

# SonaSpray "fc"®

## Acoustical finish

CSI 09 83 16



### Product Description

SonaSpray "fc" is a spray-applied acoustical texture designed for a wide range of project types. SonaSpray "fc" provides an attractive, high performance solution to acoustical and lighting design objectives in both new construction and renovation projects. Typical installations include schools, churches, auditoriums, passenger terminals, libraries, detention facilities, cafeterias, offices, hotels, and condominiums.

SonaSpray "fc" is available in White, Arctic White, Black, and specially matched colors.

### Acoustical Performance

As tested by a NVLAP accredited acoustical laboratory per ASTM C-423, SonaSpray "fc" provides an exceptionally high noise reduction coefficient (NRC). A typical installation of 1/2" thick on solid backing has an unequalled NRC of .65.

### Substrate Compatibility

SonaSpray "fc" conforms to any surface configuration such as barrel vaults, concrete "T", corrugated decks, pan construction and other complex surfaces. The high performance adhesive bonds to virtually all construction materials including gypsum board, plaster, wood, metal and concrete. Some surfaces (water-stained ceilings, wood and oxidized metal) require sealing to prevent migratory staining of the SonaSpray "fc".

### Durability and Maintenance

The strong, resilient bond of the adhesive used to apply SonaSpray "fc" provides a remarkably durable surface. SonaSpray "fc" resists impact and abrasion without the cracking or spalling typical to many cementitious or plaster-based materials.

In areas where even higher abrasion resistance may be desirable, SonaSpray "fc" Dura-K may be specified. This product provides even greater bond and compressive strength without reducing the acoustical performance.



### ASTM Standards Compliance

<b>Flame Spread Index</b>	5	ASTM E-84/UL 723
<b>Smoke Developed</b>	5	ASTM E-84/UL 723
<b>Bond Strength</b>		
SonaSpray "fc"	>600 psf	ASTM E-736
SonaSpray "fc" Dura-K	>900 psf	ASTM E-736
<b>Compression Strength</b>		
SonaSpray "fc"	>400 psf	ASTM E-761
SonaSpray "fc" Dura-K	>600 psf	ASTM E-761

### Technical Information

#### Sound Absorption Values- ASTM C-423

Hertz	125	250	500	1000	2000	4000	NRC
<b>On Solid Backing</b>							
0.50"	.00	.14	.49	.87	1.00	.99	.65
0.75"	.10	.23	.70	.98	1.01	.96	.75
1.00"	.05	.40	.94	1.04	.97	.99	.85
<b>On Lath/ Plaster</b>							
0.75"	.25	.36	.74	.98	.99	.99	.75
<b>On Ribbed Metal Deck</b>							
0.75"	.17	.58	.91	.89	.87	.84	.80

