

INSULATE BETTER. LIVE BETTER.™

## 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 and deters insects. The product is packed in 25lb poly bags and stacked 48 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.

### 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
R-Value	3.8 / inch
Fire Protection	ASTM E84 Class A Flame / Smoke (Boric Acid)

### Key Attributes

- R-3.8 per inch
- Low thermal conductivity and high heat storage
- Resists settling due to interlocking wood fibers
- ASTM E84 Class A Flame and Smoke
- Pure, consistent feedstock with no toxins or plastic contaminants
- Industry-leading acoustic performance
- Manages moisture - hydroscopic and vapor open
- Renewable and recyclable
- Negative carbon footprint
- Inhibits mold / mildew and deters pests

### LOOSE FILL APPLICATIONS

Bags / sq. ft.	R-Value at 75° F Mean Temp	Minimum Thickness (inches)
12.5	11	3.3
14.5	13	3.9
22.5	19	5.8
26.2	22	6.7
33.1	26	7.9
42.1	30	9.7
51.7	38	11.5
56.1	40	12.1
63.7	44	13.3
73.1	49	14.8
75.0	50	15.2
90.5	60	15.8

### DENSE-PACK APPLICATIONS

Sidewall and Floor Coverage Chart\* at 3lbs / ft<sup>3</sup> \* approximate values based on European product

Framing	Installed Thickness (inches)	Thermal Resistance (R value)	Minimum Wt Per Sq. Ft (lb / ft <sup>3</sup> )	16 inch o.c. ft <sup>2</sup> / Bag	24 inch o.c. ft <sup>2</sup> / Bag
2 x 4	3.5	13	.88	31.4	30.5
2 x 6	5.5	21	1.38	20	19.4
2 x 8	7.25	28	1.81	15.1	14.7
2 x 10	9.25	35	2.31	11.9	11.5

### TimberHP by GO Lab

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