



PROJECT

Pollock Federal Penitentiary
Pollock, LA

ARCHITECT

Rees Associates Architects
Oklahoma City, OK

DETAILS

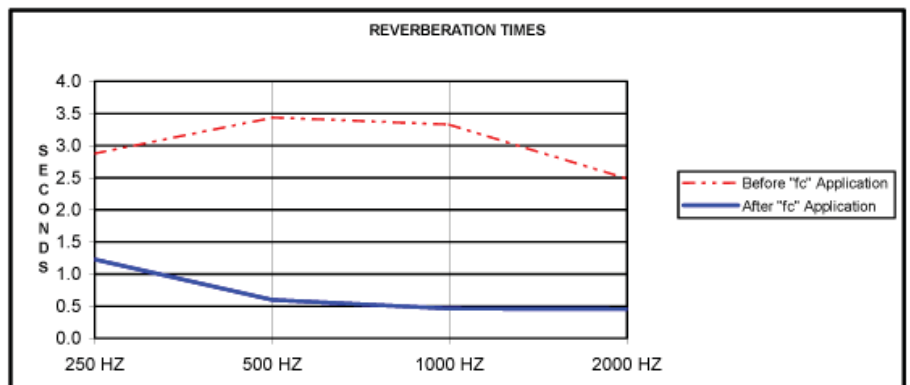
SonaSpray "fc" White
78,000 Square Feet
1" Thickness

The Pollock Federal Penitentiary, located in central Louisiana was designed to house persons that have been convicted or are awaiting trial for Federal crimes. Communication between the guards is vital to controlling the inmate population when they are allowed in the dayrooms of the prison. With all of the non-porous surfaces found in those rooms, noise generated by the inmates simply bounces from surface to surface rather than being absorbed. This hinders the guards ability to communicate and quite possibly, jeopardize their safety.

ICC's SonaSpray "fc" acoustical treatment was chosen to provide sound control for all 12 of the facilities day rooms.

The one inch application of SonaSpray "fc" to the ceiling, provides an impressive Noise Reduction Coefficient of .90. Detention facilities, schools, retail centers, exhibit halls and museums are just a few of the many types of projects in which SonaSpray "fc" can be utilized to provide an attractive acoustical treatment.

For new construction or renovation projects, International Cellulose Corporation's family of products offer the ideal ceiling treatment for any thermal or acoustical insulation needs. Contact ICC today at (800) 444-1252, or visit us online at www.spray-on.com for complete details on how ICC can improve your building projects.



PARTIAL LIST OF SIMILAR PROJECTS

Adams County Detention Facility
Brighton, CO

Blue Ridge Jail Facilities
Lynchburg, Campbell City &
Halifax, Virginia

Brooks County Detention Facility
Falfurrias, TX

Cass County Jail
Logansport, IN

Cresson Prison
Cambria County, PA

Escambia County Detention Facility
Pensacola, FL

Jefferson County Jail
Jefferson County, IL

Johnson County Jail
Franklin, IN

Marion County
Law Enforcement Center/Jail
Salem, IL

Maple Lane School
Juvenile Detention Facility
Centralia, WA

Maximum Security Prison Facility
Pine Grove, PA

Morris County
Juvenile Detention Facility
Morris, NJ

Pima County Jail
Tucson, AZ

St. Charles Parish
Correctional Facility
Kilona, LA

Lake County
Main Criminal Facility
Tavares, FL

Milan Detention Center
Milan, MI

Jamestown Prison
Jamestown, CA

Santa Rita Prison
Livermore, CA

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	1.15	1.15	1.15	.90

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.

Professionally Installed By:



12315 ROBIN BLVD.
HOUSTON, TX 77045
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713/433-2029 (FAX)
www.spray-on.com