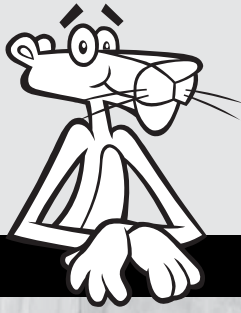


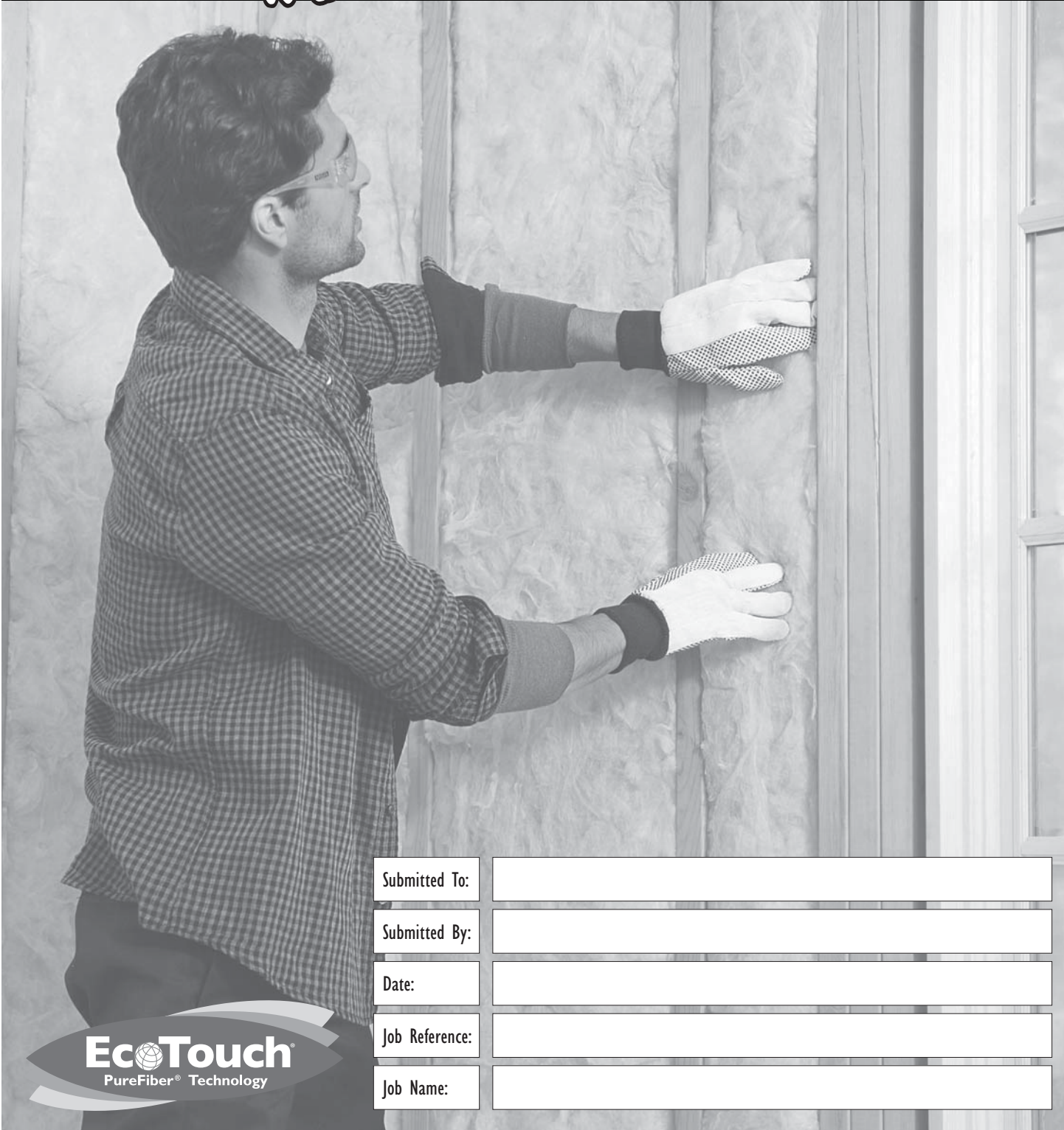


INNOVATIONS FOR LIVING®



# EcoTouch® INSULATION SPECIFICATIONS

SUBMITTAL SHEET SPECIAL EDITION



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Submitted By:	<input type="text"/>
Date:	<input type="text"/>
Job Reference:	<input type="text"/>
Job Name:	<input type="text"/>



# New Owens Corning™ EcoTouch® PINK® FIBERGLAS™ Insulation with PureFiber® Technology



Owens Corning™ EcoTouch® Insulation with PureFiber® Technology delivers industry-leading thermal and acoustical performance and is formaldehyde free. EcoTouch® insulation was designed to enable consistently high quality installations, making homes more comfortable, energy efficient and sustainable.

## Performance & Productivity Benefits:

- Guaranteed thermal performance for the life of the home
- 2 out of 3 professional installers prefer EcoTouch® insulation over all fiberglass insulation competitors for ease of handling and installation<sup>1</sup>
- Easier to cut and split with less dust than other fiberglass insulation products<sup>1</sup>
- Installs faster<sup>1</sup> than other fiberglass insulation products<sup>1</sup>
- Excellent stiffness and recovery characteristics means EcoTouch® insulation completely fills the cavity, eliminating gaps and the need for additional handwork.<sup>1</sup>
- Easily cut and split to insulate odd shaped cavities and around outlets, switches and other small spaces<sup>1</sup>

## Sustainability Benefits:

- Certified to include 58% total recycled content, including a minimum of 36% post-consumer recycled content—the highest certified percentage in the fiberglass insulation industry<sup>2</sup>
- GREENGUARD Children & Schools certified<sup>SM</sup> and verified to be formaldehyde free
- Contains more than 99% natural ingredients<sup>3</sup>
- Enables homes and buildings to achieve energy-efficiency and green building certifications including: the Environmental Protection Agency's ENERGY STAR®; the National Association of Home Builders' National Green Building Standard; and the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED®).

<sup>1</sup> According to 2010 clinical trial conducted in Toronto, Canada by Ducker Worldwide on behalf of Owens Corning Insulating Systems, LLC.

<sup>2</sup> Certified by Scientific Certifications Systems to have a minimum of 58 percent recycled glass content, with at least 36 percent post-consumer recycled and the balance pre-consumer recycled glass content.

<sup>3</sup> Unfaced insulation is made with a minimum of 99 percent by weight natural materials consisting of minerals and plant-based compounds.



**Environment**  
EcoLogo™ CCD-016

Applies to EcoTouch® Unfaced Insulation



36% Post-consumer  
22% Pre-consumer  
SCIENTIFIC CERTIFICATION SYSTEMS  
SCS-MC-02676



GREENGUARD Indoor Air Quality and GREENGUARD Children and Schools<sup>SM</sup> applies to EcoTouch® Unfaced Batts, EcoTouch® Faced Batts and Unbonded Loosefill insulation.

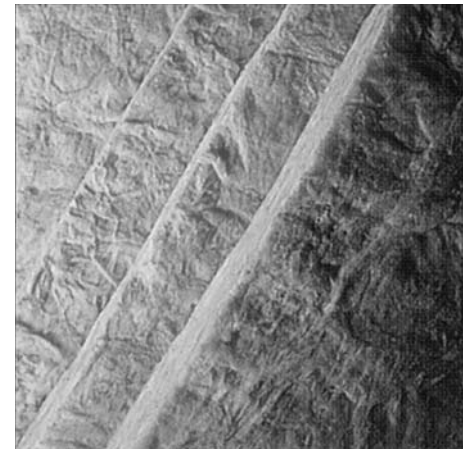
Applies to EcoTouch® Unfaced Batts and Rolls, EcoTouch® Faced Batts and Rolls, Loosefill Insulation, Metal Building Insulation products and Flexible Air Handling products.  
<http://www.scs-certified.com/products/>



## 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
<b>Metal Frame Construction</b>					
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)
<b>Wood Frame Construction</b>					
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)
<b>Roof/Ceiling Construction</b>					
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
<b>Metal Frame Construction</b>					
11	□ 16" (406mm)	□ 24" (609mm)	□ 48" (1,219mm)*	□ 96" (2,438mm)	3½" (89mm)
13	□ 16" (406mm)			□ 96" (2,438mm)	3½" (89mm)
19	□ 16" (406mm)	□ 24" (609mm)	□ 48" (1,219mm)	□ 96" (2,438mm)	6¼" (159mm)
<b>Wood Frame Construction</b>					
11	□ 15" (381mm)		□ 23" (584mm)	□ 93" (2,362mm)   □ 105" (2,664mm)	3½" (89mm)
13	□ 11" (279mm)			□ 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	□ 11" (279mm)			□ 93" (2,362mm)	6¼" (159mm)
19	□ 15" (381mm)	□ 19¼" (488mm)	□ 23" (584mm)	□ 93" (2,362mm)   □ 105" (2,664mm)	6¼" (159mm)
21	□ 15" (381mm)		□ 23" (584mm)	□ 93" (2,362mm)	5½" (139mm)
<b>Floor/Roof/Ceiling Construction</b>					
19	□ 11" (279mm)	□ 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)	□ 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

### Technical Data

R-Value*	Width		Length	Thickness
<b>Metal Frame Construction</b>				
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)
<b>Floor/Roof/Ceiling Construction</b>				
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.



### 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.

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

**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.

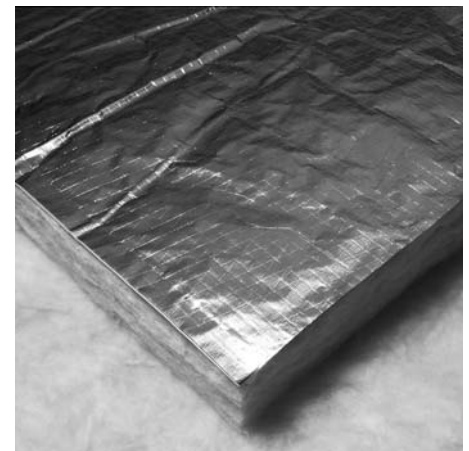
## EcoTouch® Flame Spread 25 Insulation with PureFiber® Technology

### Technical Data

R-Value*	Width		Length	Thickness	Facing**
<b>Metal Frame Construction</b>					
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
<b>Wood Frame Construction</b>					
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

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

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



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

R-Value*	Width	Length		Thickness
13	<input type="checkbox"/> 15¼" (387mm)	<input type="checkbox"/> 93" (2,362mm)	<input type="checkbox"/> 105" (2,664mm)	3½" (89mm)
15	<input type="checkbox"/> 15" (381mm)	<input type="checkbox"/> 93" (2,362mm)	<input type="checkbox"/> 105" (2,664mm)	3½" (89mm)
19	<input type="checkbox"/> 15¼" (387mm)	<input type="checkbox"/> 93" (2,362mm)	<input type="checkbox"/> 105" (2,664mm)	6¼" (159mm)
21	<input type="checkbox"/> 15" (381mm)	<input type="checkbox"/> 93" (2,362mm)	<input type="checkbox"/> 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.

## 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.

### Technical Data

Width	Length	Thickness
<b>Wood Frame Construction</b>		
<input type="checkbox"/> 15" (381mm)	<input type="checkbox"/> 93" (2,362mm)	3½" (89mm)
<input type="checkbox"/> 15" (381mm)	<input type="checkbox"/> 105" (2,667mm)	3½" (89mm)
<input type="checkbox"/> 23" (584mm)	<input type="checkbox"/> 93" (2,362mm)	3½" (89mm)
<b>Unfaced</b>		
<input type="checkbox"/> 15¼" (387mm)	<input type="checkbox"/> 93" (2,362mm)	3½" (89mm)
<input type="checkbox"/> 15¼" (387mm)	<input type="checkbox"/> 105" (2,667mm)	3½" (89mm)
<input type="checkbox"/> 16" (406mm)	<input type="checkbox"/> 93" (2,362mm)	5½" (139mm)
<input type="checkbox"/> 23¼" (584mm)	<input type="checkbox"/> 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.

### 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%

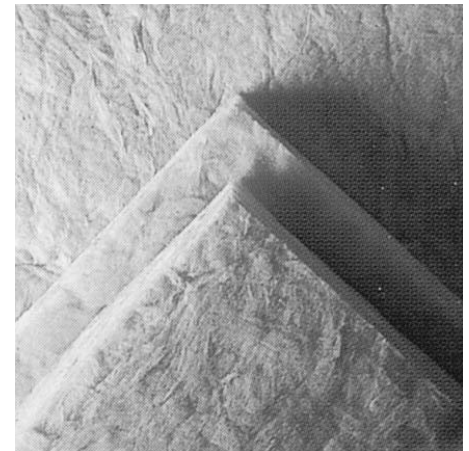
### Surface Burning Characteristics/Building Code Construction Classification

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.



- Unfaced
  - Kraft-faced
- Perm Rating I

### Technical Data

R-Value*	Width	Length	Thickness
<b>Metal Frame Construction</b>			
8	□ 16" (406mm) □ 24" (609mm)	□ 96" (2,438mm)	2½" (64mm)
11	□ 16" (406mm) □ 24" (609mm)	□ 96" (2,438mm)	3½" (89mm)

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	

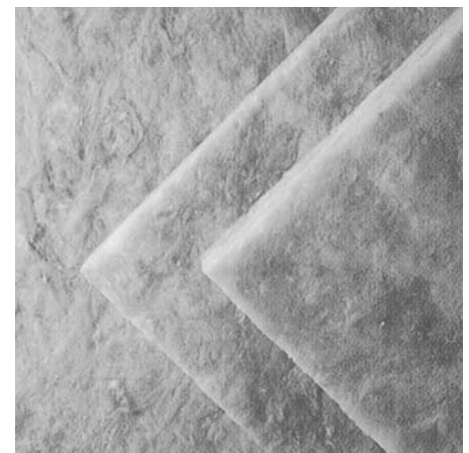
\*Noise Reduction Coefficient

\*\*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.

### 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.



INNOVATIONS FOR LIVING®

## Standard Specifications

Commercial Products	ASTM C665	ASTM E84*	ASTM E136
EcoTouch® Thermal Batt Insulation Unfaced	TYPE I	<25, <50	X
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	
PROPINK FastBatt® Insulation	TYPE II, CL C	N/R	
QuietZone® Acoustic Batt Insulation Kraft-Faced	TYPE II, CL C	N/R	
QuietZone® Shaftwall Insulation	TYPE I	<25, <50	
Sonobatts® Insulation Unfaced	TYPE I	<25, <50	X
Sonobatts® Insulation Kraft-Faced	TYPE II, CL C	N/R	
Sound Attenuation Batt Insulation	TYPE I	<25, <50	X

\*Also applies to UL 723 test method.

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 and Schools™ applies to EcoTouch® Unfaced Batts, EcoTouch® Faced Batts and Unbonded Loosefill insulation.



36% Post-consumer  
22% Pre-consumer  
SCS CERTIFICATION SYSTEMS  
SCS-MC-02676

Applies to EcoTouch® Unfaced Batts and Rolls, EcoTouch® Faced Batts and Rolls, Loosefill Insulation, Metal Building Insulation products and Flexible Air Handling products.  
<http://www.scs-certified.com/products/>

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Scientific Certification Systems (SCS) provides independent verification of recycled content in building materials and verifies recycled content claims made by manufacturers. For more information, visit [www.scs-certified.com](http://www.scs-certified.com).

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



## Environment

### EcoLogo™ CCD-016

Applies to EcoTouch® Unfaced Insulation



INNOVATIONS FOR LIVING®

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