

enviroflex
commercial

**GROUP 1
FIRE
CLASSIFICATION**
compliant to National
Construction Code (NCC)
AS ISO 9705 standard
full room fire test.

SonaSpray “fc”[®]

Spray-applied
acoustical finish

enviroflexcommercial.com.au

Technical Data Sheet

SonaSpray

“fc”[®]

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

Sustainable Credit Categories

Material & Resources

Recycled content
80% Pre-Consumer. Natural-based fibres.

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

Manufacturer Information

International Cellulose Corporation
12315 Robin Boulevard, Houston, Texas 77045
Telephone (713) 433-6701 or (800) 444-1252
Fax (713) 433-2029

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 colours as well as custom dyed tones.

Basic Use

SonaSpray “fc” is typically used as an exposed ceiling finish for its acoustic benefits and versatile colour options. It is appropriate for interior spaces such as gymnasiums and open-plan offices to reduce excessive noise and reverberation.

Material Colours

SonaSpray “fc” is available in four standard colours and can also be custom dyed to match the colours used for specific projects.



Black



White



Light Grey



420U Pantone Grey*

*MOQ required, stock to be ordered, lead time evident.

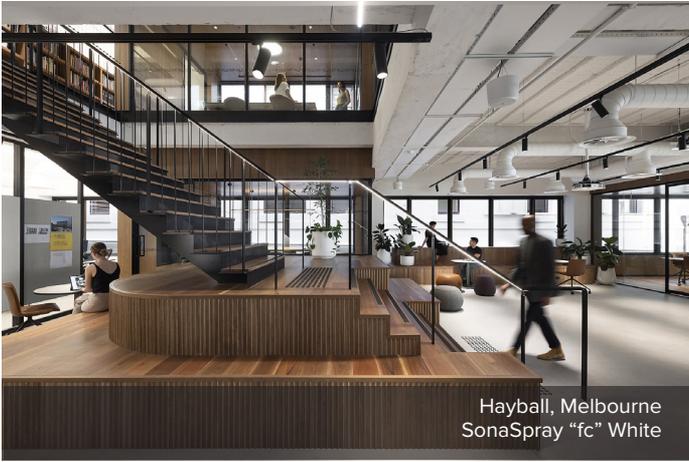
Surface Preparation

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 such as a primer is required to seal older surfaces.

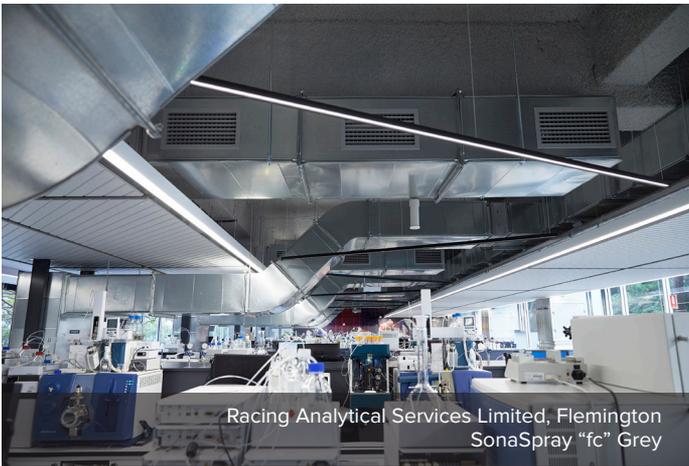
Application

Enviroflex Commercial is part of the ICC international network licensed to install their products, and is **the only licensed installer in Australia**.

All installations must be carried out using ICC specified equipment, base materials and protocols.



Hayball, Melbourne
SonaSpray "fc" White



Racing Analytical Services Limited, Flemington
SonaSpray "fc" Grey



Xero Head Office, Canberra
SonaSpray "fc" White

SonaSpray "fc" does not contain silica dust, asbestos, mineral or glass fibres, or PCB's.



Test Standards and Certifications

All test methods and certifications quoted are based on American standards as a product developed and produced in the USA.

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

SonaSpray "fc" applied on solid backing

Inches	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
0.5	.00	.14	.49	.87	1.00	.99	.65
0.75	.10	.23	.70	.98	1.01	.96	.75
1.0	.05	.40	.94	1.04	.97	.99	.85

SonaSpray "fc" applied on 1.5" metal deck

Inches	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
0.75	.17	.58	.91	.89	.87	.84	.80

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 2015 section 803.12 Stability requirements for interior finish materials.

Richmond High School
SonaSpray "fc", 4204 Grey



The Espy Kitchen, St Kilda
SonaSpray "fc" Black



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