

K-13

high-r system

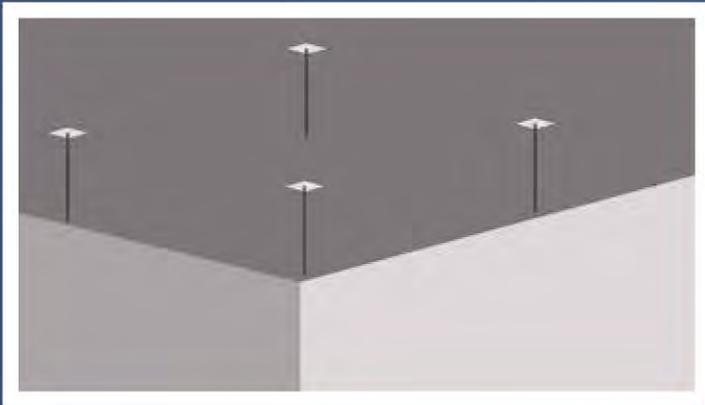
MECHANICALLY SUPPORTED
INSULATION FOR A
HIGHER R-VALUE

4"

4"

K-13 high-r system[®]

International Cellulose is excited to introduce the K-13 High-R System for the application of K-13 to meet specifications requiring R-Values greater than R-19. With a higher R-Value and the same benefits of all K-13 applications, the K-13 High-R System is the solution to your noise and thermal control needs.



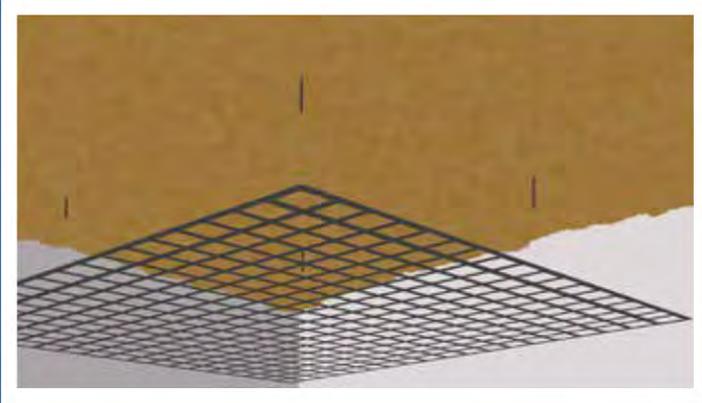
STEP 1

Install 6" stick pins starting 3" from wall in an approximate 16"x16" grid-like pattern.



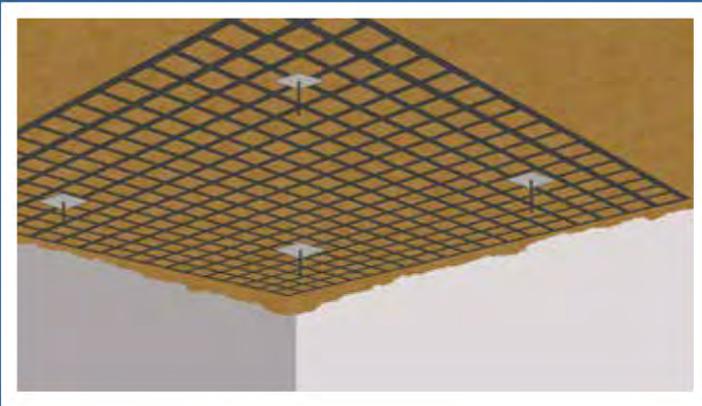
STEP 2

Spray base layer of K-13 Tan to approximately 4"-5" thickness.



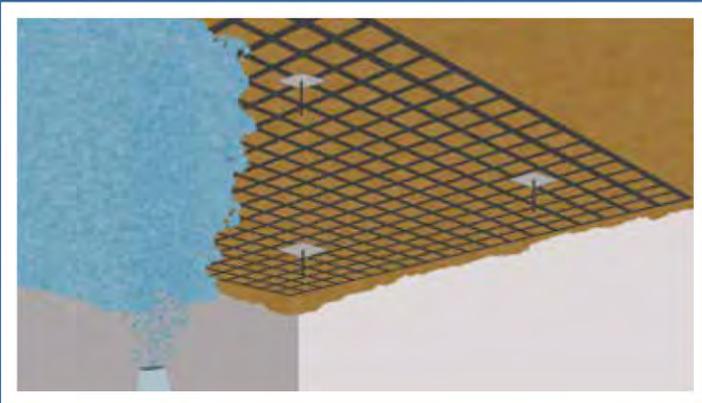
STEP 3

Place the wiring the over pins.



STEP 4

Secure the wiring to the pins with 1.5" washers.



STEP 5

Spray the final layer of K-13 to meet specified R-value.

DESIGN SOLUTIONS



PROJECT	Devon Energy Headquarters Parking Garage Oklahoma City, OK
ARCHITECT	Kendall-Heaton Associates Houston, TX
DETAILS	K-13 Light Gray The K-13 High-R System 81,000 sqft @ 8" Thick

Devon Energy's new 50-story corporate headquarters recently opened in October of 2012. Attaining LEED certification for their state-of-the-art facility was a primary goal. One of the criteria for attaining a LEED certification is energy savings. This can be accomplished in several ways, but specifying higher R-values for the exterior assemblies and using seamless insulation systems are the most cost-effective.

International Cellulose's new K-13 High-R system was chosen to insulate the concrete tee ceilings of the parking garages where there were conditioned spaces above them. The High-R System is a two-pass mechanically supported insulation that allows continuous application. R-30 was specified for these spaces and two four-inch passes were installed to meet the specification. The system was applied not

only to the flat surfaces, but also eight inches down both sides of the tees. The tees act like fins on a heating and cooling coil and will radiate cold and heat to the floor above.

The K-13 High-R System also contributed points to Devon's LEED certification. The system has an 80% post-consumer recycled content with its adhesive having a VOC content of less than 1 gm/l. In addition, no urea-formaldehyde was added in the manufacturing process.

Contact International Cellulose Corporation 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. ICC also offers architects an AIA/CES HSW SD Lunch N Learn program both live and on-line on the subject of Solving Architectural Noise Problems.

