

# Fire Performance of Foam Insulation

Members of the **North American Modern Building Alliance** are in the business of providing energy-efficient building products such as rigid foam board and spray foam insulations that meet stringent building code and fire safety standards. **Code-compliant products and installations can help protect building occupants, construction workers and first responders from fire-related death and injury in buildings.**

## Helping to Protect People, Homes and Buildings



Foam insulation when used in a code compliant roof covering assembly, on large buildings such as offices, schools and hotels, can provide crucial time for people to evacuate in the event of a fire.



Foam insulation, when used in a code compliant wall assembly, can help prevent or slow fires that result from short circuits or other electrical malfunctions in a home's or a building's electrical wiring.



First responders have a better chance of entering attics and crawl spaces when high-performing foam insulation is used in a code compliant assembly.

34.4



10.2

### Decreasing Fire Death Rates

Building codes, fire safety standards and education have contributed to a consistent decreasing trend in the civilian fire death rates in the United States. Since 1977, the number of civilian fire deaths per million population has declined by 70 percent, from 34.4 in 1977 to 10.2 in 2015.<sup>1</sup>



### Upholding Safety Standards

During the most recent ICC Code Development Cycle, the International Code Council's voting members rejected multiple code change proposals that would have undermined building fire safety and restricted the use of foam insulation.

#### References

1. National Fire Protection Association – <http://www.nfpa.org/-/media/Files/News-and-Research/Fire-statistics-and-reports/US-Fire-Problem/osTrends.pdf>