



GENERAL DESCRIPTION

Cork is a naturally resilient product with unparalleled durability, suitable for both commercial and residential installations. Because cork is a natural product, shade variations are normal, adding to the beauty of the natural flooring surface.

Standard Dimensions: 12" x 12" and 24" x 24"

Standard Planks: 4" x 12", 4" x 24", 6" x 12", 6" x 24"

Custom Sizes: Custom cuts available up to 36" in length

Thickness: 3/16", 5/16"

Construction: High density homogenous and veneer cork tiles.

Surface Finishes:

Polyurethane: 3 coats of water-based matte polyurethane applied at factory.
2-3 additional coats required for commercial uses and high traffic areas.

Density: \leq 35 lbs. per cubic foot

Thermal Properties: Thermal Conductivity for 3/16" thickness: 0.065 W/m²•K

Storage Conditions: Material shall be stored and installed where relative humidity is between 45% and 75%, and the temperature is between 65°F and 80°F. Material MUST be left in unopened original packaging prior to installation for at least 72 hours in area where it is to be installed.

Residual Indentation: Cork flooring has the ability to recover up to 100% from indentations. However, when excessive pinpoint pressure is applied (i.e. stiletto heels, improper furniture and appliance footings) cork will NOT recover completely.

Fire Test (ASTM E648): Rated as Class I

Coefficient of Friction (ASTM D-2047-93): 0.98

Acoustical Data:

- ASTM E 492-90/ASTM E 989-89 (STC rating)
 - 3/16" = 32dB
 - 5/16" = 54dB
- ASTM E 90-02 (IIC rating)
 - 3/16" = 30 dB
 - 5/16" = 51 dB

Cork will fade in direct sunlight.

Resilience - The resilience of cork is due to the unique cellular structure, which consists of over 2.4 million air-filled cells per cubic inch. Because approximately 80% of cork is air, it can recover up to 100% of its original dimension when compressed with pin pointed pressure. The resilience gives users a floor that is comfortable to walk on causing less stress to the back and feet.

Unparalleled Durability - The durability of cork can be attributed to the finish, resilience and structure of the cork tiles. The finish that is applied to the surface protects it from moisture, chemicals, dirt and other damaging materials. The resilience of the floor aids in its durability because it tends to "give" which helps to resist scratching and denting. Many floors remain in service today after more than 80 years of commercial use.

Environmentally Friendly - Cork flooring is made from the bark of the Cork Oak tree. The bark is stripped from the cork tree every nine years inflicting no damage upon the tree (cork is truly a renewable resource - unlike wood floors where the tree must be cut down). In addition, chemicals are rarely if ever used in the production of the cork trees either for pest control or fertilizer. To produce the cork tiles Expanko uses 80-100% pre-consumer waste generated from wine stopper and other cork production. Additionally, waste generated from production is granulated and used to power the manufacturing equipment.

Excellent Acoustical Properties - Cork is very quiet to walk on making it an excellent flooring choice in public areas such as libraries and churches. It is an excellent sound insulator helping to reduce step sound in a room as well as reducing sound transfer between floors.

Rich Natural Look - Expanko products are not covered with vinyl or other finishes which hide the natural beauty of the material. Cork has a unique and natural look to it complementing classic and contemporary designs. With its natural shade variations and our ability to custom manufacture, Expanko cork flooring allows vast opportunities in floor design.

Non-Toxic - Because cork is a natural product, it is non-toxic and does not contain odors and chemicals that can cause allergic reactions.

Easy Installation and Maintenance - Cork can be installed using over standard plywood and concrete sub-floors. Damp mopping with a mild detergent is all that is necessary to maintain a cork floor. Cork does not stain easily or require scrubbing or cleaning with harsh chemicals. Like hardwood, periodic reapplication of finish is recommended.

Suitable for Both Commercial and Residential Application - Because of the durability of cork, it is suitable for both commercial and residential installation.

For more information visit www.expanko.com or call 800-345-6202.