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:

<table>
<thead>
<tr>
<th></th>
<th>White</th>
<th>Arctic White</th>
<th>Black</th>
<th>Cocoa</th>
</tr>
</thead>
</table>

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.
**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)**

<table>
<thead>
<tr>
<th>Inch</th>
<th>125 Hz</th>
<th>250 Hz</th>
<th>500 Hz</th>
<th>1000 Hz</th>
<th>2000 Hz</th>
<th>4000 Hz</th>
<th>NRC</th>
</tr>
</thead>
<tbody>
<tr>
<td>.5&quot;</td>
<td>.00</td>
<td>.14</td>
<td>.49</td>
<td>.87</td>
<td>1.00</td>
<td>.99</td>
<td>.65</td>
</tr>
<tr>
<td>.75&quot;</td>
<td>.10</td>
<td>.23</td>
<td>.70</td>
<td>.98</td>
<td>1.01</td>
<td>.96</td>
<td>.75</td>
</tr>
<tr>
<td>1&quot;</td>
<td>.05</td>
<td>.40</td>
<td>.94</td>
<td>1.04</td>
<td>.97</td>
<td>.99</td>
<td>.85</td>
</tr>
</tbody>
</table>

**SONASPRAY “FC” APPLIED ON 1.5" METAL DECK**

<table>
<thead>
<tr>
<th>Inch</th>
<th>125 Hz</th>
<th>250 Hz</th>
<th>500 Hz</th>
<th>1000 Hz</th>
<th>2000 Hz</th>
<th>4000 Hz</th>
<th>NRC</th>
</tr>
</thead>
<tbody>
<tr>
<td>.75&quot;</td>
<td>.17</td>
<td>.58</td>
<td>.91</td>
<td>.89</td>
<td>.87</td>
<td>.84</td>
<td>.80</td>
</tr>
</tbody>
</table>

**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.