

**PROJECT**  
Spec's Liquor  
Houston, TX

**DETAILS**  
K-13® Black  
1" Thick  
25,000 sq. ft.



Spec's Liquor owned and operated by the same Houston family since 1962 is a true destination shopping experience. 28 stores located all over Houston, and surrounding areas offer the best selections of wines, spirits, beers, liquors, and cigars. Spec's recently opened a new store in the Northwest part of Houston. Designers wanted an open ceiling effect high enough to hang banners and signs. They wanted a nice quiet environment for the patrons to relax and enjoy their wine tasting nights. For this reason, K-13 spray-on

acoustical insulation was selected. K-13 black applied to the ceiling area offered the acoustics needed for this large open area.

K-13 is available in six standard colors: black, gray, light gray, tan and beige. Custom colors are also available to match any interior décor. Arenas, museums, libraries, gyms, worship facilities, and restaurants are just a few of the many projects that benefit from K-13. For more information on how K-13 can improve your new construction

or renovation projects, contact International Cellulose Corporation today at **(800) 444-1252** or visit our website at [www.spray-on.com](http://www.spray-on.com).



## SIMILAR K-13 STUDIO PROJECTS

BLOCKERS  
HARLEY DAVIDSON  
LEHIGHTON, PA

CINNABAR  
SAN JOSE, CA

CARQUEST  
HOUSTON, TX

CYCLE STUFF  
CAPE GIRARDEAU, MO

DICK'S COUNTRY STORE  
CHURUBUSCO, NY

NATHANIEL ELECTRONICS  
VERGENNES, VT

THE WINE SHOP  
PADUCAH, KY

WHOLESALE GROCERIES  
COLUMBIA, SC

## 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](mailto:icc@spray-on.com)  
[www.spray-on.com](http://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 \_\_\_\_.

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

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

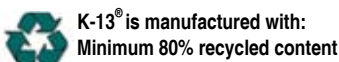
- A. Protect finished installation under provision of Division 1.



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[www.spray-on.com](http://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](http://www.fsc.org) Cert no. SMI-COC-001530  
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