DATA CUT SHEET

MODEL **DSI-A1HR**

Accordion Fire Curtain

BURN TEST AT UL

The DSI Accordion Fire Curtain Model DSI-A1HR creates a one-hour opening protective fire barrier for a variety of applications without the need for columns or corner posts. Applications include atriums, stairwells, escalators, and other custom applications.

The curtain assembly comprises fire-rated fiberglass fabric uniquely folded into a compact head box that is typically installed above the ceiling with a finished bottom tray. This makes the system virtually invisible until activated.

The DSI-A1HR Accordion Fire Curtain is completely Gravity Fail Safe, resets automatically, and incorporates the latest in electronic technology. As a result, DSI-A1HR Accordion Curtain is one of the most advanced, yet cost-effective systems on the market.

Compliant with...

Code	Description
UL 10D	Fire protective Smoke Curtains – 1 hour
UL 1784	Air leakage test of door assemblies
ASTM E84	Class A Surface Building Characteristics of Building Materials
UL 10C	Without Hose Stream Test – 20 minutes
UL 10B	Without Hose Stream – 20 minutes
UL 864	Control Units for Fire Protective Signaling Systems

ADVANTAGES:

- Cost-effective
- Creates open space for your building design
- Compact design, low headroom requirements
- Virtually invisible design
- Lightweight, requires little to no structural support
- Unlimited width, custom sizes
- Code compliant
- Option for egress
- Battery backup system standard
- Fail-safe system with automatic reset

GUARANTEED QUALITY

Door Systems guarantee high quality products, tested to both UL and BS standards.

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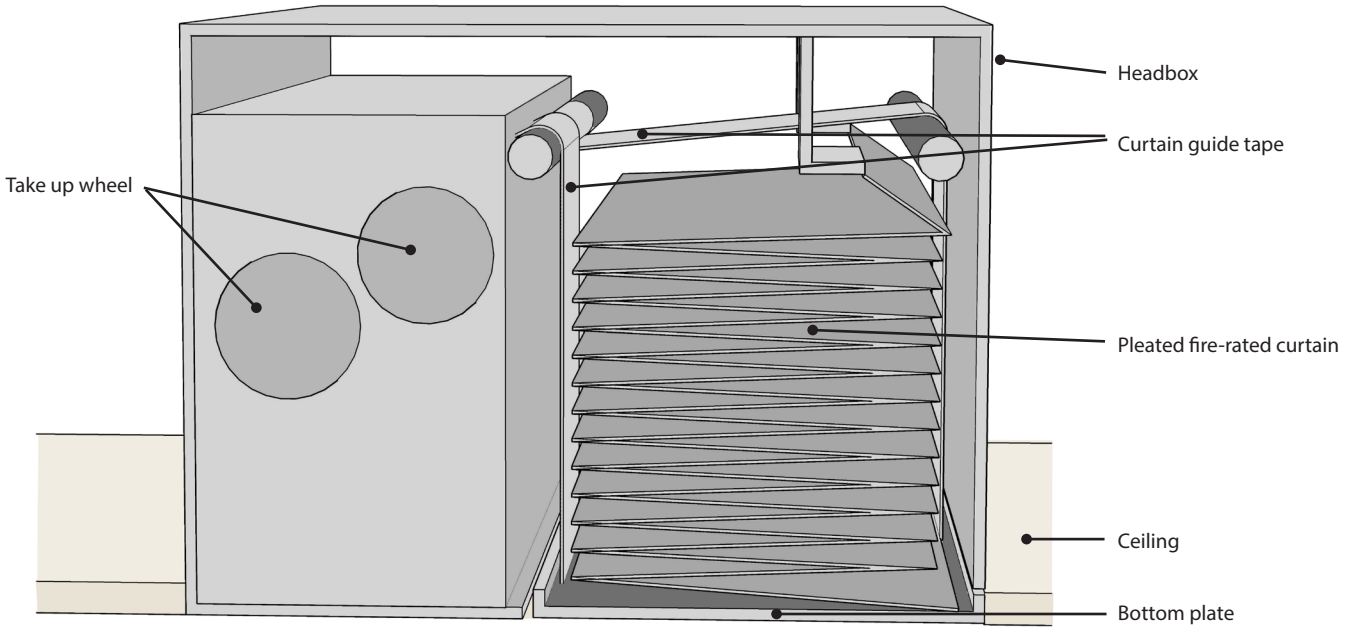
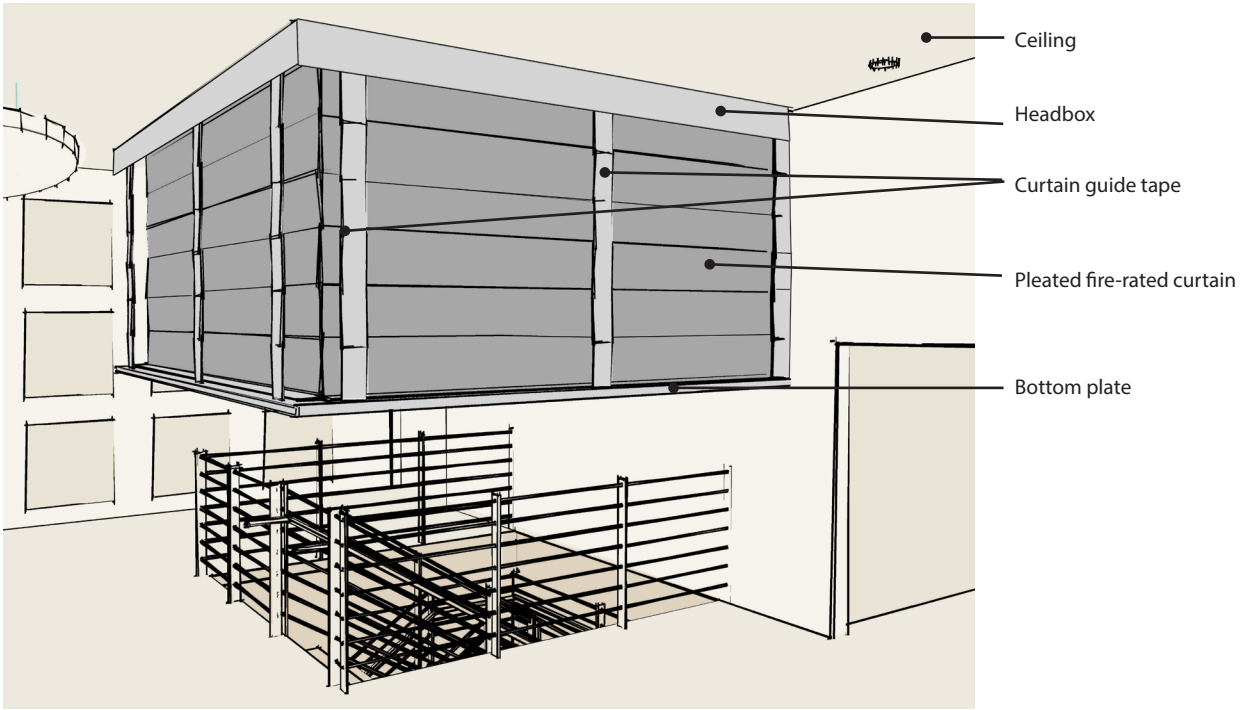
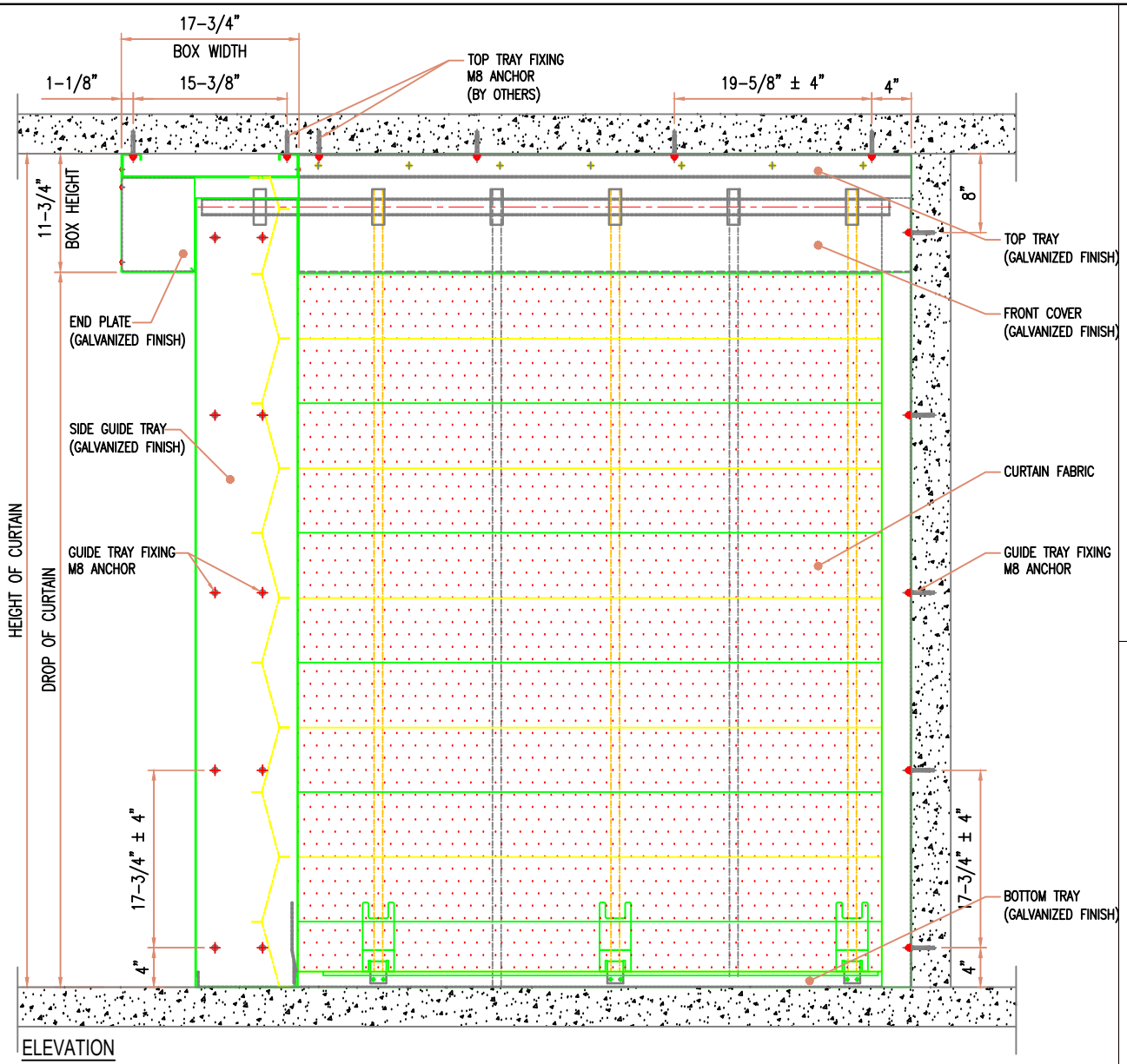
Accordion Fire Curtain

HEADBOX MECHANICS

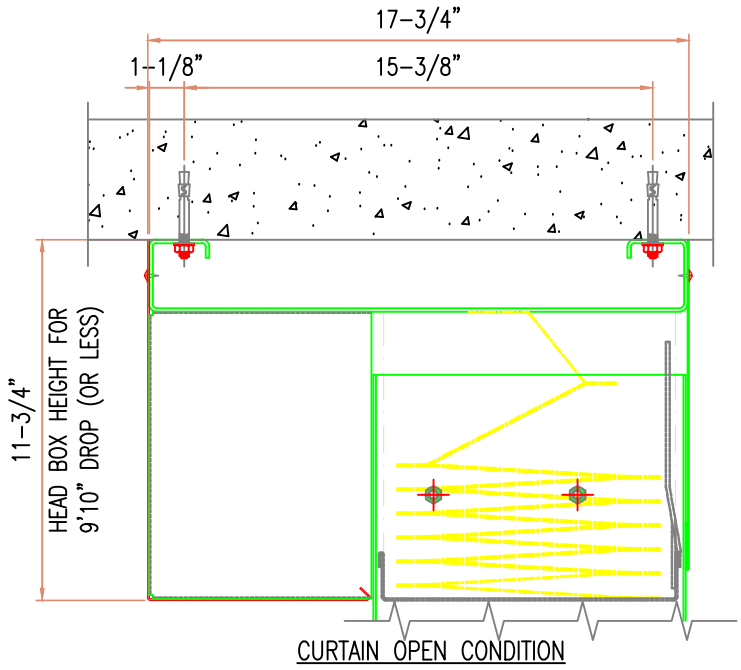


3 SIDED CURTAIN FOR STAIRWELL PROTECTION APPLICATION

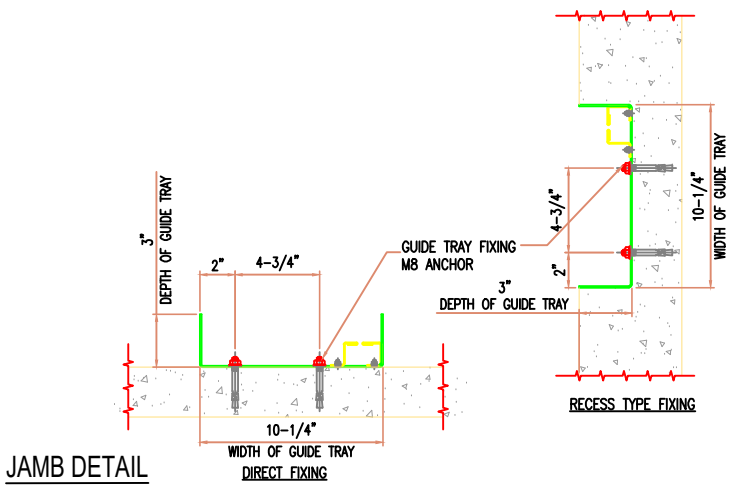




ELEVATION



HEADBOX DETAIL



JAMB DETAIL

DOOR SYSTEMS

www.doorsysinc.com

DSI-A1HR ACCORDION FIRE CURTAIN – ELEVATION, HEADBOX, JAMB DETAILS

SCALE: NTS

DRAWN: 06/2019

ACCORDION CURTAIN