



Project Details

Name: Brockholes Wetland Center
Location: Samelsbury, England

Product Details

Product: SonaSpray "fc" Custom Color
Details: 15,069 Sq. Ft. at .75" Thick

Architect Details

Name: Adam Khan Architects
Location: London, England



Designed by Adam Khan Architects, Brockholes Wetland Center delivers a one-of-a-kind visitor experience in a serene setting. Situated on a floating island in the heart of Brockholes Nature Reserve, this unique waterborne structure is a "floating masterpiece of architecture and design." Material selection played an integral role in the project to ensure the facility would float and be protected from flooding. Since sustainability also played an important role in the design, durable yet lightweight materials, including timber and oak, were used to create the iconic geometric structures that make up the facility.

To address the need for acoustical control, without adding substantial weight to the structure, SonasSpray "fc" in a custom color was spray-applied to the steeply pitched ceilings. The application of SonasSpray "fc" compliments the exposed wood beams, natural aesthetic, and surrounding setting while ensuring optimum acoustical comfort throughout the space. In addition to acoustic performance, SonasSpray "fc" provides thermal R-value to help lower operational costs and improve efficiency. Made from sustainable cellulose fibers, which contain rich stores of sequestered carbon, SonasSpray "fc" contributes towards the low impact design.

The project achieved a prestigious "BREEAM Outstanding" rating and numerous architectural awards, including the RIBA Regional Conservation Award, RIBA National Award, Sustain' Award: Architecture and Design, Civic Trust Award: Special Award: Sustainability, and Wood Awards: Commercial and Public Access.

ACOUSTIC SOLUTIONS

FOR SIMILAR SONASPRAY “FC” PROJECTS

Acoustic Performance

SonaSpray is applied in thicknesses from .5” up to 1” to provide the desired level of acoustical absorption. At 1”, SonaSpray provides a NRC of .85.

Light Reflectance

SonaSpray White, and SonaSpray Arctic White provide high light reflectivity, and can be used to maximize day lighting and reduce the need for excessive lighting.

Application

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

Colorful Options

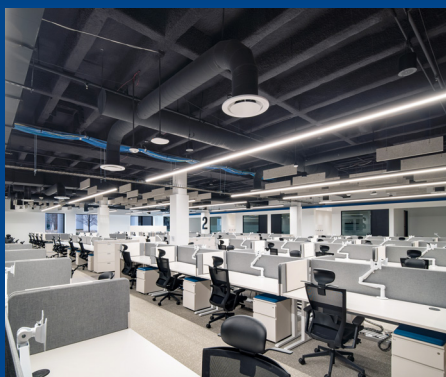
SonaSpray “fc” is available in standard colors, and can be manufactured in custom, integral colors for unlimited design options.



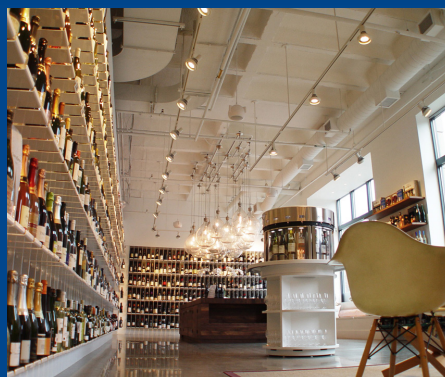
TEXTURE MUSEUM OF FLAX

KORTRIJK, BELGIUM

Located near the city center on the River Leie, Texture is a museum in Kortrijk, Belgium, dedicated to the culture and history of the flax industry. The museum is located within an industrial 1913 dispatching warehouse for flax thread that was reimagined into its current state by the Belgium-based architectural firm noAarchitecten. To ensure the space would function properly as a museum while also preserving the building’s original historic character, acoustical finishes played an integral role in the project. To address the need for acoustical absorption without compromising the look of the original barrel-vaulted ceiling, SonaSpray “fc” in Arctic White was utilized throughout the space.



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