



THERMAL & ACOUSTICAL SPRAY-APPLIED CEILING FINISHES



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PICKLEBALL CEILINGS



Pickleball offers a unique acoustic challenge. The hard surfaces and large open areas that are often present in these projects reflect sound causing noisy reverberation.

CLASS 1, CLASS A

International Cellulose Corporation manufactures Class 1, Class A Fire-Rated thermal and acoustical treatments in varying finishes to combat noise present in Pickleball courts.

CUSTOM COLORS

Our cellulose-based exposed finishes are spray-applied and conform to virtually any properly prepared substrate. They are the perfect solution for curved ceilings, metal decking, or other complex configurations. We also offer custom colors to meet your design goals.

SUSTAINABLE

Additionally, our products are sustainable. We manufacture our finishes from 80% recycled material and may contribute to satisfying credits under the LEED® green building program. Our products are UL GREENGUARD Gold certified.

EXPERIENCE

With over 60 years in the industry, the indoor pool projects highlighted in this brochure are just a small example of the many types of projects that have benefited from the acoustical and thermal finishes offered by International Cellulose. No matter what your design requirements and budget constraints are, for new construction or renovation, our products can be customized to help you create the ideal space.





WHY PICKLEBALL COURTS NEED ACOUSTICS

Pickleball is a popular sport that can generate a lot of noise, especially from the sound of the ball hitting the paddle and players vocalizing their excitement. If not addressed, excessive noise can disturb players, spectators, and residents who live nearby outdoor courts, and affect the functionality, services, sales, and other activities in indoor facilities.

Pickleball courts are typically located in indoor or outdoor facilities that have hard surfaces such as concrete, asphalt, wood, and metal, which reflect sound. Unlike these hard surfaces, K-13 and SonaSpray "fc" absorb excessive noise to ensure an optimal acoustic environment. These products are durable, damage-resistant, and can be tailored to meet acoustic, thermal, lighting, and design objectives for indoor and outdoor, covered Pickleball projects.

SOLUTIONS FOR PICKLEBALL COURTS

K-13 and SonaSpray "fc" are high-performance, spray-applied acoustical finishes that are ideal for both indoor and outdoor, covered pickleball courts. Unlike hard surfaces, these products absorb excessive noise,

especially hard-to-treat, high frequencies sound common in Pickleball courts.

K-13 and SonaSpray "fc" adhere to common substrates such as metal decking, concrete, and gypsum, and provide a durable, damage-resistant surface. Ideal for both new construction and retrofit projects, these products come in standard and custom color options to complement any brand or design aesthetic.

READILY AVAILABLE

ICC's spray applied thermal and acoustical materials are readily available for shipment to our network of licensed installers. Please contact us for details on how we can help your project be the best it can be!



ACOUSTICAL PERFORMANCE

As tested by an NVLAP accredited acoustical laboratory per ASTM C-423, K-13 and SonaSpray "fc" provide an exceptionally high noise reduction coefficient (NRC).

K-13 APPLIED ON SOLID BACKING

Inches	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1"	.11	.32	.84	.99	1.01	.98	.80
1.5"	.21	.46	1.06	1.13	1.02	1.00	.90
1.75"	.30	.74	1.14	1.06	.99	.98	1.00
2"	.47	.90	1.06	1.06	1.08	1.07	1.00
3"	.57	.99	1.04	1.03	1.00	0.98	1.00
4"	.84	1.06	1.01	1.03	1.00	.98	1.05
5"	.99	.89	1.05	1.03	1.00	1.00	1.00

K-13 APPLIED ON 1.5" METAL DECK

Inches	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1.5"	.36	.89	1.26	1.07	1.01	1.00	1.05
3"	.97	1.04	1.13	.99	.95	.98	1.05

K-13 APPLIED ON 2" METAL DECK

Inches	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1"	.39	.63	.96	.99	1.04	1.06	.90
2"	.55	.99	1.13	1.06	1.05	1.10	1.05

K-13 APPLIED ON 3" METAL DECK

Inches	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1"	.50	.66	.97	1.02	1.05	1.03	.95
1.5"	.55	.92	1.11	1.02	.95	.99	1.00
2.75"	.69	.98	1.17	1.03	.97	1.04	1.05

SONASPRAY "FC" ON SOLID BACKING

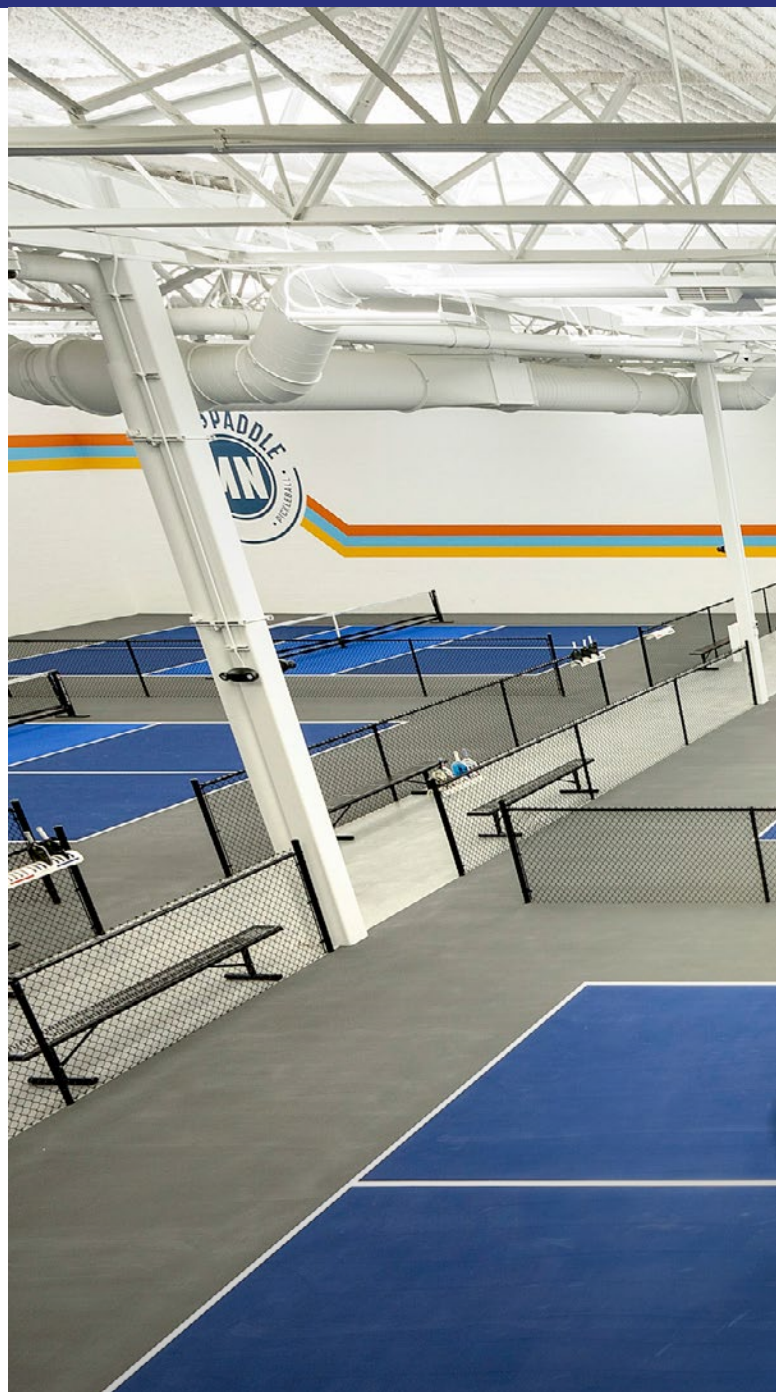
Inches	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
.5"	.00	.14	.49	.87	1.00	.99	.65
.75"	.10	.23	.70	.98	1.01	.96	.75
1"	.05	.40	.94	1.04	.97	.99	.85

SONASPRAY "FC" ON 1.5" METAL DECK

Inches	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
.75"	.17	.58	.91	.89	.87	.84	.80
1"	.22	.62	1.02	1.09	1.05	1.00	.95

SONASPRAY "FC" ON 3" METAL DECK

Inches	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
.5"	.51	.48	.80	.88	1.00	1.00	.80
.75"	.55	.55	.94	1.01	1.03	1.00	.90
1"	.63	.73	1.08	1.04	1.01	1.00	.95



**CONTACT US
FOR MORE INFORMATION**

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