The St. Thomas Moore Catholic Church used SonaSpray "fc" for acoustical control and aesthetics.

By directly reducing noise and reverberation levels, K-13 provides this arena with superior acoustic performance.

Product Limitations

K-13, SonaSpray "fc", and Celbar Spray should not be used in areas where there is prolonged exposure to water or heat in excess of 150°F (65°C). Nor should it be applied in areas requiring a washable surface, or where combustible contaminants such as dust, oil, etc., exist. Accumulations of these contaminants may become hazardous to the insulation. These contaminants will provide a fuel source and will burn when ignited and fire may spread.

Special Precautions

The fire retardant chemicals used in K-13, SonaSpray"fc", and Celbar Spray are water soluble. When the insulation is used in areas where condensation will form or where it is in contact with water, a periodic fire retardant over-spray may be necessary.

Celbar is applied with water and should not be sprayed on laminated wood paneling as it could cause warping. Celbar should not be used in areas where vinyl or foil wall covering or other vapor barriers are used on both sides of the wallboard, unless Celbar is allowed to dry completely before closing up the wall.

Surfaces receiving K-13 and SonaSpray"fc" should be checked for possible contaminants, i.e., rust, dirt, water stains, etc. prior to application. These areas should be primed/sealed to prevent bleed through.

For further information on limitations and precautions see I.C.C. Warning Bulletin SF-387.

Warranty

International Cellulose Corporation (I.C.C.) warrants its products to be free from defects in materials and workmanship at the time of shipment. Application warranties are provided by the approved contractor.

It is the responsibility of the user to determine compliance of the product with local building codes and other regulatory bodies.

I.C.C. is herein publishing information and data based on specific and generic tests. I.C.C. believes this data is as reliable as the present state of the art in fire, thermal, and acoustical testing, and can be used only as a guide for design. I.C.C. is not responsible for building design, appearance, or workmanship and makes no guarantee of performance.

I.C.C. specifically disclaims any warranty of merchantability or fitness for a particular purpose. In no event shall I.C.C. be liable for special, indirect or consequential damage.

Call (800) 444-1252

See and hear how K-13, SonaSpray "fc" and Celbar can improve your projects with our free videos.
Design assistance, specification sheets, technical data and test reports are available upon request.
ICC literature is also available in Spanish and German.
www.spray-on.com
www.celbar.com

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K-13, SONASPRAY "FC", AND CELBAR ARE MANUFACTURED FROM RECYCLED FIBERS

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Thermal & Acoustic Insulation

SonaSpray® "fc"

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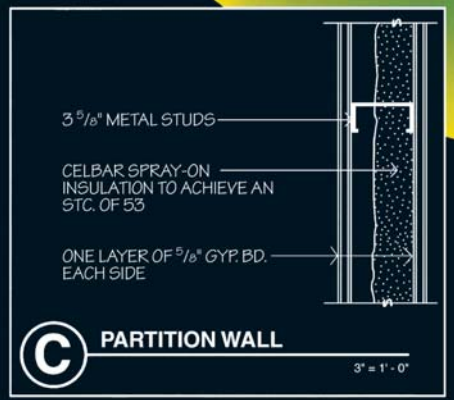
celbar® spray-on systems

Sound Transmission Control



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K-13 spray-on systems®

Compatible, versatile, and economical multifunction insulation system

CSI 07218 **(800) 444-1252**

The Custom Spray System

K-13 is the spray-applied insulation tailored to your specific project requirements for insulation (R value), noise reduction (NRC), color, durability, condensation control, texture, and aesthetics. In addition, it usually provides these features at lower installed prices than many common systems such as rigid board and batt insulations, sprayed plasters, and acoustical ceilings.

It is applied to virtually any properly prepared surface configuration of wood, steel, concrete, glass and other common construction surfaces. K-13 can be sprayed up to five inches thick overhead in one application without mechanical support. Additionally, K-13 serves as the exposed finish requiring no additional materials.

A Total System: Fiber, Binder, Application

K-13 is a total system of recycled natural fibers, chemical treatment, binding system and application method. The K-13 system begins with specially prepared cellulose fibers which are chemically treated to add resistance to fire, mold and mildew. K-13 is produced in a strict, quality controlled manufacturing process.

K-13 is applied by an international network of licensed applicators through approved fiber machines and nozzles for control of the fiber/binder ratio. During application, the K-13 fibers are combined with a patented adhesive. The finished product is a strong, durable monolithic coating of a predetermined thickness. Some surfaces will require priming prior to being sprayed.

Naturally Tough – Naturally Attractive

With its texture and wide variety of colors, K-13 is especially attractive as a surface finish in new construction as well as renovation projects. Available in six standard colors, K-13 can also be specified in specially matched custom colors.

BLACK	GRAY	LT. GRAY	WHITE	BEIGE	TAN

Color selection will affect the final price

Thermal Performance

K-13 insulates by creating dead air spaces between and within its hollow fibers. Because K-13 fibers are sprayed-in-place, they fill cracks, seams and voids, forming a monolithic coating over the substrate which reduces air infiltration. Unlike prefabricated insulations, K-13 has no voids or compressed areas to reduce thermal efficiency. The result is a more effective in-place product with exceptionally low heat transfer characteristics.

The patented adhesive utilized in the installation of K-13 adheres to virtually all common construction materials including: metal, wood, concrete, urethane, styrofoam and glass. Some surfaces may require pretreatment prior to installing K-13. This unique adhesive provides unequaled strength allowing applications of 3/4 inch to over 5 inches without mechanical support. This capability provides R-values from 3 to over 19.

Condensation Control

For areas such as indoor pools and ice arenas, K-13 aids in condensation control. The proper combination of K-13 and ventilation prevents condensation on metal, concrete and other surfaces. K-13 actually reduces ventilation requirements, saving in both the ventilation equipment investment and operating costs.

This manufacturing facility utilized K-13 for acoustical control and much needed thermal control.

Other Typical Installations of our Products

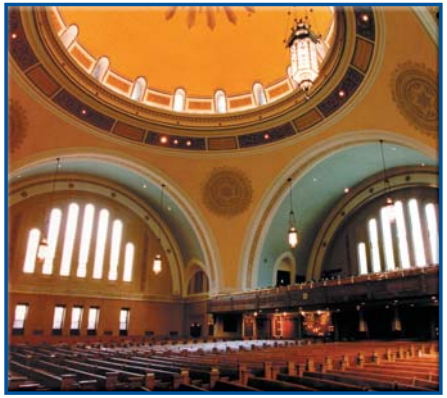
SonaSpray "fc" helps prisons achieve optimum acoustics and lighting.

K-13 sprayed to this concrete parking deck provides thermal control to the conditioned spaces above.

SonaSpray "fc" furnishes this office with a pleasing ceiling finish.

K-13 reduces reverberation and sound transmission in this T.V. studio.

Celbar helps to control sound transmission between the walls of this Las Vegas hotel.



Three special colors of SonaSpray "fc" furnish this worship facility with excellent acoustics and aesthetics.