Residential & Commercial 2009 Collection

Cork Flooring

Cork, Bamboo, Eucalyptus, FSC Hardwood Flooring
Cork, the creative choice for floors and select wall areas in prestige residences and commercial buildings.

Nothing quite has the look or feel of cork, to impart a sense of sophistication, style and natural warmth in an abundance of colors.

The only cork available in 54 colors

Cork Flooring
Residential & Commercial
2009 Collection
The many benefits of Cork

Environmentally friendly
renewable resources

Harvested with minimal impact
on the environment

Contributes to LEED 2.0 MR: Credit 6
Rapidly Renewable Resources

Leed 2.0 EQ Credit 4.01
Low emitting materials

Cork Flooring

Duro-design cork is a sustainable, natural material that
creates beauty and offers limitless possibilities to forward-
thinking architects and interior designers with a creative and
innovative eye. Duro-design’s advanced coating technology
gives cork a highly resistant and long lasting protective shield
delivering performance qualities equal or superior to hard-
wood, necessary for high traffic environments.

Durability you can count on

DURO-DESIGN CORK FLOORS
ARE DURABLE FOR TWO MAIN REASONS :

1. The density of our cork is at least 500 kg / m³, which
   gives it exceptional indentation recovery from high heels
   and the weight of heavy objects.

2. Specially engineered for the resilience and buoyancy
   of cork, our four-coat, on-site MP765™ two-component,
   water-base urethane is the ultimate finishing system.
   It possesses all the attributes needed to give the cork
   flooring excellent durability including:
   - Super flexibility to follow the bouncing movement
     of the cork
   - Excellent abrasion and chemical resistance
   - Very sharp optical definition to give the cork
     a beautiful, natural and vibrant look.

The MP765™ water-base urethane is fast-drying and almost
negligible of VOC contents. It has a viscosity of about 20
seconds (Ford cup #4) and applies almost effortlessly,
like washing a floor. What’s more, it completely effortlessly,
creating an impermeable floor.

It is also very easy to recoat. Just a light screening is necessary
before refinishing the floor.

Ideal sustainable material
Every year the cork bark is peeled. It takes
9 to 14 years to completely grow back.
Cork trees will live to well over 500 years.
Moreover, no harmful chemicals are used
in the processing or manufacturing of cork.

Great durability
Our unique MP765 coating system water-base
urethane results in a outstandingly durable
surface that out-performs wood,
linoleum and vinyl.

Sheer Beauty
The six distinct patterns of the cork tree are
of the most exquisite natural materials available.

Vast choice
Our staining technology is such that we can
create a finished cork floor in virtually
any color imaginable.

Endless design possibilities
Our cork tiles are easy to cut and can be crafted
into all manner of designs and patterns.

Natural cushioning
Our treated cork retains its natural buoyancy,
making it exceptionally comfortable to walk on.

Innate acoustic properties
This makes cork an inspired choice for libraries
and public buildings where quietness
is a sought-after quality.

Humidity proof
Cork flooring from Duro-design is perfect for spas
and similar applications because it is unaffected
by humidity.

Cleanliness
Cork is both anti-allergenic and anti-static.

Low maintenance
Due to our special water-base urethane coating,
our floors need only minimal maintenance.

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RESIDENCE, SONOMA, CA
Baltico Natural with inlays of Mahogany and Sorbet White

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RESIDENCE, LOUISVILLE, TN
Natural Barriga
McCarty Holsapple McCarty, Architects

Cork is tranquility

ILLINOIS HOME, BURR RIDGE
Cleopatra Negra / Planks, Rioja
PRIVATE RESIDENCE MASTER BEDROOM, BLUE ASH, OH
Baltico Bleach with Cherry border

PRIVATE RESIDENCE, NY MANHATTAN APARTMENT
Baltico Praline

PRIVATE RESIDENCE BALTIMORE, BALTIMORE, MD
Barriga in Panama Yellow, Red Terracotta, Primavera and Nacho Cheese
The trendy look of cork

Vast choice: Our staining technology is such that we can create a finished cork floor in virtually any color imaginable. Cork, being textured, accepts staining much better than wood.

BANK OF WAUSAU, WI
Baltico Natural and Red Maple
C.A. Ghidorzi Design
GRIFFITH PARK OBSERVATORY, LOS ANGELES, CA
Barriga in Sunny Yellow, Red Terracotta, Red Maple and Mahogany
Pfeiffer Associates, Architects
Duro-design’s advanced coating technology gives cork a highly resistant and long-lasting protective shield delivering performance qualities equal or superior to hardwood, necessary for high traffic environments.
The six distinct patterns of the cork tree are among the most exquisite natural materials available. The MP765™ water-base urethane gives cork a deep, vibrant and rich look.

Special Duro-Design cork flooring tiles are designed for settings where maximum sound absorption is essential. In specific projects like museums and libraries, extra thick 5/16” x 12” x 24” tiles are used for optimal acoustics and comfort.
ONTARIO ART GALLERY
Architect: Frank O. Gehry & Partners

Beautiful, high traffic resistant natural Marmol & Granite tiles

A superior hi-tech Duro-design extra resistant water-base urethane guarantees lasting beauty and durability
RZ AND CO. BEAUTY SALON, MADISON, WI
Cleopatra Negra in Mahogany and Marble White with Cleopatra Powder Blue.
Zing Design

HARD ROCK VAULT, ORLANDO, FL
Edipo Panama Yellow, Cleopatra Walnut, Red Terracotta, Mahogany and Marble Green
My Design Inc.

High density cork, if covered with four coats of our MP765™ water-base urethane and annually refinished, will withstand traffic exceeding 5,000 people per day, which is much higher than typical retail or commercial traffic and beyond comparison to normal residential traffic.
Duro-design premium cork is the natural, relaxing and comfortable flooring for spas.
Duro-design cork flooring has the innate ability to resist water, oils and soap thanks to its unique MP765™ water-base urethane.
PACIFIC SUNWEAR,
WILLOW GROVE, PA

Cleopatra Cocoa
Duro-design flooring can be used to great practical and aesthetic effect in diverse environments, including retail stores, restaurants, offices, hotel rooms and lobbies, clinics, resorts, universities, public buildings, houses of worship, and more.
Barriga Natural and Leather Brown

Cork flooring is amazingly durable and complements real designer’s furniture.
VANDERBILT UNIVERSITY, OWEN GRADUATE SCHOOL OF MANAGEMENT, NASHVILLE, TN
Barriga Natural with Moka stripes
Everton Oglesby Askew Architects

INDIANAPOLIS ART MUSEUM, PUCK’S CAFE, INDIANAPOLIS, IN
Edipo in Natural and Mahogany with Marmol Whiskey Brown Border

Great for high traffic
EVANSVILLE CENTRAL LIBRARY,
EVANSVILLE, IN
Barriga Natural and Black
Veazey, Parrott, Durkins,
Shoulders, Architects

Natural cushioning: Our treated cork retains its natural buoyancy, making it comfortable to walk on and thus exceptionally easy on the legs and feet. It’s also great to create attractive design.
UNIVERSITY OF TEXAS
GEOLOGY LIBRARY, AUSTIN, TX

Cleopatra Natural with inlays of Marmol Burgundy and Infinity Blue
O’Connel Robertson and Associates Architects

KRESS LIBRARY, DEPERE, WI

Baltico Natural
BETH AM TEMPLE, BUFFALO GROVE, IL

Marmol in Natural, Whiskey Brown and Cognac
Nevin Hedlund Architect

The traditional Marmol pattern in earth tones has the beautiful look of granite.
Low maintenance: Materials like linoleum and vinyl need constant upkeep. By contrast, and due to our special water-base urethane coating, our floors need only minimal maintenance, which makes them a cost-effective alternative for a great many applications.
The anti-microbial floor for operating rooms, labs and white rooms
ASTRA ZENECA HEADQUARTERS,
DAYCARE WILMINGTON, DE
Marmol Natural planks
CUH2A Architects

ANHEUSER-BUSCH,
CORPORATE OFFICE, MIDWAY, FL
Edipo Natural
54 colors to choose from

- Bleach
- Marble White
- Oyster
- Natural
- Off-White
- Maple
- Pearl
- Pastis
- Soft White
- Sunny Yellow
- Dijon
- Cara Yellow
- Mustard Yellow
- Panama Yellow
- Malt
- Bronze
- Praline
- Leather Brown
- Orange
- August Brown
- Cognac
- Scarlet Red
- Mahogany
- Red Maple
- Cointreau
- Red Terracotta
- Armagnac
- Orange Mahogany
- Burgundy
- Chestnut
- Algerian Red
- Rioja
- Walnut
- Coffee
- Granite
- Black
- Cherry
- Light Oak
- Pecan
- Dark Oak
- Cocoa
- Moka
- Cobalt
- Whisky Brown
- Steel Green
- Greige
- Marble Green
- Panasia Green
- Emerald Green
- Aqua
- Primavera
- Azure
- Charcoal
- Infinity Blue

...and six patterns

- CLEOPATRA
- MARMOL
- BALTICO
- EDIPO
- CLEOPATRA NEGRA
- BARRIGA

All colors are compatible with any pattern. Custom staining available.
Installing a Duro-design cork floor can be accomplished in five easy steps:

1. Ensure that wood or concrete sub-floor is free of imperfections, using Portland self-levelling cement to make any necessary repairs.

2. Apply water-base contact adhesive with short-nap paint roller. Wait 45 minutes for the adhesive to dry. The dry adhesive will reactivate the pre-glued tiles.

3. Lay down the tiles as tightly as possible, compressing them together if necessary so as not to leave any gaps. The tiles are easily cut with a utility knife.

4. After installing a few tiles, apply pressure to the joints with a small melamine roller. Alternatively, wait until the end and go over the entire area with a 100-pound roller.

5. Apply four coats (two-hour interval between coats) of our MP765™ water-base urethane using synthetic lambskin wool supplied.

Properly installed and coated with our advanced water-base urethane, a floor made with high density tiles from the Duro-design Cork Flooring Collection is superior in terms of durability and performance to traditional hardwood and linoleum.

We can also provide on-site supervision to assure a perfect installation. Detailed installation instructions can be found on our Web site at: www.durodesign.com/products/installation

**Technical specifications**

- **Glue down method:** 12’ x 12” or 12’ x 24” x 3/16” tile thickness (5/16” on special demand)
- **Floating floor method:** 12’ x 36” x 1/2” with 1/8” wear layer
- **Six patterns available**
- **Density of 500 kg/m³**
- **Thermal insulation** (conductivity coefficient), for densities of 450 kg/m³ = 0.958 kcal/m² °C, for densities of 600 kg/m³ = 0.1285 kcal/m² °C
- **Humidity Resistance**
- **Compress & recovery** (ISO 9727) with loading of 7 kg/cm², initial 10%, residual (after 1 hour) 1.5%; breaking tension on traction, not less than 2 kg/cm
- **Dimensional tolerance**
- **Length-width = -0.5, thickness = /0.2**
- **Fire rating** (ASTM E648): Class II
- **Smoke density** (ASTM E-662), Flaming 103, Non-flaming 109
- **Slip resistance** (ASTM C-1028): Dry .7048, Wet .7293
- **Abrasion resistance** (ASTM D-3884): 700 wear cycles
- **Acoustical insulation and impact noise resistance:** FTSC 53 & RIC 67 on 8-inch concrete slab as per ASTM regulations.
- **MP765™ WATER-BASE URETHANE TOPCOAT**
  - **Color:** clear
  - **Characteristics:** odorless and non-yellowing
  - **Reducer:** water 10-15% maximum
  - **Viscosity:** 20 ± 2° F4
  - **Weight Solids:** 35.7%
  - **Weight per gallon:** 10.4lb/Gal
  - **Thickness:** 3-5 mls
  - **Application:** water-base applicator
  - **Catalyst:** C-100, 2%
  - **Drying requirements:** 1-2 hours between each coat
  - **Other details:** 24 hours to walk on

**Maintenance & revarnishing**

**Maintenance**

Duro-design cork floors are best cleaned by vacuuming, sweeping and using light wood cleaners; oils and waxes are to be avoided. Clean regularly with water and mop; you can periodically use wood-floor cleaners for prefinished hardwood floors diluted in water.

Floor should be checked for wear and tear every year; whole floor or certain areas can be revarnished as required (typically this should be done yearly in retail environments, every two to three years in commercial environments, and every five to seven years in residential environments).

**Revarnishing**

To re-varnish, manually sand the floor with a #220 grit sand-paper, and apply two coats of the MP765™ water-base urethane. For more info go to: www.durodesign.com/products/maintenance

**Warranty**

Every Duro-design floor is guaranteed to perform for a full five (5) years and withstand normal wear and tear provided two coats of MP765 is applied 1) yearly for high-volume traffic retail; 2) every two to three years for low-to-medium commercial traffic; or 3) every five to seven years for residential traffic. A well maintained floor will last for decades.
Cork Flooring

duro design
Cork, Bamboo, Eucalyptus, FSC Hardwood Flooring

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