



DESIGN SOLUTION

PICKLEBALL COURTS



Project Details

Name: Pints & Paddles
Location: Maple Grove, Minnesota

Product Details

Product: K-13 White and Gray
Details: 35,350 Sq Ft at 2" Thick

Architect Details

Name: Thielen & Green
Location: Lino Lakes, Minnesota



Pints & Paddle, located in Maple Grove, MN, is a unique venue that combines a taproom, kitchen, and ten premier indoor pickleball courts. In such a dynamic environment, managing noise levels is crucial to ensure an enjoyable experience for both diners and players. The simultaneous activities of dining and pickleball can generate substantial noise, leading to potential discomfort and communication challenges. To address this, K-13 acoustic insulation was applied to the ceilings of both the courts and the restaurant in standard colors White and Gray, respectively.

K-13 spray-applied acoustical insulation serves as an exposed ceiling finish without the need for additional barriers or materials. It effectively absorbs sound, reducing reverberation and controlling noise levels within large, open spaces. The application of K-13 at Pints & Paddle plays a vital role in creating a pleasant atmosphere by effectively managing noise levels and enhancing thermal comfort. This thoughtful integration ensures that guests can fully enjoy the unique combination of dining and pickleball activities offered at the venue.

ACOUSTIC & THERMAL SOLUTIONS

FOR SIMILAR K-13 PROJECTS



PELHAM HIGH SCHOOL

PELHAM, NEW HAMPSHIRE

To ensure maximum functionality of this multipurpose space, acoustical treatment was key to controlling echo, reverberation, and excessive noise. To address the need for acoustical absorption, 1.5" of K-13 in White was utilized. Applied to the exposed ribbed metal decking K-13 provides a durable, damage-resistant surface that will look great for years to come. Unlike hard surfaces and materials, which reflect sound, the application of K-13 absorbs excessive noise, particularly in the hard-to-treat low to mid frequencies. In addition to acoustical performance, K-13 in White provides high light reflectance, reducing the need for excessive lighting costs.

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

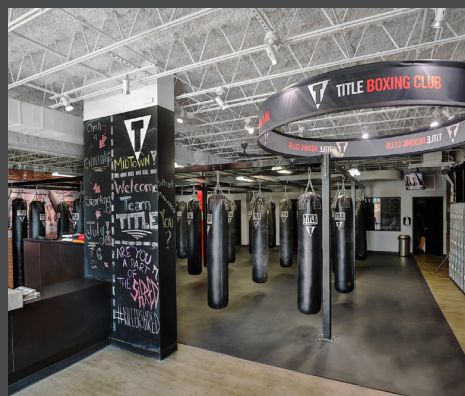
K-13 has a R-Value of 3.7 per inch. This demonstrates how K-13 helps keep a space at the right temperature, saving on costs and the environment.

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.



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