

## 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 specially-matched custom colors.

## 2. BASIC USE:

SonaSpray "fc" is typically used as an exposed ceiling finish for its acoustic benefits and versatile 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
-------	--------------	-------	-------

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 pretreatment 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

#### INTERIOR LIGHTING:

SonaSpray "fc" in Arctic White has an LRV of 89+ and may contribute to efficient lighting plans for lighting quality.

#### 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 C 423 Sound Absorption
- ASTM D 2244 Light Reflectance
- ASTM E 84 Surface Burning Characteristics
- ASTM E 736 Cohesion/Adhesion - Bond Strength
- ASTM E 761 Compressive Strength
- 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	<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 D 2244: Light Reflectance

White	86+
Arctic White	89+

### 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: Cohesion/Adhesion - Bond Strength

- SonaSpray "fc" >600psf
- SonaSpray "fc" with Dura-K >900psf

### ASTM E 761: Compressive Strength

- SonaSpray "fc" >400psf
- SonaSpray "fc" with Dura-K >600psf

SonaSpray "fc" meets IBC 2009 Section 803.10 Stability requirements for Interior Finish materials.

### 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" does not contain silica dust, asbestos, mineral or glass fibers, or PCB's.

