in the seller's fact sheet on R-values. Higher R-value means greater insulating power.

Surface Burning Characteristics/Building Code Construction Classification

Products	Flame Spread	Smoke Developed	ICC
Unfaced	20	20	All Types
FSK-faced	25	50	All Types

- Unfaced
- FSK-faced Perm Rating 0.10

Curtainwall Insulation is designed for use as a thermal and acoustical insulation in commercial curtainwall systems. Semi-rigid Curtainwall Insulation is available in unfaced or faced with FSK foil-scrim-kraft. Curtainwall Insulation is a 2.25 PCF board product composed of inorganic glass fibers.

Standard Specifications

	Standard Specifications							
Commercial Products	ASTM C553	ASTM C612	ASTM C665	ASTM C764	ASTM E84*	ASTM E136	ASTM E119	UL 723
EcoTouch® Thermal Batt Insulation Unfaced			TYPE I		25,50	X		US 20, 20 CAN 25, 50
EcoTouch® Thermal Batt Insulation Kraft-Faced			TYPE II, CL. C		N/R			
EcoTouch® Thermal Batt Insulation Foil Faced			TYPE III, CL. B & C		75, 150			
EcoTouch® Flame Spread 25 FSK Faced			TYPE III, CL. A		25,50			
EcoTouch® Flame Spread 25 Extended Flanges PSK Faced			TYPE II, CL. A		25,50			
PRO-PINK FastBatt® Insulation			TYPE II, CL. C		N/R			
QuietZone® Acoustic Batt Insulation			TYPE II, CL. C		25,50			
QuietZone® Shaftwall Insulation			TYPE I		25,50		X	US 20,20 CAN 25, 50
Sonobatts® Insulation Unfaced			TYPE I		25,50	X		US 20, 20 CAN 25, 50
Sonobatts® Insulation Kraft-Faced			TYPE II, CL. C		N/R			
Sound Attenuation Batt Insulation			TYPE I		25,50	X		US 20, 20 CAN 25, 50
ThermaGlas® Loosefill Insulation				X	25,50	X		
Curtainwall Insulation Unfaced		TYPE IA & IB			20,20	X		US 15, 0 CAN 25, 50
Curtainwall Insulation FSK Faced		TYPE IA&IB			25,50			
700 Series Insulation	ASTM C553	ASTM C612	ASTM C665	ASTM C764	ASTM E84*	ASTM E136	ASTM E119	UL 723
701 Unfaced	TYPE III		TYPE I		20,20			US 20, 20 CAN 25, 50
711 Unfaced	TYPE III		TYPE I		20,20			US 20, 20 CAN 25, 50
703 Unfaced					15,0			US 15, 0 CAN 25, 50
703 ASJ Faced		TYPE IA & IB			25,50			
703 FSK Faced		TYPE IA & IB			25,50			
705 Unfaced		TYPE IA & IB			15,0			US 15, 0 CAN 25, 50
705 ASJ Faced		TYPE IA & IB			25,50			
705 FSK Faced		TYPE IA & IB			25,50			

*Values listed as 25, 50 are within the code requirement maximums.



INNOVATIONS FOR LIVING®

Owens Corning is committed to helping you improve your energy performance and make your buildings Energy Star® buildings.

Some products have limited geographic offerings. Contact your Area Sales Manager for product availability.

R-values differ. Find out why in the seller's fact sheet on R-values. Higher R-values mean greater insulating power.

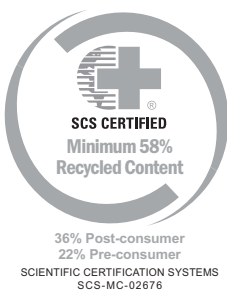


GREENGUARD Indoor Air Quality and GREENGUARD Children & Schools™ applies to EcoTouch® Unfaced Batts, EcoTouch® Faced Batts and Unbonded Loosefill insulation. GREENGUARD Formaldehyde Free applies to EcoTouch® Unfaced Batts and unbonded loosefill insulation.

GREENGUARD Children & Schools™ applies to Flame Spread 25 FSK Faced; Flame Spread 25 Extended Flanges PSK Faced; Sound Attenuation Batt Insulation; Sonobatts® Insulation Unfaced; Sonobatts® Insulation Kraft-Faced and Metal building insulation.



Applies to EcoTouch® Unfaced Products



SCS 58% recycled content applies to EcoTouch® Unfaced Batts and Rolls, EcoTouch® Faced Batts and Rolls, Loosefill insulation, Metal building insulation products and flexible Air handling products.



FIBERGLAS™ 700 series insulation, QuietR® and QuietZone® flexible Air Handling products, Pipe insulation products, OEM Insulation products, Acoustic Blankets and Boards and Shaftwall insulation.

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