TCU HARRIS COLLEGE OF NURSING & HEALTH SCIENCES

Fire and smoke curtain systems engineered for code-compliant protection.

ABOUT THE PROJECT

TCU's Harris College of Nursing & Health Sciences is a leading medical education facility in Fort Worth, supporting advanced training for one of the nation's top nursing programs. The Annie Richardson Bass Building needed a reliable, code-compliant opening protective after existing competitor systems failed to perform.

Smoke Guard's M2500F fire + smoke resistant curtain systems replaced those unreliable assemblies with eight (8) large units installed throughout various openings within the building atrium. The solution delivers dependable, passive fire and smoke protection ideal for high-occupancy educational spaces.

Project Benefits

- Replaced unreliable competitor equipment with a dependable, code-compliant solution.
- Delivered 3-hour fire endurance with UL-listed smoke and draft control performance.
- Gravity fail-safe operation with battery backup for extended power-loss protection.
- Fully compatible with smoke control systems & FSCS integration.

Project Details

Customer/End User: Texas Christian University

Installer: Read Architectural Products

Location: Fort Worth, TX

Project Year: 2024

Building Type: University — Medical/Nursing School

Products Used: Eight (8) M2500F Fire + Smoke Curtain Systems

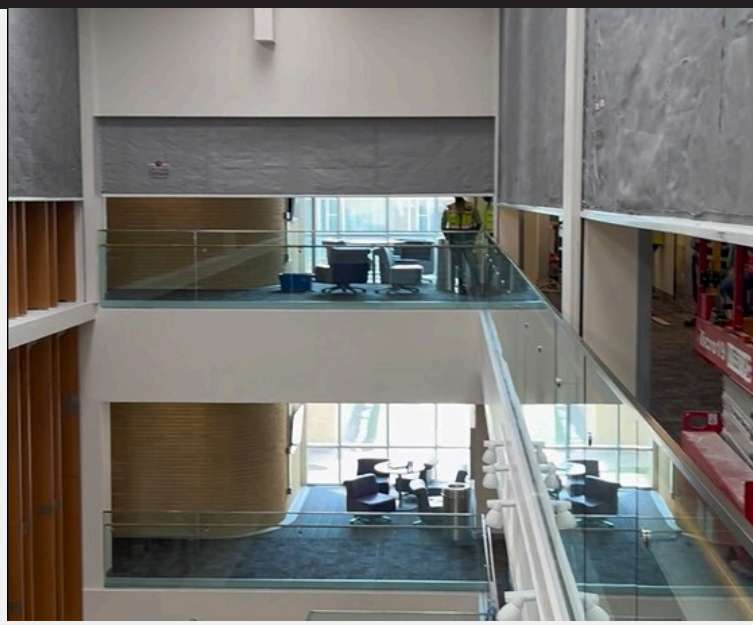
Standards & Compliance: UL 10B, UL 10C, UL 10D, NFPA 252, UL 1784; Installed per IBC 2018 Section 404 and 909

Notable Facts:

- TCU ranked #2 "Best-Run College," Princeton Review 2025
- Nursing program in top 1% nationally
- 98% student placement within 6 months of graduation

TCU Harris College of Nursing & Health Sciences

A dependable fire and smoke curtain solution engineered to replace failing equipment & meet strict code requirements.



DESIGN SOLUTION

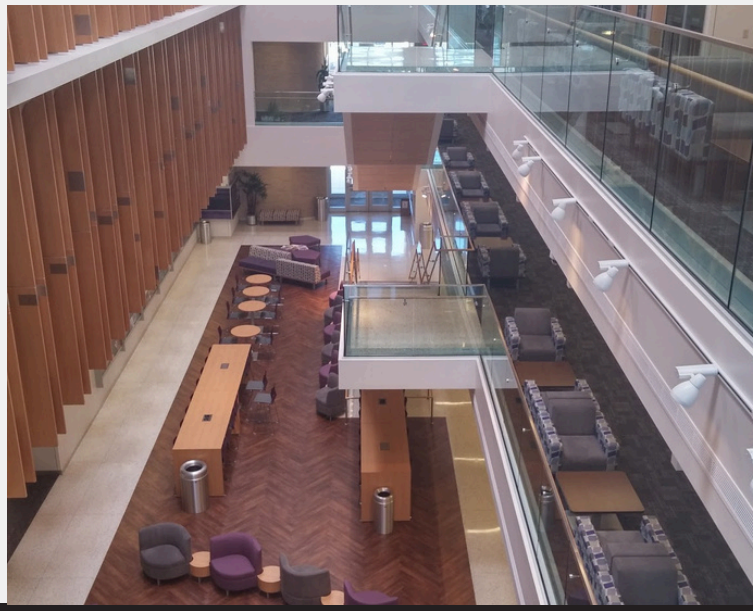
The M2500F system provided TCU with a modern, code-compliant alternative to unreliable and outdated competitor fire systems. Its SGTex-30 fabric, 3-hour rating, and Intertek listings ensured the university met all requirements for opening protectives in a high-occupancy university environment.

Key Features:

- 3-hour fire endurance per UL 10D
- Smoke and draft control rated to UL 1784
- UL 864-tested controls with fault reporting
- Gravity fail-safe deployment with 24 VDC battery backup
- Optional FSCS interface for dedicated smoke control integration

INSTALLATION HIGHLIGHTS

- Eight (8) large M2500F units installed by Read Architectural Products across key circulation/atirum areas.
- Systems replaced competitor equipment that failed to meet reliability requirements.
- Battery backup ensures operation for up to 18 hours during power loss.
- Integrated seamlessly with the building's smoke control system.
- Provided a clean, low-maintenance protective solution suitable for a medical teaching environment.



Learn more at: www.smokeguard.com/projects

Part of CSW Industrials' Engineered Building Solutions (EBS) group—uniting leading brands like Smoke Guard, Balco, Greco, and Metacaulk to provide safety-focused architectural solutions.