



PROJECT PROFILE

HOTELS AND RESORTS



PROJECT

Luxor Hotel & Casino
Las Vegas, NV

ARCHITECT

Veldon Simpson
3922 Las Vegas Blvd. S.
Las Vegas, NV

DETAILS

K-13"fc"® (Desert Beige)
350,000 Square Feet
1" and 1/2" Thicknesses

The Luxor, Circus Circus's latest and greatest resort, is truly an amazing building. At a cost of \$300 million, the pyramid shaped structure is 30 stories tall and covers 2.45 million square feet. The interior of the building is an enormous 29 million cubic foot enclosed

atrium surrounded by cantilevered corridor balconies. As impressive as this world renowned building is, the acoustic and aesthetic performance of K-13"fc" is equally impressive.

K-13"fc" effectively provides the acoustic control necessary to manage the noise level and reverberation created by the massive volume of the atrium and the various activities occurring within it. At the same time, K-13"fc" gives the atrium ceiling an appealing texture which enhances the overall visual effect of the building's design.

To match the decor and fit within the Egyptian theme of the resort, a special color of K-13"fc" (Desert Beige) was specifically matched for this project. The Desert Beige K-13"fc" was spray applied to the cantilevered concrete balconies which make up the ceiling of the atrium.

A one inch thick application of K-13"fc" provides an NRC of .90 for the middle seven balconies, where acoustics were determined to be the most critical. The upper and lower balconies were treated with a half inch thick application of K-13"fc" to provide an NRC of .65. In addition to the Luxor's atrium, 30,000 square feet of K-13 Black was applied to the ceiling of the Luxor's arena which is on a level below the atrium.

Superior acoustic control, custom colors, ability to conform to any substrate configuration and an attractive, uniform texture made K-13"fc" the best ceiling finish choice for the Luxor. Whether for new construction or renovation projects, large or small, the K-13 family of products can create an ideal ceiling for you. Contact ICC today at **800/444-1252** for complete details on how a K-13 product can improve all of your building projects.