



AMERROCK PRODUCTS, LP
Manufactures of
Premium Plus™
Rockwool Insulation

ROCKWOOL PREMIUM PLUS™ WALL SPRAY AS AN IGNITION BARRIER

Within an attic or crawl space, the International Building Code recognizes 1.5” of mineral fiber as an acceptable ignition barrier over foamed plastic¹.

Spray foam insulation is often applied to the underside of the residential roof deck in an unvented cathedral attic. This practice is commonly referred to as either a “conditioned attic” or a “sealed attic”. Spray polyurethane foam properly used in this application has been proven to provide energy efficient buildings especially when a significant portion of the HVAC ducting is in the attic space. This conditioned attic practice is popular in the southern states (zones 1-3) using open cell spray polyurethane foam. It is gaining acceptance in the colder climates using closed cell spray polyurethane foam. The current International Building Code (IBC) requires spray polyurethane foam to be separated from the building occupants with a 15 minute thermal barrier (e.g. 1/2” gypsum wall board) or in attics and crawl spaces by an ignition barrier.

Some benefits of using Rockwool as an ignition barrier:

- Additional R-Value – currently Rockwool will provide and R-Value of 6 for the 1 ½” of spray.
- Become more competitive – The ability to reduce your foam spray by 2” and still maintain the necessary R-Value.
- Fire protection for the entire roof deck.

¹IBC Section 2603.4.1.6 Attics and crawl spaces. Within an attic or crawl space where entry is made only for service of utilities, foam plastic insulation shall be protected against ignition by 1.5-inch-thick (38 mm) mineral fiber insulation; 0.25-inch-thick (6.4 mm) wood structural panel, particleboard or hardboard; 0.375-inch (9.5 mm) gypsum wallboard, corrosion-resistant steel having a base metal thickness of 0.016 inch (0.4 mm) or other approved material installed in such a manner that the foam plastic insulation is not exposed. The protective covering shall be consistent with the requirements for the type of construction.