

MainCore

Compact Waterproof Flooring

Spend a little to get palatial space!



New Generation

Compact Flooring Solution

NEW

PVC Free. Waterproof Fire-resistant

with CDF(compact density fiberboard) core



Extremely excellent performance for anywhere to go :

- >> 4inLook® concept for one-stop beauty
- >> SurfaceGuard® provides lifetime protection
- >> Pressed Bevel for real wood looking
- >> Large install without transition
- >> TapFit® 5G Click for easiest and fastest on-site job

Thanks to its slim but extra outstanding physical properties, MainCore creates endless possibility for new generation flooring design and development.



KITCHENS



BATHROOMS



LAUNDRY ROOMS



OFFICES



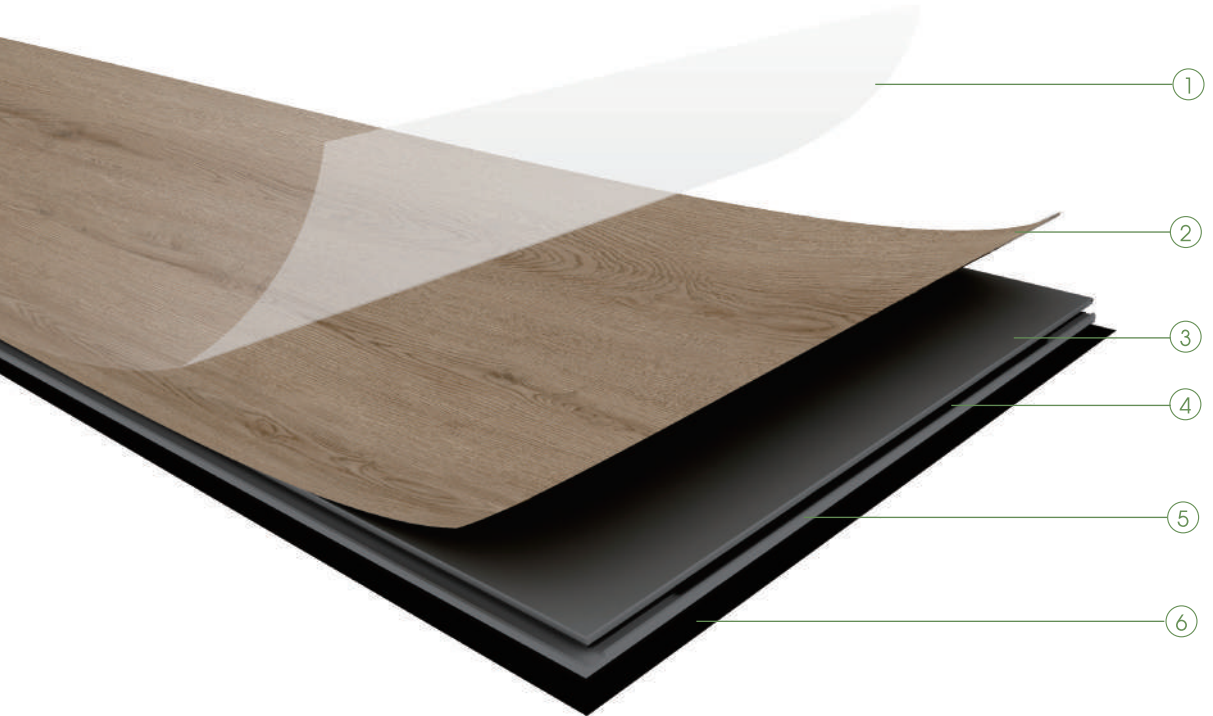
RESTAURANTS



SHOPS

What Makes MainCore?

MainCore is with a durable CDF core (Compact Density Fiberboard) made of specially treated wood fiber and surfaced with decorative paper impregnated in melamine resins. With a density of 1050kg/m³, Compact Fiberboard equips similar technical properties of well-known Compact Grade thick HPL, making it suitable for moisture and humidity environment or in applications requiring resistance in impact.



1 SurfaceGuard[®] technology for lifetime protection

Liquid overlay adds an extra resistance to wear, scratch and stain resistance than the industry-leading rigid coatings. SurfaceGuard adopts ultimate strong surfaces with the abrasion rating of AC3, AC4 and AC5.

2 Décor Paper

Distinctive design patterns with various colors and styles.

3 CDF Core

Black-colored CDF core with 5mm thickness, which is slim but with outstanding physical properties, moisture-proof, fire-resistant and extremely stable closing to inorganic mineral composite core.

4 TapFit[®] 5G Click system

TAPFIT locking system makes installation effortless. Just a tap on the end with no mess and no hassle.

5 Balance Paper

Providing balance on dimensional stability and moisture-resistant.

6 Underlayment

IXPE or Cork underlayment for sound insulation and soft underfoot feeling.



SLIP RESISTANT



WATERPROOF



STAINPROOF



DENTPROOF



STYLISH



SCRATCH-RESISTANT



FIRE-RESISTANT



SIMPLICLEAN



GEOHERMAL

Surface Design

4inLook® Concept

4inLook texture is our design concept of a whole package including distinctive patterns, colors, embossing, and notably the "gloss". It imparts a perfect natural glow to floors, and the high-tech finish with prismatic reflections is designed to sculpt and highlight your ground, leaving a luminous, well-defined finish with esthetic value.



Technical Features

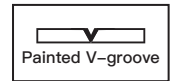


MainCore refers to super dimensional stability and moisture-proof core with SurfaceGuard technology. The unique structure makes it an ideal choice for both residential and commercial applications.

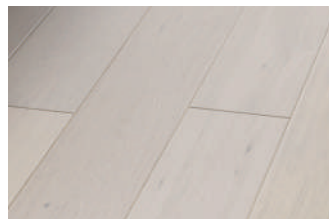
RoundEdge



Painted V-groove



Pressed Bevel



Watertight Click



Slimmer *than Laminate* Stronger *than Rigid core*



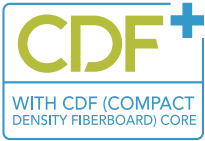
With a minimum 5mm thickness and up to 1520mm length, the slim body not only gives you a greater looking, but also cost saving, although its performance is much better than rigid core.



✉ info@seahawk-bm.com

📍 Kuigi 2nd Road, No.6, 10th floor Office 1040, Chancheng District, Foshan city, Guangdong Province, China

How does CDF (Compact Fiberboard) compared to HDF?



The high density of CDF allows it to be extremely robust and stable, ideally for heavy loading places. Compact fiberboard is more widely used in interior environment, both horizontal and vertical building structure where aesthetics and durability are highly requested.

Item	CDF	HDF
Density	$\geq 1000 \text{ kgs/m}^3$	800-850 kgs/m ³
Thickness Range	5-12mm	8-15mm
Water Swelling	<4%	<18%
Formaldehyde Emission	CARB P2	E1 / CARB P2
Reaction to Fire	Bs1-d0	Cfl-s1
Flatness	$\pm 0.2\text{mm}$	$\pm 0.5\text{mm}$
Internal Bond Strength	$> 3.0\text{N/mm}^2$	$> 1.0\text{N/mm}^2$
Flexural Strength	$> 6000\text{N/mm}^2$	$> 3500\text{N/mm}^2$



PVC-free

An eco-friendly PVC-free wooden ground solution with a waterproof feature. How much you love the environment, how much we care about you.



Waterproof performance














CDF is proud of its moisture-proof quality, a feature that makes it stand out from other wood-based panels. Furthermore, our watertight click system and high polymer waterproof sealer on whole edges make MainCore waterproof to resist any life spills and wet cleanings like steam mopping.



Install over 6,000ft²/600m² without transitions

MainCore is extra stable to heat, temperature variations, which makes it can be installed in large areas without transitions, 20M in width by 30M in length direction.

Certifications & Test Results

Description	Standard	Symbol	Requirements	Results
CE Certification	EN14041		Refer to Standard	Passes Requirements
EPA(Core)			Refer to Standard	Passes Requirements
VOC	FloorScore			Passes Requirements
Classification (Level of Use)	EN 16511 EN ISO 10874		Commercial – Heavy (Class 33)	Passes Requirements
Reaction to Fire	EN13501-1			Bs1-d0
	Ortho-phalates			Not Detected
	Lead/Metals	N/A		Not Detected
REACH	Benzene/Xylene	N/A		Not Detected
	Tributyltin	N/A		Not Detected
	PCP (pentachlorophenol)	N/A		Not Detected
Thickness Swell	NALFA LF01		Heavy Commercial ≤12%	Mean 3.6%
Dimensional Stability – humidity	ASTM F2199-09		≤0.35%	Passes Requirements
Dimensional Stability – temp	EN ISO 23999		≤0.30%	Passes Requirements
Resistance to Staining	ASTM F925			Passes Requirements
Castor Chair Resistance	EN 425 NALFA LF 01-2011 SECTION 3.9		After 25000 cycles	No disturbance to the surface; No delamination, cracks or visible damages
Locking Strength	EN 16511 ISO 24334		Long Side ≥ 1.0kN/m Short Side ≥ 1.5kN/m	Passes Requirements
Slip Resistance AMD Dry Condition AMD Wet Condition	ASTM D2394-2011 ASTM D2394-2011			Coefficient: .59 (Static); .42 (Slide) Coefficient: .59 (Static); .49 (Slide)