



**Tennessee Theatre**  
**Memphis, TN**



## ACOUSTICAL CONSULTANT

**Kirkegaard Associates**  
Chicago, IL

## DETAILS

**SonaSpray “fc”, Special Color**  
**1” Thickness**

The Tennessee Theater, located in the heart of downtown Knoxville, is known as the Official State Theater of Tennessee and is listed on the National Register of Historic Places. The theater first opened its doors back in 1928 and over the next 77 years hosted a wide variety of events including classical music performances, vintage films, dance, theater, and music concerts. In 2005, the theater underwent a \$23 million major historic renovation.

The renovation presented a challenge: preserve and restore the historical elements while providing superior acoustics that would accommodate all types of performances held at the theater. The renovation included an enlarged orchestra pit, modernization

of theater & AV equipment, and restoration of all surfaces throughout the lobby, lounge, foyers and auditorium. Kirkegaard Associates, one of the world’s leading acoustical design firms, was brought in to overcome this design challenge.

The goal was met by integrating the the proper acoustic finishes, acoustic materials and AV systems design. One of the products incorporated into the design was SonaSpray “fc” acoustical finish, which was spray-applied to wall surfaces within the performance area. A special blend of SonaSpray “fc” was manufactured by International Cellulose Corporation and then painted to meet the specified acoustical requirements and to match

the existing color scheme of the theater.

SonaSpray “fc” was chosen for it’s superior sound absorption qualities, attractive finish and availability of specially matched colors. At a thickness of 1”, SonaSpray “fc” delivers an unequalled NRC of 0.90.

SonaSpray “fc” provides an attractive, high performance solution to acoustical objectives in both new construction and renovation projects. Typical installations include sanctuaries, schools, libraries, theaters, restaurants, offices and many more. For more information on this project or a similar application, contact ICC today at **(800) 444-1252** or visit us online at **[www.spray-on.com](http://www.spray-on.com)**.