

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-<br>In Insulation            |  |
|-----------------|---|--|
| Fire Protection | ASTM E84 Class<br>A Flame / Smoke<br>(Borate) |  |

### **DENSE-PACK APPLICATIONS**

LOOSE FILL APPLICATIONS

Settled Thick-

ness (inches)

4.0

5.7

6.6

7.8

8.9

9.5

11.3

11.9

13.4

14.2

14.5

17.8

R-Value at 75° F

Mean Temp

13

19

22

26

30

32

38

40

45

48

49

60

Sidewall and Floor Coverage Chart at 3lbs / ft3

| Framing | Installed Thickness (inches) | Thermal Resis-<br>tance (R value) | Minimum Wt Per<br>Sq. Ft (lb / ft <sup>3)</sup> | 16 inch o.c. ft²/ Bag | 24 inch o.c.<br>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                     |

Max Sq. Ft./

Bag

56.5

37.7

32.3

27.1

23.3

21.8

18.3

17.3

15.3

14.4

14.1

11.4

## **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</li> 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

# **TimberHP**

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