

## NO-BURN® PLUS Mih - An Index 15 Thermal Barrier

NO-BURN® PLUS Mih is a dual action specialty intumescent coating product formulated to protect wood or other substrates from fire while inhibiting the growth of toxic black mold. It is a latex paint that can be applied directly to the OSB surface of a PorterSIP panel and can be used as a primer before painting. It carries a Class A fire rating, and passed the UL 715 thermal barrier test.



### How does it work?

NO-BURN® PLUS Mih is paint that works through an intumescent reaction which causes the material to swell and form a carbon layer when exposed to fire that insulates the coated substrate. It keeps the ignition source from using the object that it is applied to as fuel by forming a protective layer between the object and the fire, thus eliminating the chemical chain reaction. NO-BURN® PLUS Mih can prevent a fire before it starts by eliminating the components necessary for fire to occur and is considered a "proactive" fire protection measure.

NO-BURN® PLUS Mih also provides mold-resistant protection, inhibiting the growth of toxic black mold (*stachybotrus chartarum*), according to ASTM D5590-94.

### Savings

No-Burn eliminates the need for drywall, as it provide the code-prescribed 15-minute thermal barrier rating without the need for typical membrane protection, commonly provided by gypsum wallboard. Thermal barriers are required as a method of separating foam plastic insulation from the interior of a building according to the International Building Code (IBC) section 2603.4. In practical terms, this means that materials such as the rigid insulation used in SIPs require a form of fire protection to be provided that allows the panel to "last" a minimum of 15-minutes in a fire situation so that inhabitants can exit the structure and the fire service can gain control of the fire. NO-BURN® PLUS Mih provides this 15 minute thermal barrier, eliminating the need for drywall, and potentially providing savings on the cost of materials and installation associate with drywall.

For more information, please visit [www.noburn.com](http://www.noburn.com).

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