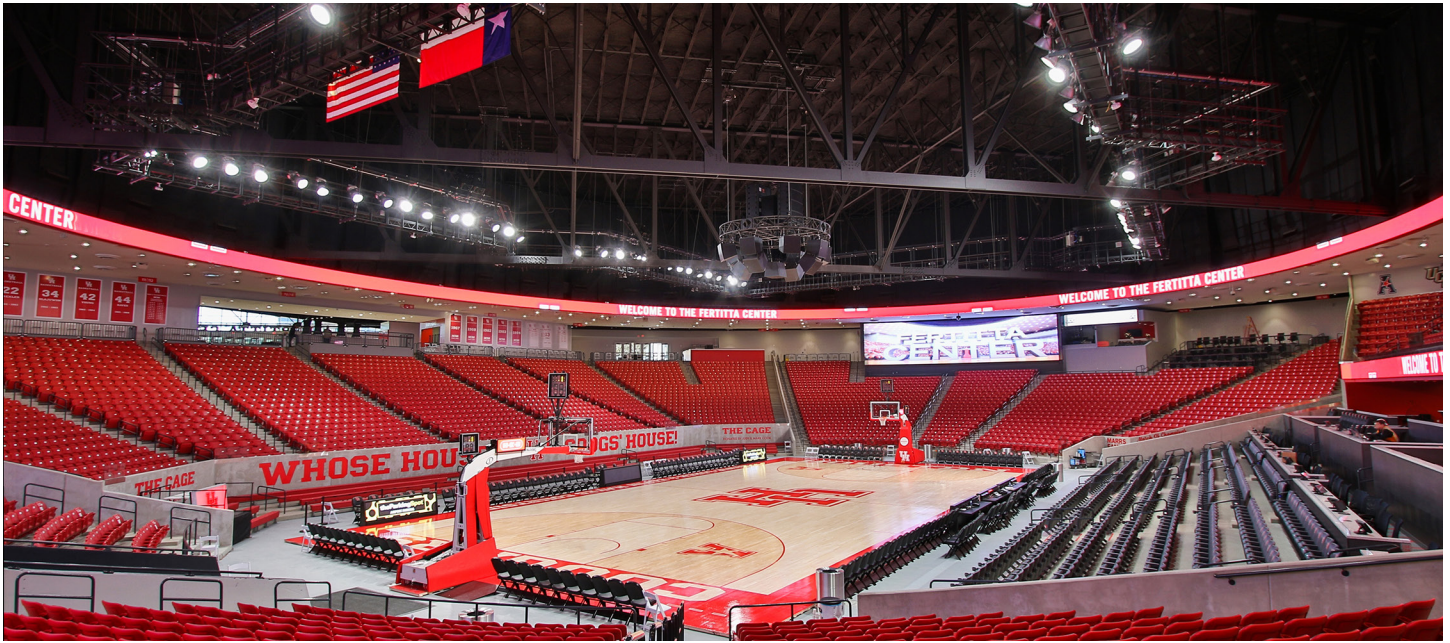




Project Details

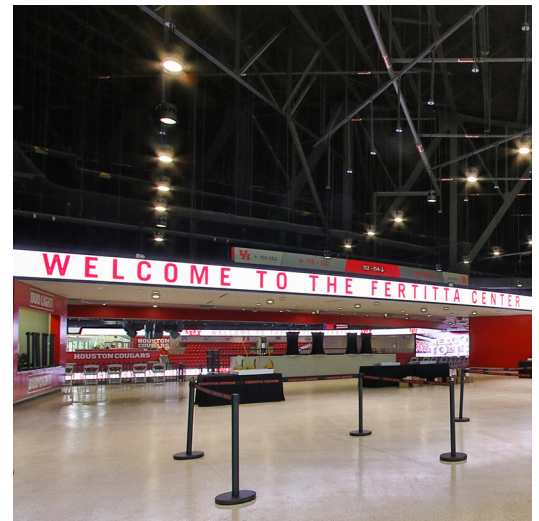
Name: Fertitta Center
Location: Houston, TX

Product Details

Product: K-13
Color: Black

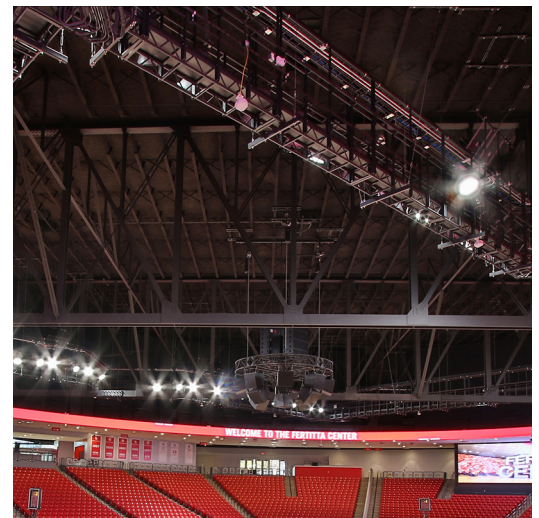
Architect Details

Name: PGAL & AECOM
Location: Houston, TX



University of Houston's Fertitta Center was designed as a true multi-purpose center. The arena is used for men's and women's basketball games, volleyball games, commencement ceremonies, circus performances, and a wide range of music concerts. More and more institutions are realizing that if they build an arena with multipurpose capabilities, they not only make more revenue from the facility, but they will also save money from not having to build additional facilities. Acoustic control is an important design consideration for multipurpose arenas due to the open design and acoustically reflective surfaces generally present.

K-13 Black was applied to the arena's ceiling to meet these requirements. K-13 reduces excessive noise levels and reverberation, allowing full utilization of the center, because of its exceptional sound absorption properties. K-13 Black helps to create a black-out effect, good for events like ceremonies, while also complimenting the Fertitta Center's lighting system which is good for events like concerts.



ACOUSTIC SOLUTIONS

FOR SIMILAR K-13 PROJECTS



BBVA COMPASS STADIUM

HOUSTON, TX

BBVA Compass Stadium is home of the Houston Dynamo MLS Team. The LEED Silver certified stadium was designed by Populous Architects, and is central to East Houston's Downtown Redevelopment Plan. The stadium features a unique, tessellated exterior, which creates an enclosed setting, in a mostly open air space. In order to prevent energy loss escaping between the conditioned suites above the main concourse level, a 2" application of K-13 in Light Gray was spray-applied directly to the ribbed metal decking. The application of K-13 provides thermal control, enhancing energy efficiency. To protect the application of K-13 from physical damage and exterior elements such as dust, birds, and fumes, Protek-13, tinted light gray to match, was applied on top as a protective coating.

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 .85.

Light Reflectance

K-13 White provides high light reflectivity, and can be used to maximize day lighting and reduce the need for excessive lighting.

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.



VILLANOVA UNIVERSITY PAVILION
Villanova, PA



DYNAMO VOLLEYBALL CENTER
Filevsky Park, Moscow



TIMMONS ARENA
Greenville, SC



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