

CSI MasterFormat® Filing:

Division 9: Finishes

09 81 00	Acoustic Insulation
09 81 29	Sprayed Acoustic Insulation
09 83 00	Acoustic Finishes
09 83 16	Acoustic Ceiling Coating



MANUFACTURER INFORMATION:

International Cellulose Corporation
12315 Robin Boulevard | Houston, Texas 77045
(713) 433-6701 or (800) 444-1252 | FAX: (713) 433-2029

1. PRODUCT DESCRIPTION:

SonaSpray "fc" is a spray-applied exposed ceiling finish used for **Acoustical** control. SonaSpray "fc" is applied as a monolithic coating to absorb excess noise and improve intelligibility. SonaSpray "fc" has a **Refined Texture** and is available in four standard colors and custom integral colors.

2. BASIC USE:

SonaSpray "fc" is typically used as an exposed ceiling finish for its acoustic benefits and customizable color options. It is appropriate for interior spaces such as gymnasiums and dynamic open-plan offices to reduce excessive noise and reverberation.

3. MATERIAL COLORS:

SonaSpray "fc" is available in four standard colors and can also be specified in any specially-matched custom color.

STANDARD COLORS				
White	Arctic White	Light Gray	Black	Custom

Color selection will affect the final price.

4. SURFACE PREPARATION:

SonaSpray "fc" adheres to properly prepared substrates and conforms to any ceiling configuration including metal decking, barrel-vaults, concrete "T" corrugated decks, and other complex surfaces. Surfaces to receive SonaSpray "fc" are to be inspected prior to installation to determine if pre-treatment is required.

5. APPLICATION:

SonaSpray "fc" is installed by an international network of professional contractors licensed by ICC. These contractors are required to install SonaSpray "fc" using approved equipment, materials, and procedures. Due to the inherent texture of the material and application techniques, the installed material will have thickness variances. Compliance with applicable building codes and project requirements is the responsibility of the user and/or installing contractor.

SUSTAINABLE CREDIT CATEGORIES:

MATERIALS & RESOURCES:

ENVIRONMENTAL PRODUCT DECLARATION (EPD):

Product-specific Type III EPD (ISO 14025)

Program Operator: Consortium | Exp. Date: 10/16/2025

REGIONAL MATERIALS:

Manufacturing Location:

12315 Robin Blvd. | Houston, TX 77045

RECYCLED CONTENT:

SonaSpray "fc" Fibers = >80% Pre-Consumer

HEALTH PRODUCT DECLARATION (HPD):

HPD Version: 2.3 | Threshold Level: 100 PPM

Exp. Date: 11/22/2025

CRADLE-TO-CRADLE®:

Cradle to Cradle Certified Bronze V3.1

Certification Number: 7267 | Exp. Date: 09/15/2025

INDOOR ENVIRONMENTAL QUALITY:

LOW EMITTING MATERIALS:

UL GREENGUARD Certified

UL GREENGUARD Gold Certified

M1 Classification of Low Emitting Building Materials

California Department of Public Health (CDPH) Compliant

ACOUSTICAL PERFORMANCE:

May contribute towards acoustical performance.

NRC Values per ASTM C 423 (pg. 2)

LIGHT REFLECTANCE:

May contribute towards lighting optimization.

Light Reflectance Values per ASTM D 2244 (pg. 2)

TECHNICAL DATA:

ASTM STANDARDS COMPLIANCE

ASTM C 423	Noise Reduction Coefficients
ASTM D 2244	Light Reflectance
ASTM E 84	Surface Burning Characteristics
ASTM E 736	Bond Strength
ASTM E 761	Compression Strength
ASTM E 759	Bond Deflection
ASTM E 859	Air Erosion

ASTM C 423: Sound Absorption (NRC)

SONASPRAY "FC" APPLIED 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" APPLIED 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" APPLIED 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

ASTM D 2244: Light Reflectance

White	79+
Arctic White	86+

ASTM E 84: Surface Burning Characteristics

CLASS 1, CLASS A RATED per ASTM E-84, UL-723

Flame Spread 5
Smoke Development 5

ASTM E 736: Bond Strength

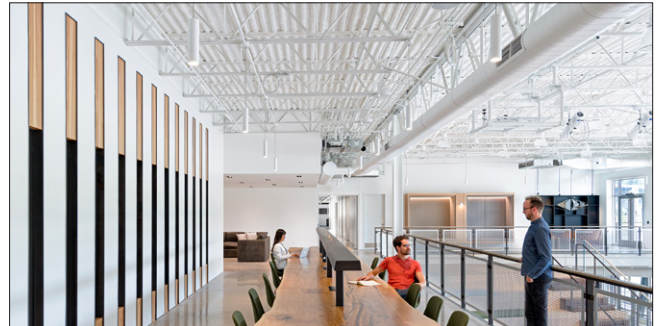
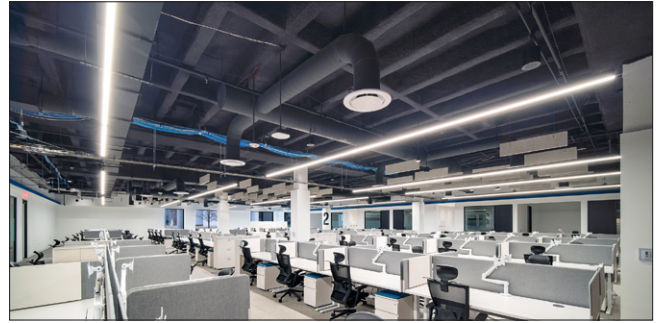
SonaSpray "fc" greater than 600 psf
SonaSpray "fc" with Dura-K greater than 900 psf

ASTM E 761: Compression Strength

SonaSpray "fc" greater than 400 psf
SonaSpray "fc" with Dura-K greater than 600 psf

MISCELLANEOUS CODE APPROVALS & SPECIFICATIONS

Federal Defense Logistics Agency Cage Code: ONJU2
Federal Specification – SS-S-111C
Corps of Engineers Guide Specifications – CE-201.01
Department of the Navy Guide Specifications – NFGS-07218
Los Angeles – RR-24311



SONASPRAY "FC" MEETS IBC 2015 SECTION 803.12 STABILITY REQUIREMENTS FOR INTERIOR FINISH MATERIALS.

SONASPRAY "FC" DOES NOT CONTAIN SILICA DUST, ASBESTOS, MINERAL OR GLASS FIBERS, OR PCB'S

