



# BLASTBLOCK SOUNDPROOFING

BlastBlock, the high-performance noise insulation material that uses very little space but has incredible noise reduction capabilities. BlastBlock, Noise Stopper, Blocks Acoustic Noise, Improved Transmission Loss All-in-one: Noise control, noise insulation, noise abatement., soundproofing.

[blast-block.com](https://blast-block.com)



**BLASTBLOCK**

BLASTBATT ACOUSTIC  
SOUNDBOX

# BLASTBLOCK

## BLASTBATT SOUNDBOX



BlastBlock Acoustic, SoundBox has been tested in accordance with ISO 354 Acoustic Measurement of sound absorption in a reverberation room and exhibits Noise Reduction Coefficient (NRC) of 0.90 which typically reduce reverberated noise by approximately 90%.

### WALL INSULATION BETWEEN ROOMS

BlastBlock BlastBatt is ideal for reduction of airborne sound transmission between rooms through separating wall.

It is specially manufactured light weight and soft to provide optimum performance. BlastBlock BlastBatt is ideal for hotel, school, office, meeting room, or home wherever noise reduction is desired.

### SPECIFICATIONS

Product	BlastBlock SoundBox
Material	100% Polyester batt
Size	2000mm x 2500mm / 600mm x 1200mm 10mm (roll) / 25 mm/ 50 mm
Thickness	50 mm +/-10%
Batt Size	0.50 x 0.50 m , 0.60 x 0.60 m 1.20 x 1.20 m
NRC	0.90
Application	Sound absorption for gymnasium, conversion center

### DURABLES AND SAFE

Blasblock BlastBatt is 100% polyester fibers thermally bonded into 40 mm thick batt. Polyester fiber is soft, extremely durable and does not absorb moisture, will not deteriorate or rot over time and naturally resistant to insects and vermin attack. Unlike fiberglass, polyester is non-toxic, non-irritant and does not contain formaldehyde. It is safe and odorless providing clean indoor air quality.

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### SOUND ABSORPTION

Absorption Coefficient						NRC
125	250	500	1000	2000	4000	
0.18	0.72	0.71	1.11	1.01	0.89	<b>0.90</b>

### FLAMMABILITY

ASTM E84, Surface Burning Characteristics of Building Materials.

	Class A	
Flame Spread Index	(0-25)	15
Smoke Developed Index	(0-450)	115

### THERMAL INSULATION EFFECTIVENESS

	ECS 40	ECS 50
Thermal Conductivity (K-Value) (w/mk)	0.037	0.041
Thermal Resistance (R-Value) (m2 k/w)	1.087	1.238

### EXCELLENT THERMAL INSULATIONS

Blasblock BlastBatt is an ideal thermal insulation material for wall and ceiling in buildings and homes to help keep interior cool in the summer and warm in winter which helps to reduce energy cost.

### ENVIRONMENTAL

Blasblock BlastBatt is made from 100% polyester including 85% regenerated fibers from discarded plastic drinking water bottles reclaimed as post-consumer waste. Blasblock BlastBatt is an environmentally friendly product and is fully recyclable. With 85% recycled content, Blasblock BlastBatt exceeds the criteria set by USGBC (United States Green Building Council) recognizing its contribution to the Leadership in Energy and Environmental Design (LEED). Thus users of Blasblock BlastBatt can earn environmental points from LEED for their building project.



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## BLASTBATT SOUND ABSORBER

LEED Credit	Contribution	Points
MR credit 4.1 recycled content 10%	BlastBlock BlastBatt is manufactured using a minimum of 85% Post consumer recycled materials	1
MR credit 4.2 recycled content 20%	BlastBlock BlastBatt is manufactured using a minimum of 85% recycled content 20% post consumer recycled materials	1
MR credit 5.2 regional materials	Manufactured within 500 miles	1
EQ credit 3.2 Indoor Air Quality	BlastBlock BlastBatt has low VOCs emissions	1