LIBERTY HIGH SCHOOL

Code-Compliant Solutions for Educational Environments

ABOUT THE PROJECT

Liberty High School is the first new comprehensive high school in Lubbock County in nearly 60 years. As part of a multi-year construction project, the school's Field House required code-compliant fire and smoke protection for a long central corridor featuring glass storefronts.

Working with Powers Products Southwest, Smoke Guard supplied and helped install six M2100F vertical fire + smoke curtains, delivering a reliable and integrated fire-life safety solution tailored to the school's modern, open-concept design.

Product Benefits

- Code-compliant fire and smoke protection
- Seamless integration with glass storefronts and hallway design
- Reliable gravity-fail-safe performance with battery backup
- Efficient deployment via local smoke detection or fire panel signal

Project Details

Client/End User
Lubbock-Cooper Independent School District (LCISD)

Distributor/Installer
Powers Products Southwest

Architect/Designer
Parkhill Architecture / Stantec / Smoke Guard

Location
Lubbock, TX

Project Year(s)
2023-2026 (Smoke Guard: 2024)

Product Scope/Technologies
M2100F vertical fire + smoke curtains (SGTEX-30 fire-rated material) – 6 total

Building Segment/Application
Education (K-12) / High School

Liberty High School

Engineered Smoke Protection for Modern School Design

DESIGN SOLUTION

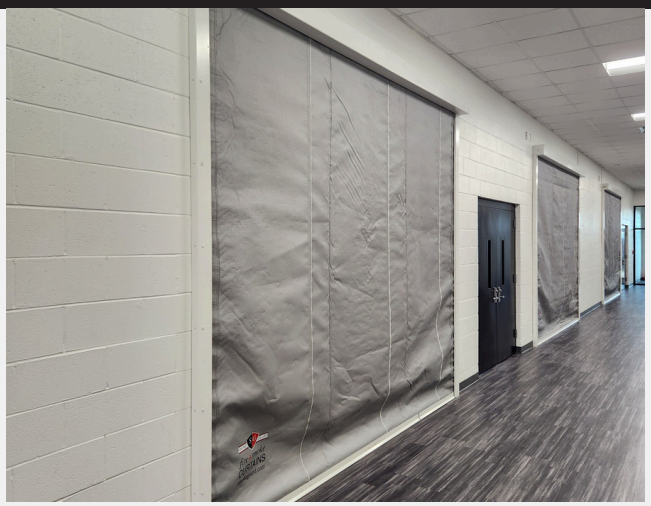
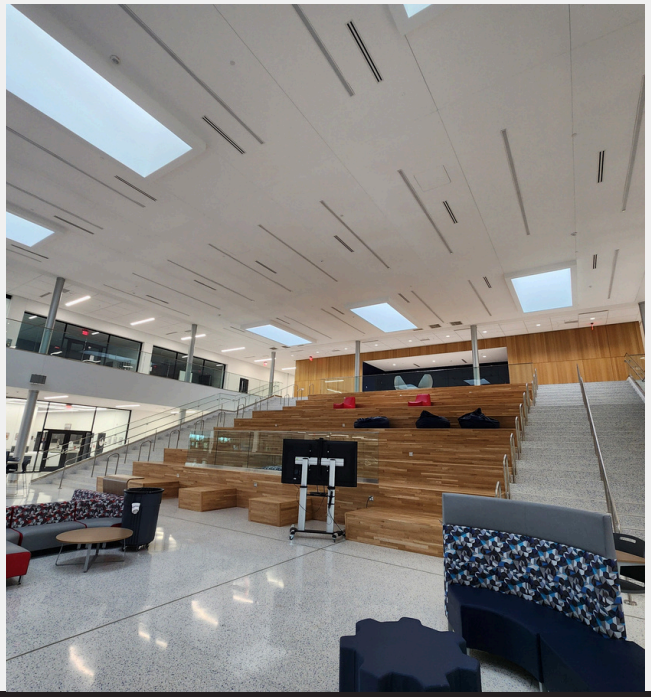
To protect the Field House's long corridor, Smoke Guard provided six M2100F vertical fire + smoke curtains. These deploy automatically and integrate cleanly into the space while meeting strict fire and smoke code requirements. The system offered a compact, effective solution without compromising the school's modern design.

The M2100F systems were engineered to:

- Deploy via alarm or smoke detection
- Seamlessly fit glass wall assemblies
- Provide 3-hour fire and smoke protection (UL 10D)
- Offer battery backup and fail-safe operation
- Meet IBC, NFPA, ASTM, and UL Standards

INSTALLATION HIGHLIGHTS

Fast-Tracked for Performance and Compliance:

- Smoke Guard was selected over a competitor that could not meet the aggressive timeline
- 6 curtain units were installed by a 5-person crew in just over one day
- Installation included pre-testing and successful commissioning ahead of tight school turnover deadlines
- Local fire marshal and school district expressed high satisfaction with system performance and integration

Learn more at: www.smokeguard.com/projects