



Sequoia

PVC-FREE PLANK



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Earth friendly, easy to maintain and beautiful. That's the nature of Sequoia.

CERES™ Sequoia plank flooring is a perfect fit in schools, hospitals, restaurants, retail environments and other high-traffic commercial areas. Sequoia planks combine PVC-free technology with an advanced ionomer wear layer that resists dirt, scratches, scuffs and chemical stains, even without waxing. It is dimensionally stable and has a time-proven

installation system. The result is a highly durable, environmentally responsible flooring option that impresses architects, pleases designers, meets the demands of facility managers and holds up to heavy wear from end users. Beautifully.

Whatever color you choose, it's green.

We went to great lengths to ensure Sequoia meets the demands of the most fervent green-inspired designer. Sequoia contributes to both Materials and Resources and Indoor Environmental Quality LEED® Credits established by the U.S. Green Building Council. Mineral-based, PVC-free and chlorine-free, it contains 38% pre-consumer recycled content. Sequoia plank and its adhesive both achieve low VOCs. And thanks to its true no-wax wear surface, maintenance is minimal – there's no stripping required, which means fewer VOCs are released and less of our natural resources are consumed. What's more, Sequoia can be thermally recycled without releasing harmful dioxins. Of course, given its unique durability, it won't have to be replaced for many years.





Performance that will floor you.

With its finely detailed woodgrain appearance, Sequoia looks natural as can be. But take a closer look and you'll see it has advantages even over Mother Nature. Sequoia is engineered to be dimensionally stable, resulting in a secure and safe installation. It holds its shape, wear surface and integrity without the buckling or unevenness caused by "growing" that makes some other flooring options less desirable. And low-luster Sequoia will stay looking great, too. Contractors and facility managers will especially appreciate the way it stands up to heat and cold, spills and heavy foot traffic without wax, although it can be waxed when a high gloss is preferred. Another benefit is its straightforward installation. Sequoia can be installed using proven one-part adhesive systems, which are simpler up front and more dependable in the long run.

High marks for low maintenance.

One advantage of this highly durable, no-wax surface is obvious: minimal care means low lifecycle cost. Less obvious, perhaps, is the fact that low maintenance reduces chemical, water and energy consumption, preserving natural resources – and what's good for the planet is good for all of us.





1121 Scandinavian Maple



1122 Canadian Maple



1141 Pickled Oak



1142 Golden Oak



1143 Classic Oak



1171 Antique Cherry

The product colors you see are as accurate as current photography and printing techniques allow. We recommend viewing actual product samples before final color selection. CERES products are covered by a 10-year limited warranty.



American Cherry



1161 Royal Quince



1181 Honduran Mahogany



1101 French Walnut



1191 Rosewood



1131 Smoked Ash

Recommended Product Applications

The following CERES application chart is provided to aid in understanding where CERES PVC-Free Flooring products are recommended for use. This application chart is a subjective recommendation and is predicated upon the adherence to proper installation techniques; specific location of installation; level of foot traffic; and the type and professional level of maintenance practiced on-site.

	WELS Sheet	Sequoia	C2 Cork	Recycled Rubber		WELS Sheet	Sequoia	C2 Cork	Recycled Rubber		WELS Sheet	Sequoia	C2 Cork	Recycled Rubber
Healthcare					Education					Hospitality				
Cafeterias	★	●			Auditorium					Conference Rooms	●	★	★	
Corridors	★	●	●		Cafeterias	★	●	●		Corridors	●	●	●	
Dialysis	★				Classrooms	★	●	★		Dance Floor		●		
Elevators					Computer Rooms		●	★		Dining Areas	●	●	●	
Emergency Department	★				Corridors	★	●	●		Elevators				●
Exam/Prep Room	★	●			Dormitories	●	●	★		Exercise Rooms				★
Hydrotherapy Room					Entryways					Guest Bathrooms	★	●		
Intensive Care	★				Food Service Area					Guest Rooms	●	★	★	
Laboratories	★				Gymnasium				●	Lobbies	●	●		
Lobbies	●	●			Laboratories	★			●	Lounges	●	●	●	●
Neonatal Intensive Care	★				Lavatories	●				Stairways/Landings				
Nurses Station	★	★	●	●	Libraries	●	●	★		Vending Areas				
Offices	★	★	●		Locker Rooms				★	Office				
Operating Room					Multipurpose			●	●	Computer Rooms		●	★	
Patient Room	★	★			Offices	●	●	★		Conference Rooms	●	★	★	
Pharmacy	★	●	●		Ramps (indoor)				●	Corridors	●	●	●	
Physical Therapy Room	●		●	●	Ramps (outdoor)					Dining Areas	●	●	●	
Ramps (indoor/outdoor)				●	Showers					Elevators				
Stairways/Landings (indoor/outdoor)					Stairways/Landings					Lavatories	●			
Staff Lounge	★	★	●		Teachers Lounge	★	★	★		Lobbies	●	●		
Storage/Utility Room	●				Utility/Storage Area	●	●		●	Offices	●	●	★	
Waiting Room	★	●	●		Institutional					Stairways/Landings				
Retail					Churches	●	●	★	●	Storage Rooms	●	●	●	●
Drug Store	●	●			Courthouses	●	●	★	●					
Indoor Mall Common Areas					Funeral Houses	●	●	★						
Sales Floor – Dept Store	●	●	●	●	Libraries	●	●	★						
Sales Floor – Mass Merchandiser				●	Museums	●	●	●	●					
Specialty Shops	●	●	●	●	Prisons	●	●		●					

★ Highly Recommended
● Recommended

USGBC-LEED® Credits

(✓) Based on the 2009 LEED rating system and the overall scope of your project Sequoia may contribute to your LEED scorecard.

Materials & Resources					Indoor Environmental Quality			
Product	Pre-consumer Recycled Content %	Post-consumer Recycled Content %	MR Credit 4: Recycled Content %	MR Credit 1.2: Building Reuse	MR Credit 2: Construction Waste Management	IEQ Credit 4.1: Low Emitting Materials – Adhesives	IEQ Credit 4.3: Low Emitting Materials – Flooring Systems	MAS Certified Green – California Section 01350 Compliant
Sequoia PVC-Free Planks	38%	0%	19%	✓	✓	✓	✓	✓

Resistance to Staining & Chemicals per ASTM F925

The chart below shows results of 1-hour and 24-hour length of exposure to common chemicals and substances.

Chemicals	1 Hour	24 Hours
Acetic Acid – 28%	0	0
Hydrochloric Acid – 38%	0	1
Ammonium Hydroxide – 10%	0	1
Ammonium Hydroxide – 30%	0	3
Potassium Hydroxide – 15%	0	1
Sodium Hydroxide – 15%	0	0
Sodium Hydroxide – 50%	0	0
Sulfuric Acid – 40%	0	0
Sulfuric Acid – 10%	0	0

Hospital Stains & Chemicals	1 Hour	24 Hours
Aniline Blue – 2.5	0	0
Basic Fuchsin	0	2
Carbol Fuchsin	0	3
Dialysis Solution	0	0
Eosin – 1%	0	1
Giesma Blood Stain	0	1
Hema 3 Solution	0	1
Hematoxylin – 5%	0	1
Hydrogen Peroxide – 30%	0	0
Iodine Tincture	0	3
Methylene Blue	0	1
Potassium Permanganate – .5%	0	3
Provine-Iodine	0	1
Rhondamine B. Base	0	0
Urea Solution	0	0
Wright's Blood Stain	0	2

Solvents	1 Hour	24 Hours
Ethyl (Denatured) Alcohol	0	0
Formaldehyde – 37%	0	0
Isopropyl Alcohol	0	1
Mineral Spirits	0	3
Turpentine	0	0

Miscellaneous Stains & Chemicals	1 Hour	24 Hours
Betadine Skin Cleanser	0	0
Hand Sanitizer (Alcohol Based)	0	0
Phenolic Disinfectant Cleaner	0	1
Quaternary Disinfectant Cleaner	0	0
Bleach	0	0

Changes 0: None 1: Slight 2: Moderate 3: Severe

Sequoia passes ASTM Test Method F925, Resistance to Chemicals. F925 calls for exposure to chemicals for one hour. The chart above shows results for the required 1-hour and an even more severe testing protocol over a 24-hour period. Sequoia is tested without any applied sealers or floor finishes and is cleaned with a cotton cloth after exposure. For the most accurate results, CBC (AMERICA) recommends using the customer's chemicals on actual product samples that have been treated with the maintenance products to be used on the finished floor. Sequoia material for testing is readily available from CBC (AMERICA).

Sequoia: Another word for having it all.

Straightforward installation, dimensional stability, durability and low maintenance, all in a beautiful, eco-friendly flooring option. That's CERES Sequoia – your natural choice for high-traffic installations that call for the beauty of wood.

Product Characteristics

Standard Spec*	ASTM F1700
Classification	Type III
Backing Class	Class B
Dimensions	4" Wide x 36" Long (102 mm x 914 mm)
Overall Thickness	2 mm
Packaging	30 SF Per Carton

Fire

ASTM E648 Critical Radiant Flux	Class 1
ASTM E662 Smoke Generation	<200 Flaming & Non-flaming

Test Performance

ASTM F1700 Standard Specification for Solid Vinyl Floor Tile	Meets or Exceeds Requirements
ASTM C1028 Static Coefficient of Friction	≥ 0.6 ADA Compliant
ASTM F970 (Modified) Static Load Limit	3000 PSI
ASTM F925 (Modified) Chemical Resistance	Passes
ASTM F2199 Dimensional Stability	Exceeds Requirements
ASTM D3844 Abrasion Resistance	0.10 g H18 wheels, 1 kg load, 1000 cycles
AATCC 134 Electrostatic Propensity	< 2.0 kV
CA 1350 VOC Emissions	Exceeds Requirements

ISO 14001
Environmental
Commitment

Certified by QMS

ISO 9001
Quality
Assurance

Certified by QMS



CBC (AMERICA) Corp. is a proud supporter of NEXUS Green Building Resource Center, a project of The Green Roundtable, a U.S. Green Building Council Affiliate.

* CERES Sequoia is a technically advanced PVC-free plank flooring. At this time there is no ASTM classification for this polyolefin floor covering. For testing purposes only, we have chosen to use ASTM F1700 as the standard specification.



CBC (AMERICA) is committed to advance sustainability by marketing the finest flooring products from around the globe. Our EcoVision Policy supports environmental responsibility for the world we all share. We strive to reduce waste, limit the consumption of natural resources and preserve Earth's environment for future generations.

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CBC (AMERICA) Corp.



Recycled paper, contains post-consumer fiber.
Acid-free recycled material. Printed with organic-based inks.