

SonaSpray® "fc"
Acoustical treatment

DESIGN SOLUTION

RETIREMENT COMMUNITIES



PROJECT

**Timber Ridge at Talus
Issaquah, WA**

DETAILS

**SonaSpray "fc"® Arctic White
1/2" Thick
5,000 sq. ft.**

Timber Ridge at Talus is a planned senior living community in Issaquah, Washington. Normally, one would not think that effective sound control is a concern in a retirement community. Timber Ridge is a very active-oriented facility. The clubhouse at Timber Ridge contains a fitness center, a fireside lounge, formal and informal dining rooms, a cocktail lounge and meeting rooms just to name a few. Most of these spaces have stone or tile floors. Even with small groups of people, reverberation can be an annoyance and decrease the enjoyment of the space.

SonaSpray "fc" was chosen for its superior sound absorption qualities, attractive finish and availability of specially matched colors. At a thickness of 1/2", SonaSpray "fc" delivers an unequalled NRC of .65 (65%).

SonaSpray "fc" provides an attractive, high performance solution to acoustical objectives in both new construction and renovation projects. Typical installations include sanctuaries, schools, libraries, theatres, restaurants, offices and many more. For more information on this project or a similar application, contact ICC today at **(800) 444-1252** or visit us online at www.spray-on.com.

**SIMILAR SONASPRAY "FC"
PROJECTS**

**Mamacita's Restaurant
San Antonio, TX**

**Red Robin Restaurant
San Antonio, TX**

**Granite City
Food & Brewery
Roseville, MN**

**Cafe Express
Houston, TX**

**Piccadilly Grill West
Wichita, KS**

**Baton Rouge
Visitor's Center
Baton Rouge, LA**

**Plano Library
Plano, TX**

**Bauer House Pavillion
Austin, TX**

**Section 09212
SonaSpray® "fc" Spray On Acoustical Treatment
Specification Guide Rev 11/01**

PART 1 - GENERAL

1.01 Section Includes

EDIT ACOUSTICAL WHERE REQUIRED

- A. Sprayed cellulose insulation finish system.

1.02 Related Items

- A. Clips, hangers, supports, sleeves and other attachments to spray bases are to be placed by other trades prior to the application of sprayed insulation.
- B. Ducts, piping, conduit or other suspended equipment shall not be positioned until after the application of sprayed insulation.

1.03 Submittals

- A. Copy of manufacturer's ISO 9001:2000 Certification.
- B. Submit 2 copies of these reports indicating compliance with the following:

Light reflectivity minimum 81 + Arctic White
73 + White

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

	125	250	500	1000	2000	4000	NRC
0.50" ¹	.08	.16	.46	.87	1.07	1.12	.65
0.75" ²	.25	.36	.74	.98	.99	.99	.75
0.75" ³	.17	.58	.91	.89	.87	.84	.80
1.00" ¹	.12	.38	.88	1.16	1.15	1.15	.90

¹on solid backing ²on lath/plaster ³on ribbed metal deck

Flame Spread Index 5 ASTM E-84/UL 723

Smoke Developed 5 ASTM E-84/UL 723

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" Dura-k >600 psf ASTM E-761

- C. Manufacturer's written certification that product contains no asbestos, fiberglass or other man made mineral fibers.

1.04 Quality Assurance

- A. Manufacturer must be ISO 9001:2000 Certified
- B. Applicator: Licensed by manufacturer.
- C. Manufacturer must subscribe to independent laboratory follow-up inspection services of Underwriter Laboratories. Each bag shall be labeled accordingly.
- D. Mock-up: Apply a 100 square foot representative sample to be reviewed by the Architects and/or owner prior to proceeding.

1.05 Delivery, Storage and Handling

- A. Materials shall be delivered in original, unopened containers bearing name of manufacturer, product identification and reference to U.L. testing.
- B. Store materials dry, off ground and under cover.
- C. Protect liquid adhesive from freezing.

PART 2 - PRODUCTS

2.01 Acceptable Manufacturers:

- A. International Cellulose Corporation
12315 Robin Boulevard
Houston, Texas 77045
(713) 433-6701 or (800) 444-1252
FAX: (713) 433-2029

2.02 Materials: (Specify desired product)

- A. SonaSpray "fc" Acoustical Finish

- B. SonaSpray "fc" Dura-K

**Color selection will affect price

- C. Color shall be as indicated in Schedule 3.05

PART 3 - EXECUTION

3.01 Examination

- A. Examine surfaces and report unsatisfactory conditions in writing. Do not proceed until unsatisfactory conditions are corrected.
- B. Verify surfaces to receive spray insulation to determine if priming/sealing is required to ensure bonding and/or to prevent discoloration caused by migratory stains.

3.02 Preparation

- A. Provide masking, drop cloths or other satisfactory coverings for materials/surfaces that are not to receive insulation to prevent damage from over-spray.
- B. Coordinate installation of the sprayed cellulose fiber with work of other trades.
- C. Prime surfaces as required by manufacturers instructions or as determined by examination.

3.03 Installation

- A. Average thickness to achieve NRC value of 0.65 or greater.
- B. Install spray applied insulation according to manufacturers recommendations.
- C. Cure insulation with continuous natural or mechanical ventilation.
- D. Remove and dispose of over-spray.

3.04 Protection

- A. Protect finished surface under provisions of Division 1.

3.05 Schedule

- A. Provide a schedule when insulation requires listing by color, insulation value, NRC values and other attributes.



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Professionally installed by: