

## 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**

R-Value at 75° F Mean Temp	Settled Thickness (inches)	Max Sq. Ft./ Bag
13	3.4	74.2
19	5	47.1
22	5.8	40.7
26	6.8	34.1
30	7.9	29.6
32	8.4	27.7
38	10.0	21.8
40	10.5	20.5
44	11.6	18.5
48	12.6	15.7
49	12.9	15.3
60	16.2	12.1

**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	32.9	31.4
2 x 6	5.5	21	1.38	20.9	20.0
2 x 8	7.25	28	1.88	15.3	14.7
2 x 10	9.25	35	2.31	12.4	11.9

