

PROJECT

Monona Terrace
One John Nolen Drive
Madison, WI 53703

ARCHITECTS

Taliesin Architects
6501 Watts Rd, Suite 117
Madison, WI 53719

Potter Lawson Architects
15 Ellis Potter Court
Madison, WI 53711

DETAILS

SonaSpray[®] "fc"
Custom Color Beige
109,000 Square Feet
3/4" Thickness

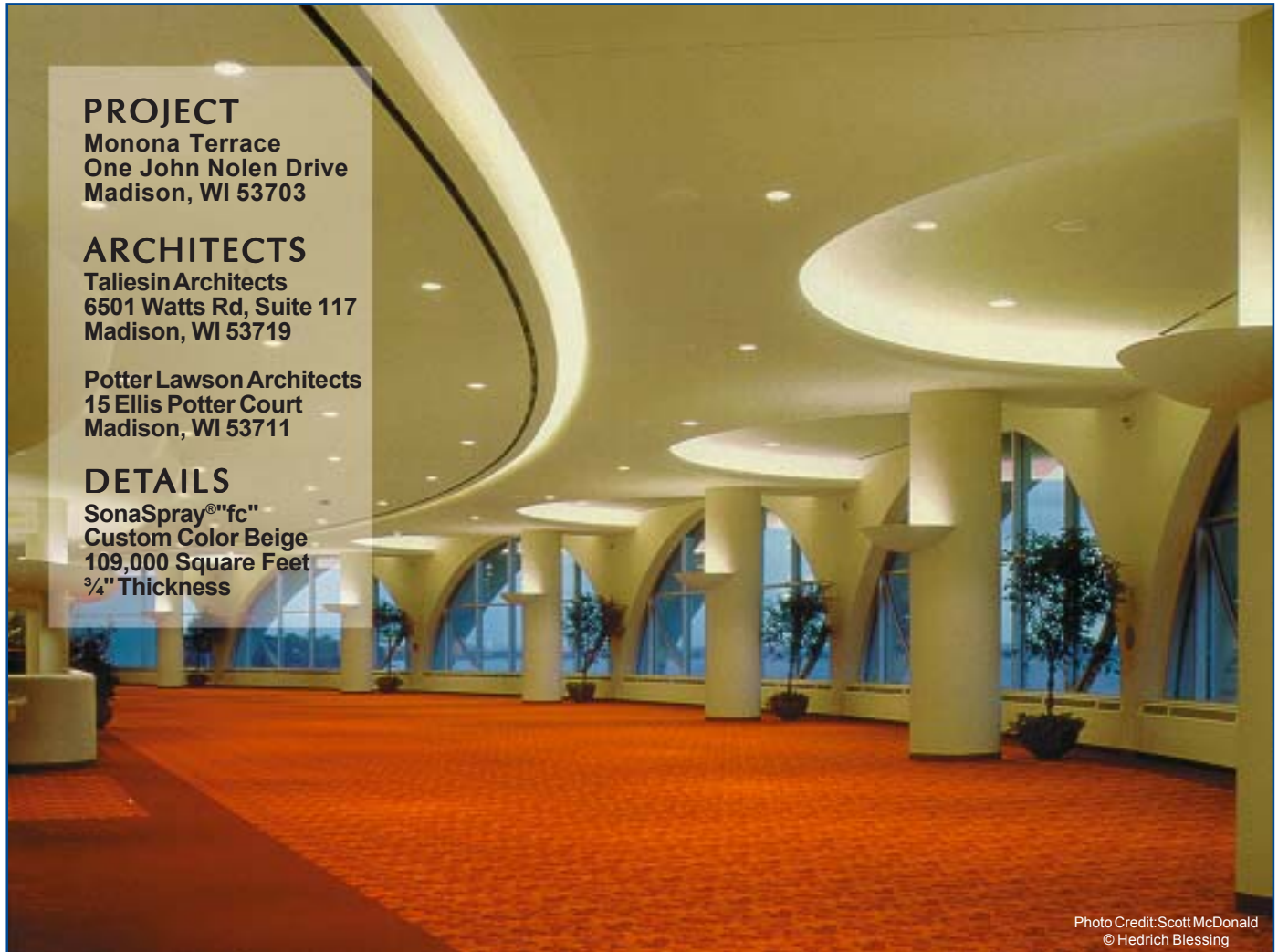


Photo Credit: Scott McDonald
© Hedrich Blessing

Monona Terrace is a stunning convention center in the heart of Madison, Wisconsin. The project is inspired by the original design of legendary architect and Wisconsin native Frank Lloyd Wright. Originally proposed in 1938, actual construction began in 1994. Monona Terrace fulfills his vision to create an architecturally striking structure that connects the state capitol, the cityscape and the community to Lake Monona's sublime shores.

This 250,000 square foot, tri-level building features a 14,000 square foot ballroom, fourteen well-equipped meeting rooms and an executive business center. The lake level boasts a 40,000 square foot rooftop garden for live performances and public or

private functions. An adjoining bike/hike path and 550-space parking ramp provide additional accessibility.

Monona Terrace is a perfect backdrop to showcase the versatility of SonaSpray "fc". The spray-applied ceiling treatment was used throughout the four levels of the facility—from the Exhibit Hall, the Grand Terrace, the Ballroom, to the assembly and promenade areas. A 3/4" application was applied to over 109,000 square feet in a specially mixed beige color.

The results with SonaSpray "fc" met and exceeded the expectations of project officials. The acoustics at Monona Terrace, which are a primary concern in such a

facility, are top-notch. With the 3/4" application of SonaSpray "fc", the facility has achieved a noise reduction coefficient (NRC) of .75.

Superior acoustic control, custom colors, the ability to conform to any substrate configuration and an attractive, uniform texture made SonaSpray "fc" the best ceiling finish for the Monona Terrace. For new construction or renovation projects, ICC's family of products offer the ideal ceiling treatment for any thermal or acoustic insulation need. Contact International Cellulose Corporation today at (800) 444-1252 for complete details on how ICC can improve your building projects.

PARTIAL LIST OF SIMILAR PROJECTS

PHOENIX CONVENTION CENTER
PHOENIX, AZ

LONG BEACH
CONVENTION CENTER
LONG BEACH, CA

PRIME OSBOURNE
CONVENTION CENTER
JACKSONVILLE, FL

MIAMI BEACH
CONVENTION CENTER
MIAMI BEACH, FL

WORLD CONGRESS CENTER
ATLANTA, GA

SAVANNAH CIVIC CENTER
SAVANNAH, GA

HONOLULU COMMUNITY CENTER
HONOLULU, HI

DES MOINES
CONVENTION CENTER
DES MOINES, IA

ERNEST N. MORIAL
CONVENTION CENTER
NEW ORLEANS, LA

WORLD'S FAIR
CONVENTION CENTER
NEW ORLEANS, LA

UMNO WORLD TRADE CENTER
KUALA LUMPUR, MALAYSIA

HATTIESBURG
CONVENTION CENTER
HATTIESBURG, MS

TAJ MAHAL HOTEL
CONVENTION CENTER
ATLANTIC CITY, NJ

THE AMBASSADOR
CONVENTION CENTRE
KINGSTON, ONTARIO

COLISEO ROBERTO CLEMENTE
SAN JUAN, PUERTO RICO

GEORGE R. BROWN
CONVENTION CENTER
HOUSTON, TX

SALT PALACE
CONVENTION CENTER
SALT LAKE CITY, UT

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 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

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.



12315 ROBIN BLVD.
HOUSTON, TX 77245
800/444-1252
713/433-2029 FAX
www.spray-on.com

Professionally installed by: