



INTRODUCING:

TIMBERBATT

High Performance Cavity Insulation

BY  **TIMBERHP**

TimberBatt is a flexible, press-fit batt insulation composed of refined softwood fiber treated with borate. Borate is a flame retardant that also inhibits mold growth and mildew. TimberBatt offers R-4+ per inch with a density and composition that reduces air infiltration for vapor-open assemblies with industry-leading sound dampening.

TimberBatt is an ideal thermal and acoustic insulation for wall, floor, and roof assemblies.

Key Attributes

- R-4+ per inch, Vapor Open
- Press-fit, easy handling, cutting, and install
- No itchy fibers
- Resists temperature fluctuations in conditioned spaces due to high density, low thermal conductivity, and high heat capacity—insulation for all seasons
- ASTM E84 Class A Flame and Smoke Spread
- Carbon storing, renewable/sustainable
- Reduces airflow and reduces cavity windwashing
- Industry-leading acoustic performance
- Liquid applied borate inhibits mold / mildew (ASTM 739)

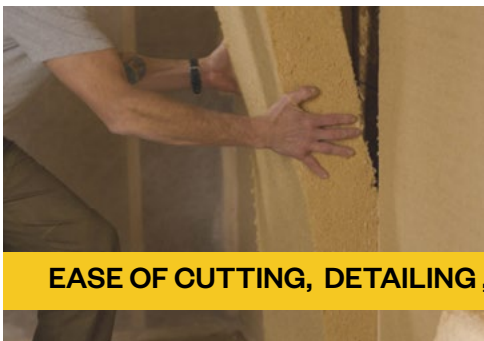


TECHNICAL DATA

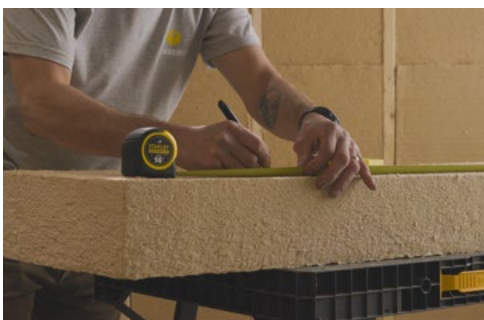
Description	Press Fit Batt Insulation for wood frame and steel stud cavities
Full Declaration	Wood fibers, polyamide fibers, boric acid
R-Value	4.0+ / inch
Vapor Permeability	46 perm @ 1 inch
Fire Protection	ASTM E84 Class A Flame / Smoke

DIMENSIONS

Batt Thickness	3" ; 3.5" ; 5.5" ; 6" ; 7.25"
Batt Width	15" and 23" (wood stud); 16" and 24" (steel stud)
Batt Length	47" (wood stud), 48" (steel stud)



EASE OF CUTTING, DETAILING, AND INSTALLING





Fire Resistant

TimberBatt insulation achieves ASTM E84 Class A flame and smoke spread ratings

Fire Ratings

1 and 2 Hour fire rated wall assemblies are available from ICC-ES Listing Report (ESL 1595). Click or scan the QR Code to learn more ▶



Cutting Tools

Please visit www.timberhp.com/products/timberbatt for more information and product sourcing



TimberBatt Custom Knife



Linzen Insulation Knife



Bahco Insulation Saw

Product Offering & Coverage

Wood Stud

ACOUSTIC	batt size	pieces / pack	coverage
2x4 stud, 16" o.c.	3" x 15" x 47"	8 PCS/PAC	39.2 sq.ft.
2x4 stud, 24" o.c.	3" x 23" x 47"	8 PCS/PAC	60 sq.ft.
R-14			
2x4 stud, 16" o.c.	3.5" x 15" x 47"	7 PCS/PAC	34.3 sq.ft.
2x4 stud, 24" o.c.	3.5" x 23" x 47"	7 PCS/PAC	52.5 sq.ft.
R-22			
2x6 stud, 16" o.c.	5.5" x 15" x 47"	4 PCS/PAC	19.6 sq.ft.
2x6 stud, 24" o.c.	5.5" x 23" x 47"	4 PCS/PAC	30 sq.ft.
R-30			
2x8 stud, 16" o.c.	7.25" x 15" x 47"	3 PCS/PAC	14.7 sq.ft.
2x8 stud, 24" o.c.	7.25" x 23" x 47"	3 PCS/PAC	22.5 sq.ft.

Steel Stud

ACOUSTIC	batt size	pieces / pack	coverage
3 5/8" stud, 16" o.c.	3" x 16" x 48"	8 PCS/PAC	42.7 sq.ft.
3 5/8" stud, 16" o.c.	3" x 24" x 48"	8 PCS/PAC	64 sq.ft.
3 5/8" stud, 16" o.c.	3.5" x 16" x 48"	7 PCS/PAC	37.3 sq.ft.
3 5/8" stud, 16" o.c.	3.5" x 24" x 48"	7 PCS/PAC	56 sq.ft.
6" stud 16" o.c.	6" x 16" x 48"	4 PCS/PAC	21.3 sq.ft.
6" stud, 16" o.c.	6" x 24" x 48"	4 PCS/PAC	32 sq.ft.



Acoustic Testing Data

Material Details: TimberBatt | Thickness 5 - 1/2" | NRC 1.15 | RAL # A22-007

The NRC (Noise Reduction Coefficient) represents the percent of sound directed at the surface that is absorbed by the wood fiber insulation. Anything over .80 is very effective.

ASSEMBLY	STC	OITC	RAL #
3-5/8" Metal Studs 16" o.c. TimberBatt acoustic, RCSD on Source Side, Single Layer Of 5/8" Type X Gypsum Board on Both Sides	53	34	TL23-007
3-5/8" Metal Studs 16" o.c. TimberBatt acoustic, Single Layer of 5/8" Type X Gypsum Board on Both Sides	46	30	TL23-008
3-5/8" Metal Studs 24" o.c. TimberBatt acoustic, RCSD on Source Side, Single Layer Of 5/8" Type X Gypsum Board on Both Sides	53	32	TL23-009
3-5/8" Metal Studs 24" o.c. TimberBatt acoustic, Single Layer Of 5/8" Type X Gypsum Board on Both Sides	49	30	TL23-010
2x4 Wood Studs Studs 16" o.c. TimberBatt, RCSD on Source Side, Single Layer Of 5/8" Type X Gypsum Board on Both Sides	50	31	TL23-012
2x6 Wood Studs Studs 16" o.c. TimberBatt, RCSD on Source Side, Single Layer Of 5/8" Type X Gypsum Board on Both Sides	55	37	TL23-015



TIMBERHP
INSULATE BETTER. LIVE BETTER.™

Manufactured by:

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