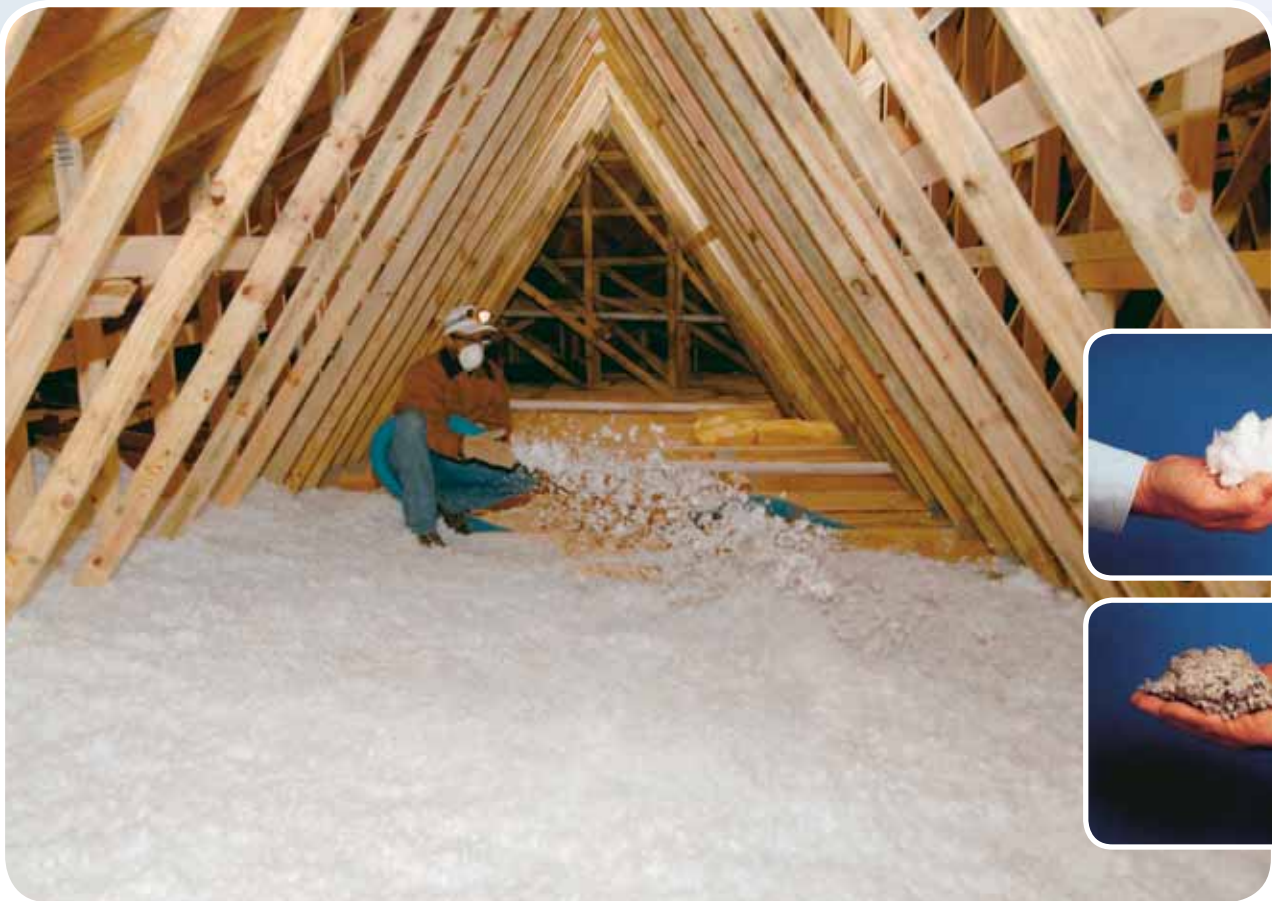


CertainTeed

Loose-Fill Insulation

Flammability Test



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Putting the flammability of loose-fill attic insulation to the test

Fiber glass manufacturers claim their products are noncombustible. Cellulose insulation makers say their shredded and chemically treated newspaper insulation resists fire. (Properly installed, cellulose insulation poses no fire hazard, but when improperly installed it can be a serious fire threat.)

So, who's right? A very simple demonstration shows the flammability of cellulose. But just as dramatically, this test also shows the superior fire resistance of InsulSafe® attic blowing insulation.

Perhaps most importantly, this test questions whether the compromise in safety is worth the cheaper price of cellulose. As you'll observe, cellulose makers' claim of fire resistance simply goes up in smoke. CertainTeed loose-fill insulation's claim of fire protection is, however, fireproof.

Start: Trouble lights, with a 60 watt bulb, placed on the insulation.



After 30 minutes: Combustion continued to spread in the cellulose. The light, inserted back into the InsulSafe, still had no effect.



After 5 minutes: Smoldering combustion had begun in the cellulose side. There was no effect on the InsulSafe.



After 15 minutes: The light was removed from the cellulose, but combustion continued. There was no effect on InsulSafe.



After 47 minutes: The combustion of the cellulose spread to the wood divider. There was still no effect on the InsulSafe.



After 60 minutes: Combustion had consumed most of the cellulose, causing significant damage to the wood. Again, no effect on the InsulSafe.



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