

G E R B E R T L I M I T E D



VERTE CORK FLOATING FLOOR

VERTE CLASSICO

VERTE NATURAL

VERTE NUEVO

SPECIFICATIONS TECHNICAL MANUAL

Installation ~ Maintenance ~ Warranty

2008

GREEN CONSIDERATION:

Cork is a readily renewable resource that qualifies for Leadership in Energy and Environmental Development credit and contributes to improve air quality.

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GENERAL:

A floating floor is supported by a structural slab but is not in direct contact with the slab. The floating floor acts as a protective covering for the slab. Impact sound due to noise or vibration will be reduced considerably by using a floating floor system.

PRODUCT PRESENTATION:

Floating floors are not qualified according to European Norm. All information is based on technical and practical knowledge.

Verte Floating floor planks are manufactured in Portugal.

Verte Cork Floating Floor Planks are supplied as a tongue and groove interlocking system, using the patented "UNICLIC" system.

Verte Cork Floating Floor Planks consist of the following components:

1. Cork Underlayment (composition cork providing acoustic insulation)
2. Stabilizing Core (HDF or MDF with milled edges to allow the interlocking of panels)
3. Cork Core (High density composition cork to provide additional impact absorption)
4. Cork Decorative Top layer (Decorative cork veneer)
5. Wear Surface (UV hardened varnish, oil or sealer)

Cork is a natural product, derived from the bark of the cork oak tree. Shade variation will occur within the same production.

Cork will fade when exposed to direct sunlight.

Material should be delivered to the job site in its original cartons. Inspect material for any defects prior to beginning the installation. Check order to be of design, color, and finish, as ordered.

JOB SITE CONDITIONS:

The building must be closed in with all outside doors and windows in-place. Permanent air-conditioning and heating systems must be in place and operational. The temperature in the area receiving cork floating floor panels must be maintained at 65–72 degrees F, and relative humidity must be maintained at 50–60%.

Verte cork floating floor panels in their original cartons must be acclimatized in the installation area for 48 hrs prior to installing.

Do not install cork floating floor panels in humid and/or wet areas.

SUB-FLOOR CONDITIONS:

Verte Cork Floating Floors can be installed over concrete, on or above grade or directly over most previously installed floors. Concrete must be sound, smooth and level with a maximum variation of 1/8" in 8 feet. For concrete sub floors the use of a 6mil polyethylene sheet is required as a vapor barrier. Sheet must cover the entire floor area. Overlap and tape seams at 8" and extend sheeting 2" up the wall or perimeter of the room. Test concrete substrate for moisture. Moisture emission may not exceed 3lbs/1000 sf within 24 hours.

Wood sub floors must be smooth, level and structurally sound.

In order to improve the sound insulation the manufacturer recommends the use of 3.0mm cork underlayment loose laid over the polyethylene sheeting. Install cork underlayment in the opposite direction of the plastic sheeting.

INSTALLATION:

Plan the installation. Measure the room/space in which the floor is to be installed.

Normally the last row of panels has to be cut lengthwise to adjust the panels to the remaining space. If the last row turns out to be very narrow, the first row should be cut to match the size of the last row.

Be sure to leave an expansion gap of 8-10mm between the panels and the walls and around columns and fixtures. Use wooden wedges.

Remove existing wall base or floor trim. Trim door jambs at floor level

If the wall is not straight, use a fitting guide. The first three rows should be laid with the use of a fitting guide.

Begin fitting the panels from the left to the right, so that the "female" ridge of the first panel faces the wall. Place wedges between the wall and the panels.

Fit the "female" side of one panel onto the "male" edge of the preceding panel by using a rubber mallet and a tapping block. Do not hammer directly on the side of the plank.

To make the fit for the last panel in the row use a pull bar. Again insert wedges between panel and wall on the left-hand side.

Begin the following rows with the last panel of the previous row (plank length should be at least 12"). Fit the panel lengthwise and hammer gently with a mallet and wood on the "female" side. The last row is attached to the preceding row with the aid of a pull bar.

After the installation of the last panel, remove wedges and install wall base, which should cover the expansion space.

MAINTENANCE:

In order to minimize damage to the floor the application of 2 coats of polyurethane for residential use and 3 coats of polyurethane for commercial use is recommended.

GENERAL GUIDELINES:

Cork is the softest resilient flooring available.

Floor may suffer visible damage due to the extreme force exerted by wearing stiletto and/or high heels. Shoe heel damage is intensified by worn heels and protruding nails.

Protect your floor by placing walk-off mats at all exterior entrances.

Furniture legs of less than 1" must be fitted with floor protector pads or glides.

Place protector mats under castor chairs.

Cork contains organic pigments and will fade if exposed to direct sunlight.

Maintenance Hard Oil-Wax Finish Maintenance – Polyurethane Finish

Do not use wax, oil soap, dusting sprays or other household cleaners on factory-finished cork floating floor planks

1. Vacuum floor from all surface debris, sand and grit
2. Dust mop floor thoroughly using a clean dust mop
3. Polish floor, using a floor polisher fitted with a lambs wool pad or felt pad
4. Wipe spills immediately with a soft dry cloth
5. To remove scratches and restore luster, spray Taski's P-44 and buff floor with a rotary buffing machine (150-300rpm max) fitted with a mint pad. Change pad frequently.

SECTION 09650 CORK FLOORING

Architectural Specification — Cork Floating Floor

Part 1 - General

Summary:

This section includes a “click-in” tongue and groove cork floating floor system.

Submittals:

Submit printed product data, test reports and installation instructions

Samples shall be submitted in compliance with the requirements of the Contract Documents.

Part 2 - Products

Manufacturer:

Cork Floating Floor Planks, distributed by GERBERT Limited are manufactured in Portugal according to requirements certified by the ECO Umweltinstitut and certified by the Deutsche Kork-Verband.

Distributor:

Gerbert Limited
H9 South Tree Drive
Lancaster, PA 17603
Phone: 800-828-9461
Fax: 717 394 1937
e-mail: gerbertinforgerbert ltd.com

Gerbert Verte Cork Floating Floor Planks:

The planks shall consist of three layers: a surface layer of cork, an interlocking layer of high density fiberboard (HDF) tongue and grooved, and a bottom layer of composition cork.

Color and finish shall be as specified.

- 1 Verte Natural
Plank dimension: 11.81” x35.43” x 4.33” (300x900x11mm) 7 planks per carton
- 2 Verte Nnevo
Plank dimension: 11.81” x35.82”x 4.13” (300x910 x 10.5mm) 6 planks per carton
- 3 Verte Classico
Plank dimension: 11.81” x35.43”x4.33” (300x900x11mm) 6 planks per carton
Product Handling:
Deliver material in manufacturer’s unopened containers with identification labels intact.
Cork floating floor planks should be stored flat in the unopened cartons.
Temperature and humidity at the installation site must be set and maintained as per recommendation (see technical manual).

Product — Properties

A	Density:	Wear layer	>45flkg/m ³	
		Middle layer	>800kg/m ³	
		Bottom layer	>180kg/m ³	
B	Fire Resistance — DIN-41-2 classified under B2			
		Cork is a natural fire retardant and does not spread flames. No release of toxic gases.		
C	Wear Resistance			
	EN — 660-1 — pre-finished			
	(Taber CS 17 / 1000g / 100 cycles) loss weight 3.6 mg			
D	Impact Insulation Class IIC - ASTM E492-90/ASTM E989-89			
	(Prefinished over 6” concrete slab w/acoustical ceiling)			52dB
	Sound Transmission Class STC — ASTM E90-97/ASTM413-87			
	(Prefinished over 6: concrete slab w/acoustical ceiling)			58dB

GREEN CONSIDERATION:

Cork is a readily renewable resource that qualifies for LEadership in Energy and Environmental Development credit and contributes to improved indoor air quality.

Natural cork products can assist architects and designers in obtaining up to 3 points toward LEED certification.

WARRANTY

Gerbert Limited is a corporation duly organized and validly existing under the laws of the Commonwealth of Pennsylvania.

Gerbert Limited warrants to the original commercial or industrial customer that this product is sold free from manufacturing defects.

This warranty does not cover defects, which develop after sale as a result of customer's failure to install, use or maintain the product in accordance with Gerbert's recommended procedure and standards.

THIS IS THE SOLE AND EXCLUSIVE WARRANTY PROVIDED AND NO OTHER WARRANTY, EITHER EXPRESS OR IMPLIED, OR ANY KIND INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.