

## DESCRIPTION AND USES

### Concrete Concrete Flooring:

Enjoy the contemporary look and durability of real concrete floors without the challenges of pouring and finishing a slab.

Concrete flooring planks, just ½-inch thick, have tongue and groove edges and ends to simplify installation and micro-beveled edges for ease of cleaning and visual appeal. Planks install quickly and cleanly with adhesives.

### Concrete Wood Flooring:

Wood flooring planks have real wood veneer applied to the same concrete base material used for our concrete flooring. This eliminates the swelling and shrinking associated with solid wood flooring.

### Use Concrete and Wood Together:

Concreate's concrete and wood flooring planks can be used together; they have the same thickness, tongue and groove edges, and installation methods.



## PHYSICAL ATTRIBUTES

### STANDARD COLORS AND WOOD VENEER



**CF101**  
Natural Grey  
Concrete



**CF102**  
Dark Grey  
Concrete



**CF103**  
Mineral White  
Concrete



**CFW01**  
Smoked White Oak  
Wood Veneer

### SIZE, AREA, AND MASS

**Thickness:** 14 mm (½ inch)

#### Concrete Planks:

- Size: 1200 x 300 mm (47-¼ x 11-¾ inch)
- Area: 0.36 m<sup>2</sup> (3.88 sq.ft.)
- Mass: 18.06 kg/m<sup>2</sup> (3.70 lb./sq.ft.)

#### Wood Planks:

- Size: 1900 x 150 mm (74-¾ x 5-7/8 inch)
- Area: 0.29 m<sup>2</sup> (3.07 sq.ft.)
- Mass: 13.04 kg/m<sup>2</sup> (2.67 lb./sq.ft.)



concreate®  
 IS A  
**LOW  
 VOC**  
 PRODUCT

## COMPOSITION

**Base Layer:** The 10 mm (3/8-inch) thick base layer is a specially formulated hydraulic cement mixed with recycled fibers. This cement requires only half the energy used to produce portland cement, reducing the CO<sub>2</sub> emissions required to manufacture Concreate.

**Top Layer - Concrete Floor:** 4 mm (1/8-inch) thick proprietary blend of portland cement, select fine aggregate, admixtures, recycled fibers, and fade-resistant pigments.

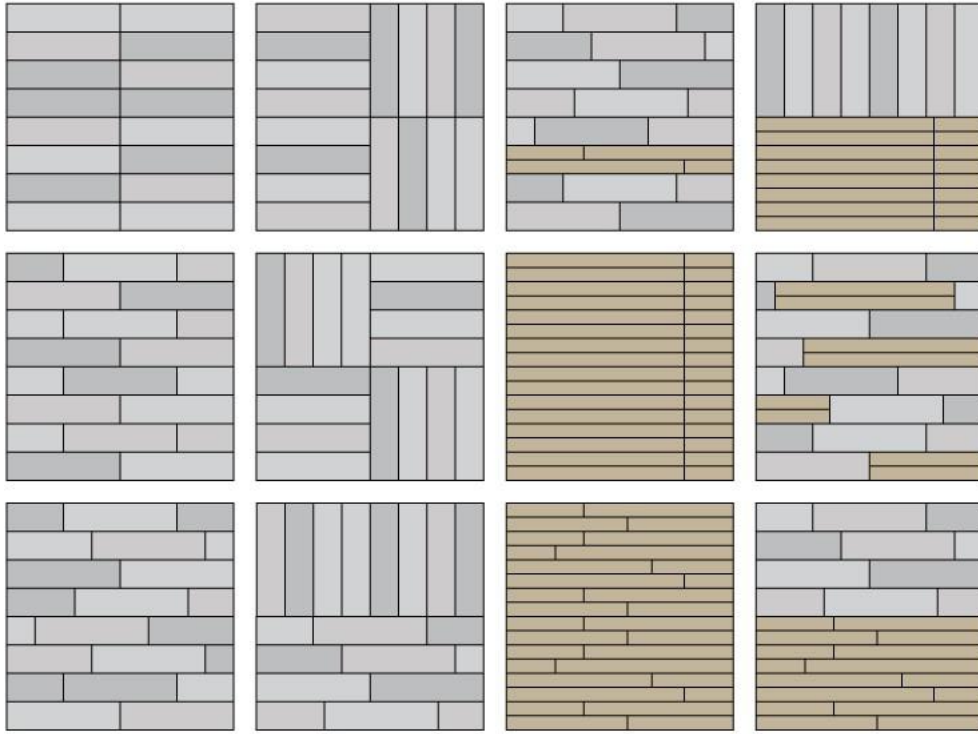
**Top Layer - Wood Floor:** 4 mm (1/8-inch) thick, flat-sawn, white oak comparable in appearance to No.2 Common grade. The veneer is FSC Certified as 100% from well-managed forests. Contact Concreate for availability of other species.

**Oil Finish:** Our floors are finished with three coats of high solids, natural oils to increase the luster, durability, and stain.

## TESTING DATA

ATTRIBUTE	PROTOCOL	PERFORMANCE	COMMENT	C = CONC. W = WOOD
<b>VISUAL</b>				
Colorfastness	ISO 105-B02	Grade 3-4		C
Response to Water	ASTM C1185	<ul style="list-style-type: none"> <li>• 20.6% Water Absorption</li> <li>• 0.05% Moisture Movement</li> </ul>		C
Chemical Resistance	EN 423	Class 0 - No Affect <ul style="list-style-type: none"> <li>• White vinegar</li> <li>• Isopropyl alcohol</li> <li>• Mineral oil</li> <li>• NaOH (5%)</li> <li>• Bleach (5.25% NaOCl)</li> <li>• Olive Oil</li> <li>• Red &amp; white wine</li> <li>• Coffee &amp; tea</li> </ul>	Class 1- Very Slight <ul style="list-style-type: none"> <li>• Hydrochloric acid (5% HCl)</li> <li>• Sulfuric acid (5% H<sub>2</sub>SO<sub>4</sub>)</li> </ul>	C
<b>SAFETY</b>				
Ignitability	EN ISO 9239-1 EN ISO 11925-02	Class Bfl-s1		C
Slip Resistance	DIN 51130	<ul style="list-style-type: none"> <li>• Mean overall acceptance angle (to horizontal) = 12.5°</li> <li>• Slip resistance assessment group = R1</li> </ul>		C
	ANSI A137.1	Wet dynamic coefficient of friction (DCOF) = 0.31 average		C
	EN 13983	α = 0.42		C
	Pendulum Test Value (PTV), Method AS 4663	<ul style="list-style-type: none"> <li>• 45 PTV before abrasion</li> <li>• 50 PTV after 500 abrasion cycles</li> </ul>	Sustainable Slip Resistance after wear.	C
<b>ENVIRONMENTAL</b>				
Volatile Organic Compound (VOC)	Green Leaf	Certified		C, W
	CDPH Method V1.1	Compliant for schools and offices.	CA Spec, 01350	C
Formaldehyde	EN 717-1	ND (Not Detectable)		C, W
Impact Sound	EN ISO 717-2	Impact Sound Improvement Index: ΔL <sub>w</sub> = 14 dB		C

## DESIGN GUIDE AND FEATURES



**Above:** Concreate's concrete and wood flooring planks may be used together; they have the same thickness, tongue and groove edges, and installation methods.

**Left:** Concreate invites designers to be creative in layouts of flooring planks. These suggestions are simply a starting point!

WOOD  
 CONCRETE

## SUSTAINABILITY

### Flooring:

Our products have been independently tested for conformance with environmental requirements for VOC and formaldehyde emissions; asbestos, lead, and cadmium content

Our concrete flooring is Green Leaf certified for low VOC emissions. Our wood flooring is FSC 100% certified from well-managed forests.

### Adhesive:

Concreate Flooring Adhesive is a one-component, silyl-modified polymer. It contains recycled rubber granules that increase strength, elasticity, and noise and vibration dampening. It complies with EN 14293 - Adhesives for Bonding Parquet to Subfloor and its VOC content is 64 g/l in accordance with EPA Method 24.

## LIMITED WARRANTY

Concreate provides a 35-year warranty for single-family, owner-occupied homes and condominiums; and a 5-year warranty on other projects. Visit [www.Concreate.net](http://www.Concreate.net) for more detailed warranty information.

## CONTACT INFORMATION

### Concreate Headquarters:

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DEALER IMPRINT AND SUBMITTAL STAMPS