



VALLAREX CORK FLOATING FLOOR *ACOUSTICAL PROPERTIES*

Expanko cork flooring is well known for having excellent acoustical properties. For over 100 years, cork has been used throughout the world in churches, libraries, universities and homes due to its ability to reduce echo and sound transmission.

The acoustical properties of cork are derived from its unique cellular structure. Cork is composed of over 2.4 million cells per cubic inch of material. These closed cells, filled with air, provide excellent resistance to sound transmission and echo much like fiberglass or any other insulation material. This insulation level is further enhanced by the structure of the cells, since there are no gaps between them and the cells are closed. Unlike most synthetic insulating materials, cork does not break down quickly over time; therefore, it retains its acoustical properties even 90 years after installation.

Cork has a higher level of acoustical deadening than other resilient flooring materials. Its level of acoustical deadening is far greater than synthetic and wood products because of its closed cell structure. A simple drop test on a cork tile with a golf ball illustrates the acoustical superiority over other resilient flooring. When compared to carpet, acoustically cork will not perform as well, however; maintenance, performance and durability of carpeting is inferior to cork.

Please contact an authorized Expanko dealer for additional information and customer service. Installation instructions, technical documentation and care and maintenance instructions are available on our website at www.expanko.com.