

INSULATE BETTER. LIVE BETTER.™

PRODUCT DATA SHEET

TimberFill by TimberHP

Product Description

TimberFill blown-in insulation is made of residual 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 20lb poly bags and stacked 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.

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

TECHNICAL DATA

Description	Wood Fiber Blown-In Insulation
Fire Protection	ASTM E84 Class A Flame / Smoke (Borate)

Coverage Chart

To view our comprehensive coverage chart for TimberFill, please visit:

www.timberhp.com/timberfill

NEW 20 lb. BAG

TimberFill is now available in a 20lb bag! Same great coverage per board foot with easier handling and improved equipment compatibility.

Attic Coverage Chart

LOOSE-FILL ATTIC BLANKET APPLICATION 20lb (Bag) Bag of TimberFill

Blow Rate (CFM)	Minimum Thickness (inches)		Net Coverage (as adjustment for framing)		Net Coverage (adjusted for 10" center joists)	
	Installed Thickness	Setback Thickness	Maximum Sq. Ft. per Bag	Minimum Sq. Ft. per 100 Sq. Ft.	Maximum Sq. Ft. per 100 Sq. Ft.	Minimum R-Value per 100 Sq. Ft.
11	3.8	3.4	54.1	18.5	9.37	9.37
13	4.4	4.0	46.8	22	9.44	9.44
15	4.9	4.5	40.8	25	9.50	9.50
17	5.4	5.0	35.8	28	9.56	9.56
19	5.9	5.5	31.5	31	9.62	9.62
21	6.4	6.0	27.8	34	9.68	9.68
23	6.9	6.5	24.5	37	9.74	9.74
25	7.4	7.0	21.5	40	9.80	9.80
27	7.9	7.5	18.8	43	9.86	9.86
29	8.4	8.0	16.5	46	9.92	9.92
31	8.9	8.5	14.5	49	9.98	9.98
33	9.4	9.0	12.8	52	10.04	10.04
35	9.9	9.5	11.4	55	10.10	10.10
37	10.4	10.0	10.2	58	10.16	10.16
39	10.9	10.5	9.1	61	10.22	10.22
41	11.4	11.0	8.1	64	10.28	10.28
43	11.9	11.5	7.2	67	10.34	10.34
45	12.4	12.0	6.4	70	10.40	10.40
47	12.9	12.5	5.7	73	10.46	10.46
49	13.4	13.0	5.1	76	10.52	10.52
51	13.9	13.5	4.5	79	10.58	10.58
53	14.4	14.0	4.0	82	10.64	10.64
55	14.9	14.5	3.5	85	10.70	10.70
57	15.4	15.0	3.1	88	10.76	10.76
59	15.9	15.5	2.7	91	10.82	10.82
61	16.4	16.0	2.4	94	10.88	10.88
63	16.9	16.5	2.1	97	10.94	10.94
65	17.4	17.0	1.8	100	11.00	11.00
67	17.9	17.5	1.6	103	11.06	11.06
69	18.4	18.0	1.4	106	11.12	11.12
71	18.9	18.5	1.2	109	11.18	11.18
73	19.4	19.0	1.0	112	11.24	11.24
75	19.9	19.5	0.9	115	11.30	11.30
77	20.4	20.0	0.8	118	11.36	11.36
79	20.9	20.5	0.7	121	11.42	11.42
81	21.4	21.0	0.6	124	11.48	11.48
83	21.9	21.5	0.5	127	11.54	11.54
85	22.4	22.0	0.4	130	11.60	11.60
87	22.9	22.5	0.3	133	11.66	11.66
89	23.4	23.0	0.2	136	11.72	11.72
91	23.9	23.5	0.2	139	11.78	11.78
93	24.4	24.0	0.1	142	11.84	11.84
95	24.9	24.5	0.1	145	11.90	11.90
97	25.4	25.0	0.1	148	11.96	11.96
99	25.9	25.5	0.1	151	12.02	12.02
101	26.4	26.0	0.1	154	12.08	12.08
103	26.9	26.5	0.1	157	12.14	12.14
105	27.4	27.0	0.1	160	12.20	12.20
107	27.9	27.5	0.1	163	12.26	12.26
109	28.4	28.0	0.1	166	12.32	12.32
111	28.9	28.5	0.1	169	12.38	12.38
113	29.4	29.0	0.1	172	12.44	12.44
115	29.9	29.5	0.1	175	12.50	12.50
117	30.4	30.0	0.1	178	12.56	12.56
119	30.9	30.5	0.1	181	12.62	12.62
121	31.4	31.0	0.1	184	12.68	12.68
123	31.9	31.5	0.1	187	12.74	12.74
125	32.4	32.0	0.1	190	12.80	12.80
127	32.9	32.5	0.1	193	12.86	12.86
129	33.4	33.0	0.1	196	12.92	12.92
131	33.9	33.5	0.1	199	12.98	12.98
133	34.4	34.0	0.1	202	13.04	13.04
135	34.9	34.5	0.1	205	13.10	13.10
137	35.4	35.0	0.1	208	13.16	13.16
139	35.9	35.5	0.1	211	13.22	13.22
141	36.4	36.0	0.1	214	13.28	13.28
143	36.9	36.5	0.1	217	13.34	13.34
145	37.4	37.0	0.1	220	13.40	13.40
147	37.9	37.5	0.1	223	13.46	13.46
149	38.4	38.0	0.1	226	13.52	13.52
151	38.9	38.5	0.1	229	13.58	13.58
153	39.4	39.0	0.1	232	13.64	13.64
155	39.9	39.5	0.1	235	13.70	13.70
157	40.4	40.0	0.1	238	13.76	13.76
159	40.9	40.5	0.1	241	13.82	13.82
161	41.4	41.0	0.1	244	13.88	13.88
163	41.9	41.5	0.1	247	13.94	13.94
165	42.4	42.0	0.1	250	14.00	14.00
167	42.9	42.5	0.1	253	14.06	14.06
169	43.4	43.0	0.1	256	14.12	14.12
171	43.9	43.5	0.1	259	14.18	14.18
173	44.4	44.0	0.1	262	14.24	14.24
175	44.9	44.5	0.1	265	14.30	14.30
177	45.4	45.0	0.1	268	14.36	14.36
179	45.9	45.5	0.1	271	14.42	14.42
181	46.4	46.0	0.1	274	14.48	14.48
183	46.9	46.5	0.1	277	14.54	14.54
185	47.4	47.0	0.1	280	14.60	14.60
187	47.9	47.5	0.1	283	14.66	14.66
189	48.4	48.0	0.1	286	14.72	14.72
191	48.9	48.5	0.1	289	14.78	14.78
193	49.4	49.0	0.1	292	14.84	14.84
195	49.9	49.5	0.1	295	14.90	14.90
197	50.4	50.0	0.1	298	14.96	14.96
199	50.9	50.5	0.1	301	15.02	15.02
201	51.4	51.0	0.1	304	15.08	15.08
203	51.9	51.5	0.1	307	15.14	15.14
205	52.4	52.0	0.1	310	15.20	15.20
207	52.9	52.5	0.1	313	15.26	15.26
209	53.4	53.0	0.1	316	15.32	15.32
211	53.9	53.5	0.1	319	15.38	15.38
213	54.4	54.0	0.1	322	15.44	15.44
215	54.9	54.5	0.1	325	15.50	15.50
217	55.4	55.0	0.1	328	15.56	15.56
219	55.9	55.5	0.1	331	15.62	15.62
221	56.4	56.0	0.1	334	15.68	15.68
223	56.9	56.5	0.1	337	15.74	15.74
225	57.4	57.0	0.1	340	15.80	15.80
227	57.9	57.5	0.1	343	15.86	15.86
229	58.4	58.0	0.1	346	15.92	15.92
231	58.9	58.5	0.1	349	15.98	15.98
233	59.4	59.0	0.1	352	16.04	16.04
235	59.9	59.5	0.1	355	16.10	16.10
237	60.4	60.0	0.1	358	16.16	16.16
239	60.9	60.5	0.1	361	16.22	16.22
241	61.4	61.0	0.1	364	16.28	16.28
243	61.9	61.5	0.1	367	16.34	16.34
245	62.4	62.0	0.1	370	16.40	16.40
247	62.9	62.5	0.1	373	16.46	16.46
249	63.4	63.0	0.1	376	16.52	16.52
251	63.9	63.5	0.1	379	16.58	16.58
253	64.4	64.0	0.1	382	16.64	16.64
255	64.9	64.5	0.1	385	16.70	16.70
257	65.4	65.0	0.1	388	16.76	16.76
259	65.9	65.5	0.1	391	16.82	16.82
261	66.4	66.0	0.1	394	16.88	16.88
263	66.9	66.5	0.1	397	16.94	16.94
265	67.4	67.0	0.1	400	17.00	17.00
267	67.9	67.5	0.1	403	17.06	17.06
269	68.4	68.0	0.1	406	17.12	17.12
271	68.9	68.5	0.1	409	17.18	17.18
273	69.4	69.0	0.1	412	17.24	17.24
275	69.9	69.5	0.1	415	17.30	17.30
277	70.4	70.0	0.1	418	17.36	17.36
279	70.9	70.5	0.1	421	17.42	17.42
281	71.4	71.0	0.1	424	17.48	17.48
283	71.9	71.5	0.1	427	17.54	17.54
285	72.4	72.0	0.1	430	17.60	17.60
287	72.9	72.5	0.1	433	17.66	17.66
289	73.4	73.0	0.1	436	17.72	17.72
291	73.9	73.5	0.1	439	17.78	17.78
293	74.4	74.0	0.1	442	17.84	17.84
295	74.9	74.5	0.1	445	17.90	17.90
297	75.4	75.0	0.1	448	17.96	17.96
299	75.9	75.5	0.1	451	18.02	18.02
301	76.4	76.0	0.1	454	18.08	18.08
303	76.9	76.5	0.1	457	18.14	18.14
305	77.4	77.0	0.1	460	18.20	18.20
307	77.9	77.5	0.1	463	18.26	18.26
309	78.4	78.0	0.1	466	18.32	18.32
311	78.9	78.5	0.1	469	18.38	18.38
313	79.4	79.0	0.1	472	18.44	18.44
315	79.9	79.5	0.1	475	18.50	18.50
317	80.4	80.0	0.1	478	18.56	18.56
319	80.9	80.5	0.1	481	18.62	18.62
321	81.4	81.0	0.1	484	18.68	18.68
323	81.9	81.5	0.1	487	18.74	18.74
325	82.4	82.0	0.1	490	18.80	18.80
327	82.9	82.5	0.1	493	18.86	18.86
329	83.4	83.0	0.1	496	18.92	18.92
331	83.9	83.5	0.1	499	18.98	18.98
333	84.4	84.0	0.1	502	19.04	19.04
335	84.9	84.5	0.1	505	19.10	19.10
337	85.4	85.0	0.1	508	19.16	19.16
339	85.9	85.5	0.1	511	19.22	19.22
341	86.4	86.0	0.1	514	19.28	19.28
343	86.9	86.5	0.1	517	19.34	19.34
345	87.4	87.0	0.1	520	19.40	19.40
347	87.9	87.5	0.1	523	19.46	19.46
349	88.4	88.0	0.1	526	19.52	19.52
351	88.9	88.5	0.1	529	19.58	19.58
353	89.4	89.0	0.1	532	19.64	19.64
355	89.9	89.5	0.1	535	19.70	19.70
357	90.4	90.0	0.1	538	19.76	19.76
359	90.9	90.5	0.1	541	19.82	19.82
361	91.4	91.0	0.1	544	19.88	19.88
363	91.9	91.5	0.1	547	19.94	19.94
365	92.4	92.0	0.1	550	20.00	20.00
367	92.9	92.5	0.1	553	20.06	20.06