

SonaSpray® "fc" Technical Data

January 2000

General Information

SonaSpray® "fc" is a high performance acoustical and Class 1 UL rated insulation material. Spray applied, SonaSpray® "fc" conforms easily to complex or irregular surfaces. Engineered for application to virtually any common construction substrate, SonaSpray® "fc" forms a strong, durable and resilient bond. This insulation system is ideally suited for both new construction and renovation projects. It is available in white, arctic white and custom matched colors, providing an exceptional range of design options. Typical applications include schools, churches, auditoriums, passenger terminals, libraries, detention facilities, cafeterias, offices, hotels and condominiums.

Additional product information on K-13® and other ICC products is available in Sweet's Catalog (07210/ICC). Product specifications and information are available on the Internet @ www.spray-on.com or by contacting ICC.

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. Surfaces to receive SonaSpray® "fc" are to be inspected prior to installation to determine if pre-treatment is required. 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.

Acoustical Performance

NRC Values per ASTM C-423 conducted by a NVLAP certified testing laboratory:

	125	250	500	1000	2000	4000	NRC
On Solid Backing							
0.50"	.08	.16	.46	.87	1.07	1.12	.65
0.75"	.18	.27	.67	1.02	1.11	1.12	.75
1.00"	.12	.38	.88	1.16	1.15	1.15	.90
On Lath/Plaster							
0.75"	.25	.36	.74	.98	.99	.99	.75
On Ribbed Metal Deck							
0.75"	.17	.58	.91	.89	.87	.84	.80

Fire Performance Ratings

Surface Burning Characteristics

SonaSpray® "fc" has a Class 1, Class A flame spread rating per ASTM E-84, UL-723, NFPA-255 and UBC-42.

Flame Spread 5

Smoke Developed 5

Underwriters' Laboratories Ref #R5499

Miscellaneous Performance

Bond Strength:

SonaSpray® "fc"	>600 psf	ASTM E-736
SonaSpray® "fc" Dura-K	>900 psf	ASTM E-736

Compression Strength:

SonaSpray® "fc"	>400 psf	ASTM E-761
SonaSpray® "fc"	>600 psf	ASTM E-761

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