

AN ACOUSTICAL FINISH CASE STUDY FROM INTERNATIONAL CELLULOSE



**PROJECT** Sunfire Grill at Sunsera Resort  
Crescent Bar, WA

**DETAILS** SonaKrete™ Custom Color:  
Columbia Paint's Mystic Fire  
2,300 sq. ft @ 3/4 in

The Sunfire Grill near Quincy, Washington prides itself by offering exquisite cuisine and breath-taking scenery. Restauranteur Karl Winchester and his wife Dori have forty-five years combined experience in the restaurant industry which adds a level of pride to every plate they serve. What they did not expect was how the new dining room's reverberation time would spoil the grand opening. Thirty seconds after the music began they had it stopped; it was total noise overload.

The Greenbush Group, an acoustical consulting firm from Seattle, was contacted to make recommendations. They suggested spraying the ceiling with ICC's K-13 or SonaSpray "fc". The local ICC licensed installer, Curtis Giffin of Western Spray-On Insulation, had the unique privilege of introducing Karl to ICC's new, trowel-finished SonaKrete™. This made SonaKrete™ a *surefire* choice. At 3/4 inch, SonaKrete™ provided an NRC of .75. Upon completion, the objectionable 4.0+ second reverberation time was reduced to 1.5 seconds.

Karl said, *"When I first walked into the room after they finished, I was absolutely amazed. My dinner guests can now carry on a conversation and hear the music distinctly. Not only that, it really looks great. What a difference!"*

Acoustic considerations are all too often neglected in the design phase of a restaurant. Everyone knows what it's like to try to have a conversation in a noisy restaurant. The average noise level of a typical restaurant during a dining rush is 80 dB (some reach as much as 110 dB). That's equivalent to a lawnmower! At those levels, the general ambience is totally spoiled. *Would you like ear plugs with your soup?*

SonaKrete™ is a hand-trowelled, premium finish which eliminates the popcorn look of other sprayed acoustic products. SonaKrete™ also qualifies for LEED credits. It is available in white, arctic white and custom integral colors, offering versatile options that help meet both your aesthetic and acoustic needs. ***With SonaKrete, Quiet Never Looked So Good.*** Contact ICC at **1-877-790-9367** for samples and complete technical data. Please also pay a visit at **www.sonakrete.com**. Would you like to learn even more? ICC also offers architects an AIA/CES Lunch-N-Learn program on the subject of Spray-Applied Acoustic Finishes.