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

Max Sq. Ft./

Bag

74.2

47.1

40.7

34.1

29.6

27.7

21.8

20.5

18.5

15.7

15.3

12.1

Thermal Resis-

tance (R value)

13

21

28

35

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

* approximate values based on European product

Minimum Wt Per

Sq. Ft (lb / ft³⁾

.88

1.38

1.88

2.31

Description	Wood Fiber Blown- In Insulation
R-Value	3.8 / inch
Fire Protection	ASTM E84 Class A Flame / Smoke (Boric Acid)

16 inch o.c.

ft²/Bag

32.9

20.9

15.3

12.4

- 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

TimberHP

Framing

2 x 4

2 x 6

2 x 8

2 x 10

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LOOSE FILL APPLICATIONS

Settled Thick-

ness (inches)

3.4

5

5.8

6.8

7.9

8.4

10.0

10.5

11.6

12.6

12.9

16.2

R-Value at 75° F

Mean Temp

13

19

22

26

30

32

38

40

44

48

49

60

DENSE-PACK APPLICATIONS

Sidewall and Floor Coverage Chart* at 3lbs / ft³

Installed Thickness

(inches)

3.5

5.5

7.25

9.25



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 4-2023

24 inch o.c.

ft²/Bag

31.4

20.0

14.7

11.9



