



# DESIGN SOLUTION

## WORSHIP CENTERS



<b>PROJECT</b>	Mile Hi Church Lakewood, OH
<b>DETAILS</b>	K-13 Black 1.5" 40,000 Sq. Ft.
<b>ACOUSTICAL CONSULTANT</b>	D.L. Adams Associates Inc. Denver, CO

resilient fibers of K-13 absorb sound energy instead of reflecting it, reducing reverberation time and making speech and music more intelligible. Excessive noise is eliminated with the application of K-13, while greatly improving ambient sound quality.

No matter what your design requirements and budget constraints are, ICC's products can be customized to meet your needs. Churches, warehouses, restaurants, gymnasiums, sports facilities, and schools are just a few of the many types of projects that benefit from K-13. Whether for new construction or renovation, International Cellulose has an acoustical and thermal solution to help you create the ideal interior space.

The Mile Hi Church in Lakewood, Colorado started in January of 1959 and has steadily grown since that time. In March of 2007, they broke ground on a new 1,500-seat sanctuary. With such expansive ceilings, acoustics were just as important as aesthetics in the design process. The architects at D.L. Adams Associates chose to use 1-1/2" Black K-13 spray-applied acoustical and thermal insulation on the ceiling to contrast the white panels and dramatically improve the sound quality of the room.

International Cellulose's K-13 helps control the reverberation (echo time) in the sanctuary. The

**Contact International Cellulose Corporation today at (800) 444-1252 or visit us online at [www.spray-on.com](http://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.**

## SIMILAR K-13 PROJECTS



**Christian Life Center**  
Kalamazoo, MI



**Peppermill Concert Hall**  
Wendover, NV



**First Lutheran Church**  
Sioux Falls, SD

### WHY DO WORSHIP CENTERS NEED TO CONSIDER ACOUSTICS?

Ultimately, a worship center is about providing a place for people to come together and spread a message. This is why an acoustically effective environment is vital.

All too often, sound systems are made a priority but the acoustics of the room get overlooked, effectively destroying the benefits of any sound system.

International Cellulose's family of products provides a remedy that can fit almost any budget and design goal. Our products are spray-applied for versatility, can adhere to virtually any substrate, and come in custom colors making them the perfect choice for new construction or renovation.



**Westminster Chapel**

Bellevue, WA

Westminster Chapel was established in 1964 by thirteen families. Since that time they have grown to a membership of over 3,000. One entire floor is devoted to its youth ministry and music. Since many of the productions are performed with live music, exceptional sound control was a must. K-13 was applied at 1" to the ceiling providing an overall Noise Reduction Coefficient of .75.



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