

AN ACOUSTICAL FINISH CASE STUDY FROM INTERNATIONAL CELLULOSE



PROJECT	St. Charles Senior Living Community Assumption Chapel Renovations Carthage, Ohio
ACOUSTICS	Jon Mooney, Amelia, OH with Angelo Campanella Columbus, OH
DETAILS	SonaKrete® Standard White 7,144 sq ft. @ 3/4"
ARCHITECT	Hollmann Design Associates Cincinnati, Ohio

This beautiful St. Charles Romanesque Chapel, resting on 500 acres of Ohio farm land was built in 1906. The main seminary building surrounding the chapel was built in 1922. In 2006, the main building was renovated into independent apartments and is now known as the Saint Charles Senior Living Community. Major upgrades were completed on the chapel in 2009 with most of the emphasis being on improving speech intelligibility.

Acoustic performance, appearance and cost were the three deciding factors that lead the decision makers to call upon ICC for help. Maintaining the original look was critical on this project. Standard White SonaKrete was specified at 3/4", providing an outstanding NRC of .75. SonaKrete is a spray-applied, hand trowelled premium acoustic finish which eliminates the popcorn look of other similar products.

Upon completion, Fr. Jim Seibert said "I am convinced that the reverberation time is better than it has ever been since the chapel was built. Over the years different sound systems and speakers have been tried, but with little success. We hired Jon Mooney to test our space and make recommendations. We followed his plan to install an acoustic finish to the ceiling." Fr. Larry Hemmelgarn said "We tried all kinds of speaker systems and nothing worked. Speech intelligibility was horrible. We finally achieved what we wanted to do and we are extremely pleased. That SonaKrete is absolutely incredible". Jon Mooney, upon seeing the finished project, said "Wow! It's beautiful and you can quote me on that!" Architect Jay Hollmann said "Many were skeptical. To say that we were anxious is an understatement. In the end, the improvement in acoustics was truly magnificent. Add my applause to all the other compliments. We are extremely pleased".

SonaKrete is ideal for any architectural surface requiring acoustic performance and beautiful aesthetics. SonaKrete is available in Standard White and Arctic White. Custom matched integral colors are also available. Contact International Cellulose at 1-877-790-9367 for samples and complete technical information or visit our website at www.sonakrete.com. Would you like to learn more? ICC even offers architects an AIA/CES program on the subject of Spray-applied Acoustic Finishes.