



C/Sexplovent®

Project Information

Project:
Nitrate Film Vault at
UCLA Film & Television Archives

Location:
Santa Clarita, CA

Architect:
SmithGroup

Product:
Atmospheric Barrier
& Pressure Relief Vent

Project Overview

The UCLA Film and Television Archives is one of the largest collections of media materials in the US and the largest of any university in the world. Its combined collections of classic, current and innovative film and television represents an all-encompassing documentation of the 20th century. Because the gases produced by aging nitrate stock will damage other film types, UCLA constructed a new film vault to house this film separately from the others.

It was necessary for SmithGroup to design the film vault to include a tightly monitored environment that would safely store the highly volatile nitrate film base. C/S' atmospheric barriers are utilized to help maintain

this "closed environment" to avoid extreme temperature and humidity change. And, since nitrate film is able to support combustion even underwater, C/S Explovent® was specified where the nitrate films are actually stored to allow for any necessary explosion relief venting.



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