



Smoke and Fire Curtains

## CASE STUDY | MEETING ATRIUM CODE REQUIREMENTS WITH FIRE PROTECTIVE CURTAINS

**Project:** MARS Petcare headquarters

**Location:** Franklin, Tennessee

**Client:** ASSA ABLOY Entrance Systems

**Product:** Fire Protective Curtain Fa

**Application:** Atrium Fire Curtain



### Brief:

Mars Petcare officially opened its North American headquarters on June 25, 2019. Completely open concept, the facility features floor to ceiling glass office space. The space was envisioned as an inviting, energetic, and pet-friendly workplace focused on flexible environments. The campus has two buildings connected by an indoor bridge to allow for easy movement and collaboration between both buildings. The five-story C building is called the cat building, and the four-story D building is called the dog building.

### Objective:

The objective was to protect two stairways enclosures by installing tree smoke and fire curtains to divide the staircases.



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### **Challenge:**

Very short lead time for a custom solution system around Christmas' time

### **Solution:**

Per IBC §404.6, atriums connecting two or more stories must be separated from adjacent spaces by a 1-hour fire barrier. Fire Curtain Technologies team worked together with the client to deliver the best custom solution for the building. The Fire Protective Curtain FA is UL 10D labeled for 60 minutes of fire-resistance and met with the requirements of the code in this project.