



PROJECT

**New Life Orthodox Presbyterian
Multi-Purpose Room**

DETAILS

**Special Color K-13®
8,800 Square Feet
1" Thickness**

Multi-purpose centers are quickly becoming an integral part of the make-up of worship facilities. Many of these centers are very impressive and function as a great addition to the worship facility because of the number of activities that they can accommodate. The open design of the centers make them ideal for functions such as holiday dinners and parties, meeting areas, skating rinks, gymnasiums, auditoriums, and even as shelters during emergency situations.

Because so many activities can be held at these centers, careful consideration must be taken into the acoustical design of these large rooms. Without proper acoustical insulation, a multi-purpose room will quickly turn into a loud din during functions due to the reflective surfaces generally present inside these types of rooms.

The New Life Orthodox Presbyterian Church Multi-Purpose Room in La Mesa, CA had some acoustical concerns after the building was finished and operational. As they began to hold functions in the room they realized that the room was too "lively" and seemed to reverberate to a point where the noise levels within the room became uncomfortable. Informal acoustical tests were conducted and revealed that the room had an unacceptable reverberation time of 8-9 seconds.

After careful consideration of all available options, the church decided on a specially matched color K-13 to solve their acoustical problem. The resilient fibers of K-13 absorb sound energy instead of reflecting it, reducing reverberation time and making speech and music more intelligible. The church's multi-purpose room reverberation time was reduced to a comfortable level of 1½-2 seconds and extremely pleased the church officials.

Multi-purpose rooms, schools, libraries, and worship centers are a small selection of project types in which K-13 can be utilized to provide an attractive acoustical treatment. Contact International Cellulose Corporation today at (800) 444-1252 for complete details on how K-13 can improve your new construction and renovation projects, or visit us on-line at: www.spray-on.com.