



SonaSpray® "fc" PROJECT DESIGN SOLUTIONS

Acoustical treatment

SPORTS ILLUSTRATED



PROJECT

Time Inc. Sports Illustrated
New York, NY

Architect

Roland Quiron
Mancini Duffy Architects
New York, NY

DETAILS

SonaSpray "fc"
White
1/2" Thick
55,000 Square Feet



Sports Illustrated is one of the best selling sports magazines in the world. Each week Sports Illustrated updates millions of readers on the world of sports. Recently, Sports Illustrated decided to renovate their office building in New York City. The architectural firm Mancini-Duffy was hired to wrestle the job.

One of the first obstacles facing the architect was the office ceiling. The office was open and the ceiling was

poured-in-place concrete. The surface was dull, boring and did not present a professional appearance. White SonaSpray "fc" was chosen to tackle the problem.

A half-inch of SonaSpray "fc" white was applied to 55,000 square feet of the office space. The SonaSpray "fc" added a touch of class to the office with its uniform texture, and raised the noise reduction coefficient to .65. With a light reflectivity of 73%, SonaSpray "fc" im-

proved the lighting of the offices and made it more conducive for business.

For new construction or renovation projects, ICC's family of products offers the ideal ceiling treatment for thermal or acoustical insulation requirements. Contact International Cellulose Corporation today at **(800) 444-1252** for complete details on how ICC can improve your building project, or visit our web site at: **www.spray-on.com**.

**PARTIAL LIST OF
SIMILAR PROJECTS**

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JACKSONVILLE, FL

AT&T CALL CENTER
MIRAMAR, FL

COLGATE
MORRISTOWN, NJ

DEUTSCH ADVERTISING
NEW YORK, NY

DISCOVERY CHANNEL
WASHINGTON, DC

DUPONT CHESTNUT RUN PLAZA
WILMINGTON, DE

E TRADE OFFICE
ARLINGTON, VA

EASTMAN KODAK
DOUGLASVILLE, GA

ERNEST & YOUNG
CLEVELAND, OH

FBI OFFICE
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HOLMDEL, NJ

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SAN ANTONIO, TX

TRANSAMERICA
CHARLOTTE, NC

UNIVERSITY OF NEBRASKA
LINCOLN, NE

VISA INTERNATIONAL
MIAMI, FL

**Section 09212
SonaSpray® "fc" Spray On Acoustical Treatment
Specification Guide**

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 9002 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 9002 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:

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