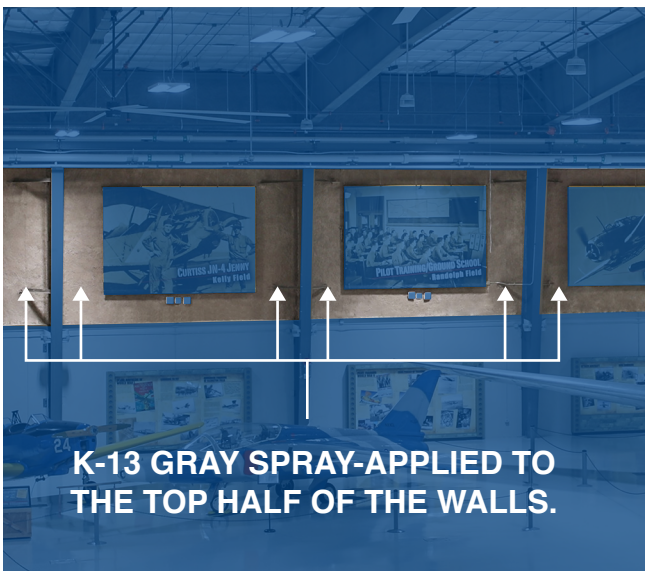




### Project Details

**Name:** Lone Star Flight Museum  
**Location:** Houston, TX

### Product Details

**Product:** K-13  
**Color:** Gray



The Lone Star Flight Museum is an aerospace museum featuring more than 24 historically significant aircraft and other artifacts associated with the history of flight. Lone Star Flight Museum opened in 1990 in Galveston, Texas. In 2008, Hurricane Ike caused extensive damage to the facility and exhibits. After nearly thirty years of operations in Galveston, the museum relocated to a new facility in Houston, Texas, to preserve and protect the museum's historic aircraft collection for future generations to come.

Located at Ellington Airport, Lone Star Flight Museum's new home is a state-of-the-art facility encompassing over 134,000 square feet. Designed by Webb Architects with exhibit designers D'G Studios, the facility achieved prestigious LEED Silver Certification for its sustainable design and low environmental footprint.

K-13 Gray was selected to provide thermal and acoustical performance in the expansive exhibition area. Unlike hard surfaces and materials, which reflect sound, K-13 absorbs echo, reverberation, and excessive noise, which would otherwise be prevalent. In addition to acoustic performance, K-13 provides a high thermal R-value for improved operational efficiency.

# ACOUSTIC SOLUTIONS FOR SIMILAR K-13 PROJECTS

## Acoustic Performance

K-13 is applied in thicknesses from 1" up to 5" to provide the desired level of acoustical absorption. At 1", K-13 provides a NRC of .80.

## Thermal Value

K-13 has a R-Value of 3.75 per inch. This demonstrates how K-13 helps keep a space at the right temperature, saving on costs and the environment.

## Application

K-13 is spray-applied, between 1" and 5". It is engineered for application to common substrates and can adhere to complex or irregular surfaces.

## Colorful Options

K-13 is available in standard colors, and can be manufactured in custom, integral colors for unlimited design options.



## MUSEUM OF NATURAL CURIOSITY

LEHI, UT

The Museum of Natural Curiosity in Lehi, UT, is a distinct, barn shaped structure, which was designed by FFKR Architects. In order to create a wide-open space, filled with large exhibits, a unique roof system of steel and timber was utilized. The roof system gives the museum its distinct appearance while providing necessary structural support. However, with the high ceilings and the hard surfaces, acoustical treatment was essential. K-13 was selected and spray-applied to the unique ceiling. K-13 absorbs echo, reverberation and excessive sound, which would have otherwise been prevalent in a space of this type, without compromising the architectural details and design. K-13 was produced in a custom color manufactured specifically for the project. In addition to acoustic performance, K-13 provides high thermal value, which helps to reduce the museum's environmental footprint.



**PEROT MUSEUM OF NATURE & SCIENCE**  
Dallas, TX



**PATRIOTS HALL OF FAME**  
Somerville, MA



**HISTORY OF COLORADO MUSEUM**  
Denver, CO



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