

## 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 open-plan offices to reduce excessive noise and reverberation.

### 3. MATERIAL COLORS:

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

#### STANDARD COLORS:

White	Arctic White	Black	Cocoa
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*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:

**RECYCLED CONTENT:** 80% Pre-Consumer

**REGIONAL MATERIALS:** Manufactured By International Cellulose Corporation in Houston, TX.

**MATERIAL INGREDIENT REPORTING:** Inventoried to 1,000 PPM in accordance with the HPD Collaborative.

### INDOOR ENVIRONMENTAL QUALITY:

**INDOOR AIR QUALITY:** UL GREENGUARD Gold Certified

*May Contribute Towards:*

LEED v4: Indoor Air Quality Assessment

LEED v4: Enhanced Indoor Air Quality Strategies

### ACOUSTICAL PERFORMANCE

#### LOW EMITTING MATERIALS:

*M1 Classified as a Low Emitting Building Material Compliant With:*

LEED v4: Low Emitting Materials

CDHP/ California Section 01350

SCAQMD Rule 1168

CHPS- Acoustical Ceiling

## TECHNICAL DATA:

### ASTM STANDARDS COMPLIANCE

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

### ASTM C 423: Noise Reduction Coefficient (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	<b>.65</b>
.75"	.10	.23	.70	.98	1.01	.96	<b>.75</b>
1"	.05	.40	.94	1.04	.97	.99	<b>.85</b>

#### 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	<b>.80</b>

### 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" >600psf

SonaSpray "fc" with Dura-K >900psf

### ASTM E 761: Compression Strength

SonaSpray "fc" >400psf

SonaSpray "fc" with Dura-K >600psf

### ASTM D 2244: Light Reflectance

White	86+
Arctic White	79+

### MISCELLANEOUS CODE APPROVALS & SPECIFICATIONS

Federal Defense Logistics Agency Cage Code: ONJU2

Corps of Engineers Guide Specifications - CE-201.01

Department of the Navy Guide Specifications - NFGS-07218

Federal Specification - SS-S-111C

Los Angeles - RR-24311

