

PRODUCT DATA SHEET

TimberFill by TimberHP

Product Description

TimberFill blown-in insulation is made of FSC-certified softwood chips refined into a loose-bodied fiber and then blended with borate. Borate is a flame retardant that also inhibits mold and mildew growth. The product is packed in 25lb poly bags and stacked 48 or 42 bags per pallet.

Applications

TimberFill is ideal for both new construction and renovation. Both professionals and do-it-yourselfers can install the product with ease in attic spaces and dense pack in wall, floor, and ceiling cavities using traditional insulation blowers.









LOOSE FILL APPLICATIONS

R-Value at 75° F Mean Temp	Settled Thick- ness (inches)	Max Sq. Ft./ Bag 56.5 37.7 32.3	
13	4.0		
19	5.7		
22	6.6		
26	7.8	27.1	
30	8.9	23.3 21.8	
32	9.5		
38	11.3	18.3 17.3	
40 45	11.9		
	13.4	15.3	
48	14.2	14.4 14.1	
49	14.5		
60	17.8	11.4	

Market Position

The size and shape of fibers prevent settling over time, resulting in assemblies with stable, effective R-values. Introducing flame retardant to wood fiber during wet-phase processing results in consistent and long-term fire performance of TimberFill. TimberFill is a universal blown-in solution and is environmentally responsible and safe to install.

TECHNICAL DATA

Description	Wood Fiber Blown- In Insulation	
Fire Protection	ASTM E84 Class A Flame / Smoke (Borate)	

L)escription	n Insulation
Fire Protection A	ASTM E84 Class A Flame / Smoke (Borate)

DENSE-PACK APPLICATIONS

Sidewall and Floor Coverage Chart at 3lbs / ft3

Framing	Installed Thickness (inches)	Thermal Resis- tance (R value)	Minimum Wt Per Sq. Ft (lb / ft ³⁾	16 inch o.c. ft²/ Bag	24 inch o.c. ft²/ Bag
2 x 4	3.5	13	.88	32.9	31.4
2 x 6	5.5	21	1.38	20.9	20.0
2 x 8	7.25	28	1.81	15.9	15.2
2 x 10	9.25	35	2.31	12.4	11.9

Key Attributes

- Low thermal conductivity and high heat storage
- Resists settling in dense-pack applications due to interlocking wood fibers
- ASTM E84 Class A <25 Flame and <450 Smoke spread
- Pure, consistent feedstock with no toxins or plastic contaminants
- Industry-leading acoustic performance
- Manages moisture hydroscopic and vapor open
- Renewable and recyclable
- Carbon-storing
- Liquid applied borate inhibits mold / mildew (ASTM C739)
- Click Here for the 3-part spec



1 Main Street Madison, Maine 04950 www.timberhp.com 1-855-755-1359



This document is applicable in conjunction with other TimberHP documentation. Please heed our detailed application notes in your application. National building regulations must be complied with. Information on and suitability of the material for the intended purpose must in each case be examined by the customer. TimberHP® accepts no liability. This also applies to printing errors and subsequent amendments to technical data. REV 8-2023

