



SOLAR STONE CORE PLANK

Kennedy
FLOORINGS



Introducing Solar by Shamrock Surfaces.

Solar is built on a robust 5.0mm Stone Core with a sound absorbing attached pad for added comfort. Featuring beautiful oak imaging with visual enhancing characteristics such as the embossed in register and micro bevel edge, made durable with the Stone Core foundation and 20mil wear layer. Solar is an excellent option for your commercial or residential space.

 ***Shamrock Surfaces***

In photo: Calistoga Oak, Solar Stone Core Plank

COMPOSITION

Substrate: Stone Core with a Unilin 2G locking system and an attached IXPE [10x] underpad.

Surface: High definition film imaging direct to the substrate followed by a commercial grade 20mil wearlayer with an Embossed in Register finish and an Aluminum Oxide overlay for superior protection and durability.

SURFACE

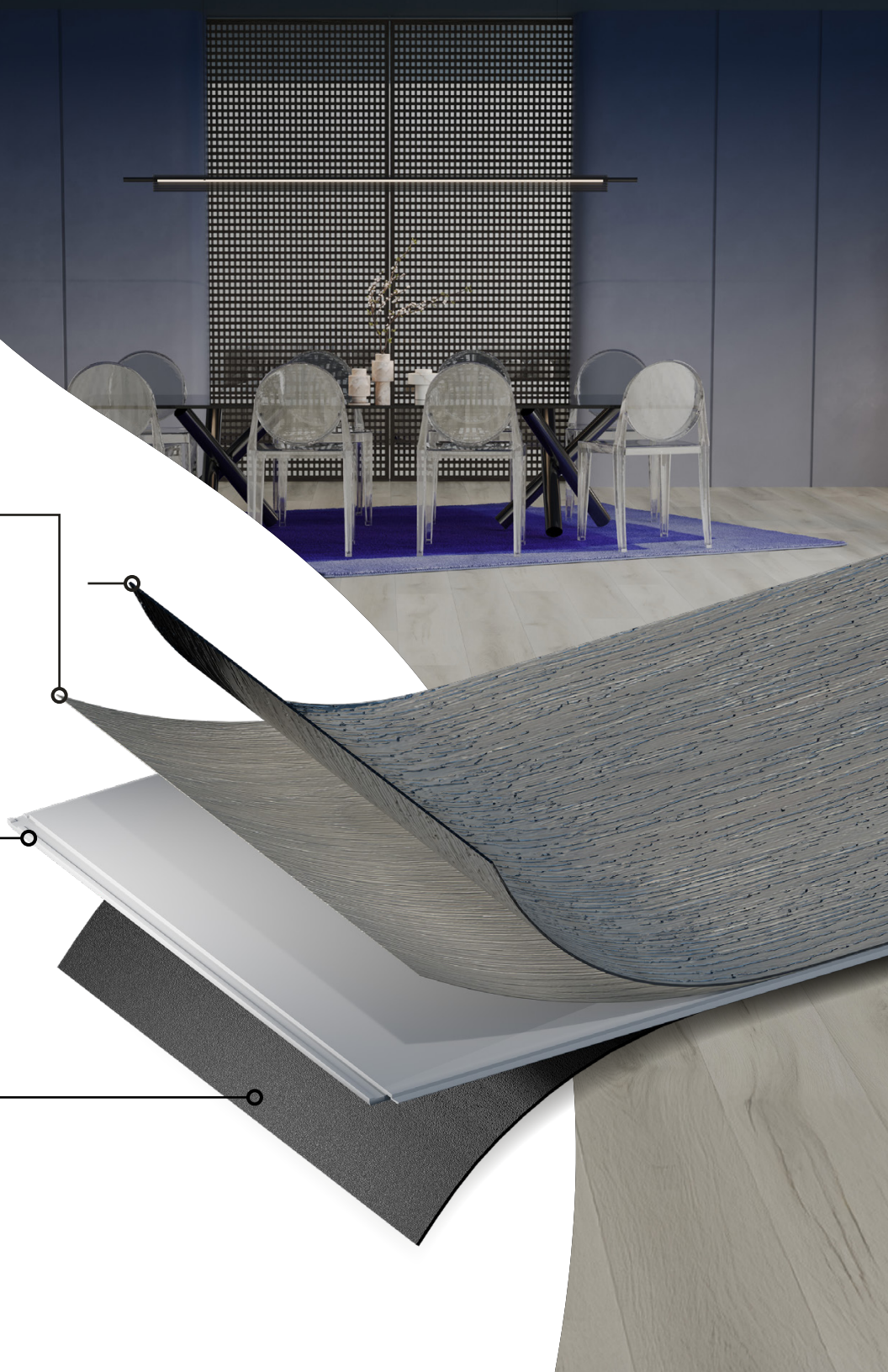
- Commercial grade 20mil wear layer
- Aluminum Oxide overlay
- Superior stain & fade resistance
- Antimicrobial & easy to clean
- Embossed in Register
- Micro bevel edge
- Durable & resilient

STONE CORE

- 100% waterproof
- Robust 2G angle-tap-click locking system
- Glueless installation
- Dimensionally stable

UNDERPAD

- Attached underpad
- IXPE [10x]
- High density
- High compression strength
- Superior sound-dampening qualities
- Excellent moisture barrier



Available in eight distinct styles to
launch your vision into orbit

CALISTOGA OAK

STC.SHS.SOLA-0748/CALOAK
UPC: 99001110441



CHANDON OAK

STC.SHS.SOLA-0748/CHAOAK
UPC: 99001110442



DAYTONA OAK

STC.SHS.SOLA-0748/DAYOAK
UPC: 99001110443



MERCED OAK

STC.SHS.SOLA-0748/MEROAK
UPC: 99001110444



PETALUMA OAK

STC.SHS.SOLA-0748/PETOAK
UPC: 99001110445



TULARE OAK

STC.SHS.SOLA-0748/TULOAK
UPC: 99001110446



VERMONT OAK

STC.SHS.SOLA-0748/VEROAK
UPC: 99001110447



VISALIA OAK

STC.SHS.SOLA-0748/VISOAK
UPC: 99001110448





In photo: Petaluma Oak, Solar Stone Core Plank

SPECIFICATIONS

Plank Dimensions	7.25" x 48" (184MM x 1,220MM)
Thickness	5.0MM Stone Core + 1.0mm IXPE [10x] Attached Pad
Wear Layer	20MIL (0.5MM) Aluminum Oxide Coated
Edge	Micro Bevel
Surface Finish	Embossed in Register
Installation	Floating Unilin 2G Click
Residential Warranty	Exclusive 25 Years
Commercial Warranty	Exclusive 10 Years

PACKAGING

Box	10 Planks	24.16 SQFT	2.245 SQM
Pallet	45 Boxes	1,087.33 SQFT	101.016 SQM
Container	21 Pallets	22,833.87 SQFT	2,121.34 SQM

PERFORMANCE

Reaction to fire	EN 13501-1:2010 (fire classification) DIN EN ISO 9239-1 (critical heat flow) DIN EN ISO 11925-2 (specimen ignition)	Bfl-s1 11.88 kW/m² No
Slip Resistance	EN 13893:2003	Class DS ($\mu=0.49$)
Static Coefficient	ASTM D 2047-2017	Dry Condition: 0.69 Wet Condition: 0.62
Phthalate Content	CPSC-CH-C1001-09.4	Not Detected
Dimensional Stability	ASTM F2199-09	Length: -0.01% Width: -0.02%
Impact Insulation Class (IIC)	ASTM E492-09 & ASTM E989-06	66 dB
Sound Transmission Class (STC)	ASTM E90-09 & ASTM E413-16	69 dB

In photo: Chandon Oak,
Solar Stone Core Plank

The features of Solar Stone Core

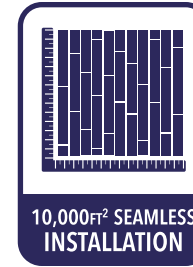
Stone Core is the foundation of Solar, offering a robust base that imbues Solar with a combination of unique features and characteristics often unparalleled in other flooring categories.



Solar is 100% waterproof, making it the perfect flooring option for any environment prone to moisture issues. It will not be affected by water, ensuring long-lasting durability and performance.



Solar boasts incredible core strength thanks to its proprietary stone composition and advanced manufacturing techniques. This results in a floor that has exceptional dimensional stability, allowing for installation in the most demanding environments.



Solar's proprietary core resists dimensional changes, enabling 100' x 100' installations without the need for transitions. Additionally, Solar is approved for use with in-floor radiant heating systems.



Solar is capable of withstanding extreme interior environmental conditions, being able to handle temperature fluctuations from -40°C to +40°C.



Solar is designed for durability and wearability. Simply Stone features a robust locking system and a commercial-grade wear layer, all built on a stone core that is as tough as rock.



Featuring a commercial-grade, aluminum oxide coated, 20mil wear layer, Solar can withstand everyday wear and tear in virtually any interior setting for many years to come. Solar's beauty endures even the harshest environments, thanks to its tough resistance to UV fading, staining, and wear.



Solar's 2G floating angle-tap-click locking system by Unilin, ensures an easy but robust installation. Achieving a high-quality fit and finish for every renovation and new construction project is attainable with Solar.



Embedded in Solar's durable wear layer is an Embossed in Register (EIR) surface finish. The EIR finish naturally follows and mimics the surface texture of the wood imaging, achieving a visual effect that is both beautiful and functional with added slip resistance.



Solar features a Micro Bevel edge treatment, which is less prone to chipping and wear compared to other edge treatments. The Micro Bevel edge also provides a seamless and continuous surface that is easy to clean.



**100% VIRGIN
MATERIALS**

Solar is produced using 100% virgin materials, avoiding the use of adulterants and fillers. No recycled materials are used in manufacturing, ensuring a uniform composition and consistent quality, resulting in a superior but healthy floor.



**LOW
MAINTENANCE**

Solar is virtually maintenance-free, requiring only occasional cleaning. Sit back and enjoy the beauty of your Solar Stone Core flooring.



EASY CLEAN

A quick sweep or mop will effortlessly refresh your floor, making Solar one of the easiest floors to clean. Its embossed low-gloss finish effectively hides dust and dirt, preventing unsightly reflections.



**COMFORT
CUSHION**

Solar is manufactured with comfort in mind. Its Stone Core features an attached 1.0mm IXPE [10x] underpad, providing superior sound isolation and enhanced comfort.



**EXACT MATCH
MOLDINGS**

No flooring project is complete without moldings and trims. Solar offers exact matching T-molding, reducers, and stair nosing. exacTrims matching moldings provide a perfect match for a seamless finish.



ANTIMICROBIAL

Solar's surface treatment is carefully formulated to offer extended protection against a broad spectrum of microorganisms.



**25 YR RESIDENTIAL
10 YR COMMERCIAL**

Solar is backed by an exclusive Silver warranty, offering 25 years of coverage for residential applications and 10 years for commercial settings. Rest easy knowing your new Solar flooring is secure.



**CERTIFIED BY
SCS Global Services**

FloorScore certified to meet indoor air quality standards, Solar is rigorously tested to be free of 35 types of volatile organic compounds, including formaldehyde. It qualifies for many green building schemes such as LEED v4, WELL, BREEAM, and CHPS.



**INSTALLATION
GUIDE**

Scan to access our full installation guide for Solar Stone Core flooring.

About Kennedy Floorings

Kennedy Floorings is family owned and operated and has been servicing Western Canada since 1856. We at Kennedy Floorings are leaders in providing Canada with the latest in floor covering fashions and technologies, pioneering many floor covering products and categories. We carry an array of commercial and residential floor covering products to meet all of our customer's needs.

Kennedy Floorings works domestically and internationally to hand select its products in order to bring the latest in floor covering design, fashion, and technology to the Canadian Market. We pride ourselves on maintaining the highest level of customer support and service while supplying healthy and reliable floor covering products for your home and office.

In photo: Tulare Oak, Solar Stone Core Plank



In photo: Daytona Oak, Solar Stone Core Plank



Kennedy FLOORINGS

Ph: (800) 665.7424 | Email: info@kennedyfloorings.com | Website: www.kennedyfloorings.com

Main Office: 151 Paramount Rd | Winnipeg, MB | R2X 2W6, Canada

In photo: Vermont Oak, Solar Stone Core Plank