



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

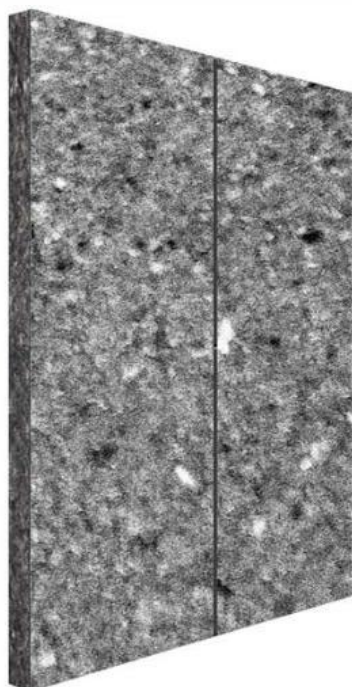


BLASTBLOCK

BLASTBATT ECS
ACOUSTIC

BLASTBLOCK

BLASTBATT ECS ACOUSTIC



BlastBlock BlastBatt is a high performance sound absorption and thermal insulation product designed for wall, ceiling and subfloor applications. Made from 100% polyester fibers (instead of fiberglass) including 85% regenerated fibers reclaimed from post consumer discarded plastic drinking water bottles. BlastBlock BlastBatt is an environmentally friendly product and fully recyclable.

APPLICATIONS

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 school, office, wherever noise reduction is desired.

SPECIFICATIONS

	ECS40	ECS50
Product	BlastBlock Sound Absorber	BlastBlock Sound Absorber
Material	100% Polyester batt	100% Polyester batt
Thickness	40 mm +/-10%	50 mm +/-10%
Batt Size	0.40 x 1.20 m 0.60 x 1.20 m	0.40 x 1.20 m 0.60 x 1.20 m
NRC	0.80	0.80
Application	Inlay Batt for heat and sound insulation	Inlay Batt for heat and sound insulation

DURABLES AND SAFE

BlastBlock 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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WALL INSULATION

Blasblock 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. Blasblock BlastBatt is ideal for hotel, school, office, meeting room, or home wherever noise reduction is desired.

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.

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

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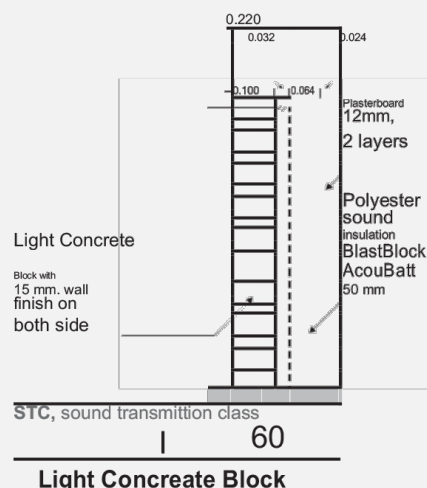
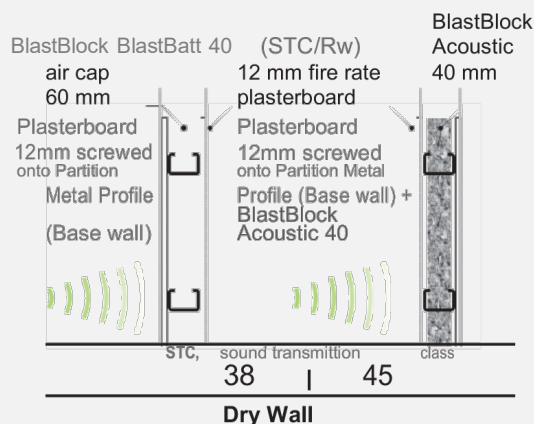
ACOUSTIC PERFORMANCE

BlastBlock Acoustic, ECS has been tested in accordance with ISO 354 Acoustic Measurement of sound absorption in a reverberation room and exhibits Noise Reduction Coefficient (NRC) of 0.80 which typically reduce reverberated noise by approximately 80%

SOUND ABSORPTION

Absorption Coefficient						NRC
125	250	500	1000	2000	4000	
0.15	0.52	0.75	0.93	1.02	0.99	0.80

MOUNTING : Type “A” per ASTM Designation E795-05, “Standard Practices for Mounting Test Specimens During Sound Absorption Tests”.



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

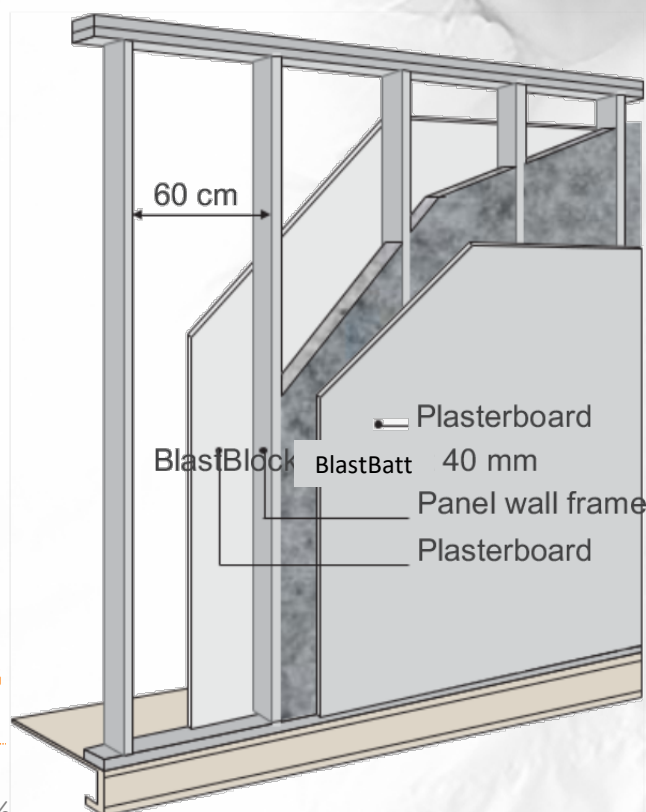
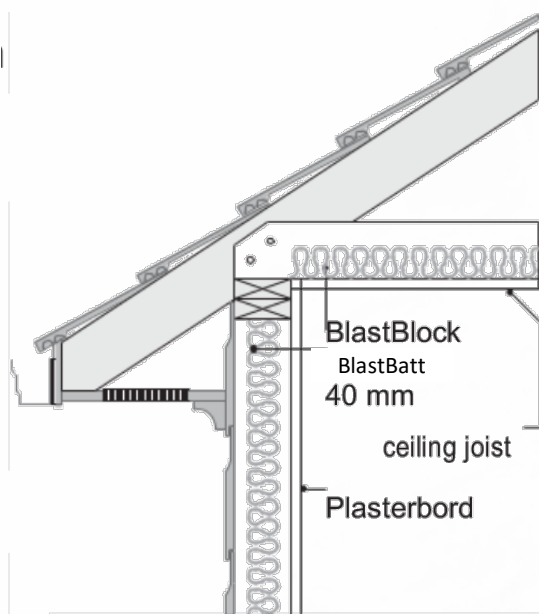
	ECS 40	ECS 50
Thermal Conductivity (K-Value) (w/mk)	0.037	0.041
Thermal Resistance (R-Value) (m2 k/w)	1.087	1.238

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ACOUBATT ECOFACE ACOUSTIC

GUIDE TO INSTALLATION

BlastBatt is supplied in sheets. As the batts are safe and soft, no precautions or personal protective outfit is required for handling and installation. Our product can be easily torn or cut with a pair of industrial scissors or cutter. Off cut can be used to fill corners and gaps, eliminating any waste.



BLASTBLOCK BLASTBATT'S OUTSTANDING FEATURES AND BENEFITS

- Superior in sound absorption and thermal insulation Recycled content more than 85%
- Fully recyclable at the end of its useful life
- 100% Polyester fibers are clean and safe
- Non toxic, non irritant, non allergenic and odorless
- Rated low Volatile Organic Compound (VOC's)
- Free of formaldehyde/Phenol/Ammonia
- Will not absorb moisture or deteriorate over time
- Naturally resistant to insect and vermin attack