



DESIGN SOLUTION CONDOMINIUMS



PROJECT

Palisade Palms Condos
Galveston, TX

ARCHITECT

Kirksey & Partners Architects
6909 Portwest
Houston, TX 77024

DETAILS

K-13® Lt. Gray
3" Thick
50,000 sq. ft.



The Palisade Palms Oceanfront Condominiums is the first residential project on Galveston Island's east end built in 20 years. The twin 27 story buildings offer residents direct access to 400 feet of beachfront property. It also offers beautiful views of the Gulf of Mexico and Galveston Bay. Each tower has two stories of covered parking at ground level. The lobby and first floor of each tower is 28 feet above sea level. With these first floors air conditioned, a need for thermal insulation was called for on the ceiling of the parking garage.

A 3 inch application of K-13 was applied to the underside of the first floor to achieve an R-Value of 11. The color light gray was chosen because it blended in with the cement and gave a nice comfortable quiet environment.



K-13 offers superior acoustical control and is available in 6 standard colors: black, gray, light gray, tan, white, and beige. Custom colors are also available to match any interior décor. Arenas, museums, parking garages, libraries, gyms, worship facilities, and restaurants are just a few of the many projects that benefit from K-13.

No matter what your design requirements or budget constraints, K-13 can be customized to meet your needs. For new construction or renovation projects, ICC's family of products offer the ideal ceiling treatment for all of your thermal and acoustical needs. For additional information, contact us at **(800) 444-1252** or visit our website at www.spray-on.com.

SIMILAR K-13 PROJECTS

18TH AVE CONDOS
NASHVILLE, TN

ARENA DISTRICT CONDOS
COLUMBUS, OH

AVALON TOWERS
SAN FRANCISCO, CA

BELLA VISTA CONDOS
DAYTONA BEACH SHORES, FL

CAROLINE ATRIUM CONDOS
MIAMI BEACH, FL

EASTOVER CONDOS
CHARLOTTE, NC

HORSESHOE BAY CONDOS
HORSESHOE BAY, TX

MONACO HIGH RISE
HOUSTON, TX

SAGE CONDOMINIUMS
ST. PETERSBURG, FL

VILLA D'ESTE CONDOS
HOUSTON, TX

WILKS PASSAGE CONDOS
BOSTON, MA

COCONUT GROVE RESIDENCES
FT. LAUDERDALE, FL

TREVISIO CONDOS
NAPLES, FL

K-13[®] Spray On Systems Section 072129 Specification Guide 05/09

PART 1 – GENERAL

1.01 Section Includes

- A. Sprayed cellulose thermal insulation.
- B. Sprayed cellulose acoustical insulation.

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.
- C. Roof penetrations to be installed prior to application.

1.03 Quality Assurance

- A. Manufacturer must have a current listing with ICC.
- B. Manufacturer must be in compliance with the 2006 International Building Code.
- C. Manufacturer must be ISO 9001:2008 Certified.
- D. Applicator: Licensed by manufacturer.
- E. Manufacturer must subscribe to independent laboratory follow-up inspection services of Underwriters Laboratories and Factory Mutual. Each bag shall be labeled accordingly.
- F. Mock-up: Apply a 100 square foot representative sample to be reviewed by the Architect and/or Owner prior to proceeding.

1.04 Submittals

- A. Submit product data that the product meets or exceeds the following specified requirements.
 1. R-Value shall be 3.8 per inch per ASTM C 518.
 2. Bond strength shall be greater than 100 psf per ASTM E 736.
 3. Product shall be Class 1 Class A per ASTM E 84/ UL 723.
 4. Non-corrosive per ASTM C 739.
 5. Bond Deflection per ASTM E 759: 6" Deflection in 10' Span - No Spalling or Delamination
- B. Manufacturer's written certification that product contains no asbestos, fiberglass or other man-made mineral fibers.
- C. Copy of manufacturer's ISO 9001:2008 Certification.
- D. Minimum Fiber Recycled Content to be 75%.
- E. Cannot contain any Urea-Formaldehyde Resins.

1.05 Delivery, Storage and Handling

- A. Deliver 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
Email: icc@spray-on.com
www.spray-on.com
- B. For approved applicators contact ICC at 800-444-1252.

2.02 Materials

- A. K-13 Spray-On-Systems.

1. Color shall be from Manufacturer's standard color chart.
2. Comply with local Building Code requirements.
3. Material to have been tested in accordance with ASTM E 1042. Testing laboratory must be NVLAP accredited.

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 insure 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 protect from over-spray.
- B. Coordinate installation of the sprayed cellulose fiber with work of other trades.
- C. Prime surfaces as required by manufacturer's instructions or as determined by examination.

3.03 Installation

- A. Thickness will be determined as the minimum thickness measured as per ASTM E-605 field test procedure.
- B. Install spray applied insulation according to manufacturer's recommendations.
- C. Install spray applied insulation to achieve an R-Value of ____ (maximum of R 19)
- D. Install spray applied insulation to achieve an overall NRC of ____.

K-13 Sprayed Thermal and Acoustical Insulation ASTM C-423 on Solid Backing*							
Inches	125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ	NRC
1.00	0.08	0.29	0.75	0.98	0.93	0.96	0.75
1.00**	0.47	0.90	1.10	1.03	1.05	1.03	1.00
2.00	0.26	0.68	1.05	1.10	1.03	0.98	0.95
3.00	0.57	0.99	1.04	1.03	1.00	1.00	1.00

K-13 Sprayed Thermal and Acoustical Insulation Applied at 1.5" Ribbed Metal Deck*							
Inches	125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ	NRC
1.50	0.36	0.89	1.26	1.07	1.01	1.00	1.05
3.00	0.97	1.04	1.13	0.99	0.95	0.98	1.05

*Some values interpolated

**On lath

- E. Cure insulation with continuous natural or mechanical ventilation.
- F. Remove and dispose of over-spray.

3.04 Protection

- A. Protect finished installation under provision of Division 1.



**INTERNATIONAL
CELLULOSE
CORPORATION**

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HOUSTON, TX 77045
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E-mail: icc@spray-on.com
www.spray-on.com

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Professionally installed by:



K-13[®] is manufactured with:
Minimum 80% recycled content

PRINTED IN USA 09/09:



10%
TOTAL RECOVERED FIBER
ALL POST-CONSUMER FIBER



Mixed Sources
Product group from well-managed
forests, controlled sources and
recycled wood or fiber
www.fsc.org Cert no. SW-COC-001530
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