



SMOKE GUARD® *system*

Model 2100

Vertical Fire + Smoke Curtains



System Description. The Smoke Guard System Model 2100 is offered in both smoke-rated and fire-rated configurations (M2100|smoke and M2100|fire). These code compliant assemblies are designed to protect openings as part of a smoke control system. The M2100 consists of a smoke only or fire-rated textile curtain assembly mounted within a steel housing. The curtain is captured vertically on both sides by a side guide assembly. The curtain assembly is equipped with a bottom bar to seal the curtain at the bottom. Standard housing and side guide finish is galvanized, RAL colors available.

Dimensions

- Openings: ≤ 16' wide by ≤ 12' tall
- Housing height: 6.25"
- Housing depth: 6"

Standards

- UL 10B "Fire Tests of Door Assemblies" (20 min. without hose stream) listed by Intertek (fire-rated assemblies)
- UL 10C "Positive Pressure Fire Tests of Door Assemblies" (20 min. without hose stream) listed by Intertek (fire-rated assemblies)
- UL 10D "Fire Tests for Fire Protective Curtains" (2 hr.) listed by Intertek
- UL 864 "Control Units for Fire Protective Signaling Systems" listed by Intertek
- UL 1784 "Air Leakage Tests of Door Assemblies" listed by Intertek
- NFPA 105 "Installation of Smoke Control Door Assemblies"
- NFPA 252 "Standard Methods of Fire Tests of Door Assemblies" (20 minute)
- NFPA 80 Chapter 21

Code References

- 2006/2009/2012 IBC Section 909
- 2009 IBC Section 711.5.2
- 2012/2015/2018 IBC Section 710.5.2

Codes and Standards. M2100 fulfills IBC requirements to provide an opening protective, where these assemblies are permitted as passive barriers used in conjunction with smoke control systems. This smoke or fire-rated curtain system can serve as an opening protective for counter top, openings in corridor, and certain applications in atrium construction.



We believe life safety is a beautiful thing.

