

## 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.

**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)

**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 - hygroscopic and vapor open
- Renewable and recyclable
- Carbon-storing
- Liquid applied borate inhibits mold / mildew (ASTM C739)
- [Click Here](#) for the 3-part spec

**LOOSE FILL APPLICATIONS**

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

**DENSE-PACK APPLICATIONS**

Sidewall and Floor Coverage Chart at 3lbs / ft<sup>3</sup>

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	1.81	15.9	15.2
2 x 10	9.25	35	2.31	12.4	11.9

