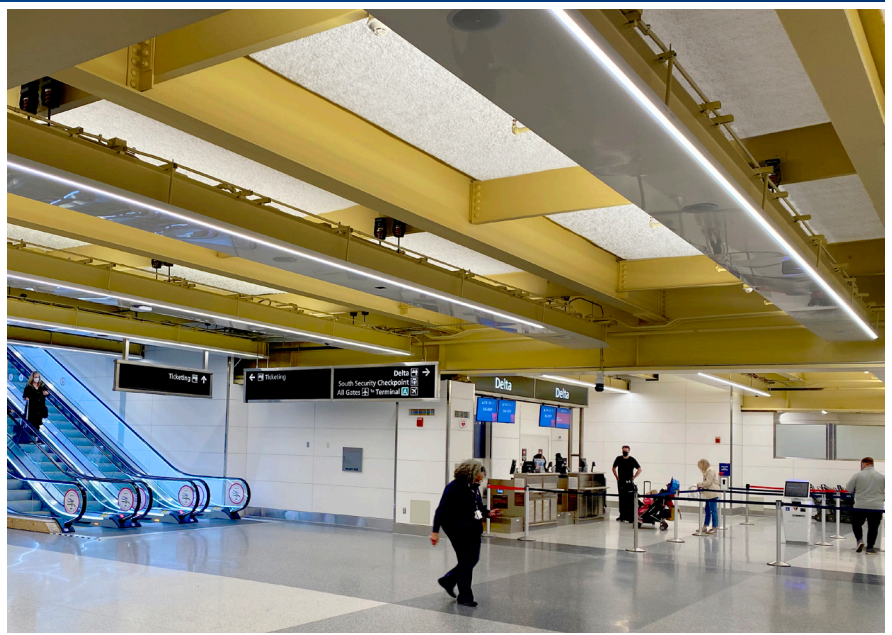
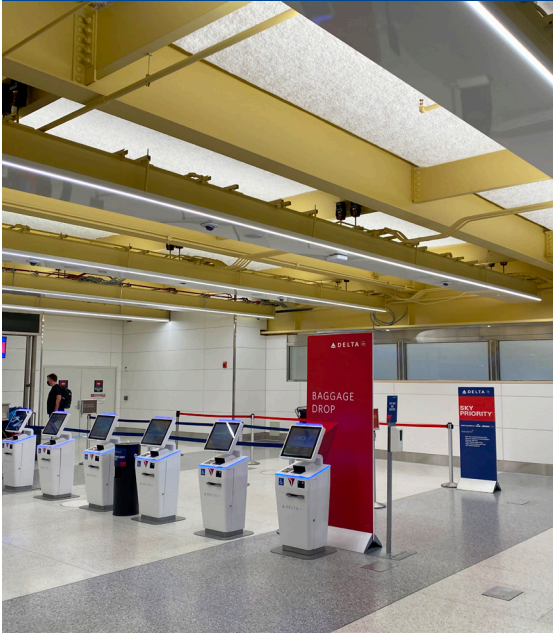




Project Details

Name: Ronald Reagan National Airport

Location: Arlington, Virginia

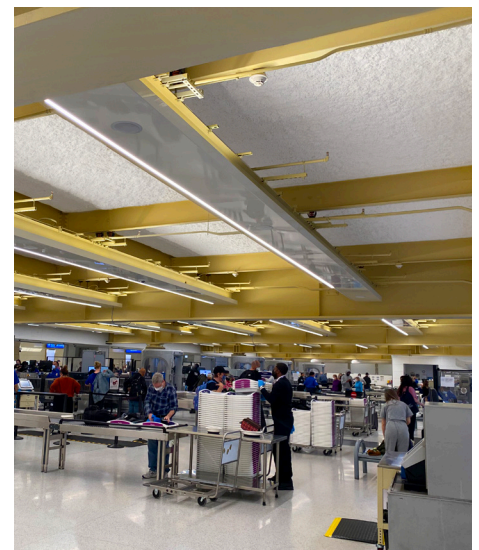
Product Details

Product: K-13 White

Details: 5" Thick

Ronald Reagan Washington National Airport recently revealed two new security buildings representing the biggest change to the facility in over twenty years. The new buildings are a part of the airport's Project Journey, a capital improvement initiative focused on transforming the passenger experience.

The new buildings are located directly above the existing arrivals and baggage claim. To ensure functionality and speech intelligibility over the Public Address (PA) systems-as required by law in aviation facilities, acoustical consideration was essential to the project. Due to the hard surfaces and materials used throughout the space, acoustical absorption was needed for proper control. To address this need without compromising the interior design objectives, ceiling height, budget, or project schedule, K-13 in White was utilized for the ceilings in the check-in, baggage claim, and security areas. Unlike hard surfaces and materials, which reflect sound, K-13 absorbs echo, reverberation, and excessive noise. K-13 also helps to control sound transmission between distinct levels. In addition to acoustical performance, K-13 in white provides high light reflectance and thermal-R value.



ACOUSTIC & THERMAL SOLUTIONS

FOR SIMILAR K-13 PROJECTS



KANSAS INT. CITY AIRPORT

KANSAS CITY, MISSOURI

The Kansas City International Airport is an airport that wanted to make its terminals as appealing and functioning as they underwent some required renovations in 1994. To address the need for improved acoustics and ensure speech intelligibility over the PA system while maintaining a tight timeline, K-13 was selected for the ceiling of the terminals. After the removal of the asbestos, K-13 in a custom color was spray-applied to the original coffered concrete ceiling. The quick installation capabilities of K-13 allowed the application to take place while the airport continued normal operations—a feat that would be nearly impossible with any other type of insulation material.

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

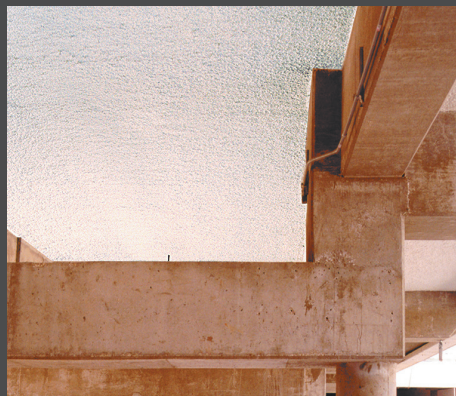
K-13 is spray-applied, between 1" and 5". It is engineered for application to common substrates and can adhere to complex or irregular surfaces.

Colorful Options

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



SAN FRANCISCO INT. AIRPORT
San Francisco, California



HOBBY AIRPORT
Houston, Texas



JACKSONVILLE INT. AIRPORT
Jacksonville, Florida



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