

LOGO

Real water resistant engineered Veneer flooring



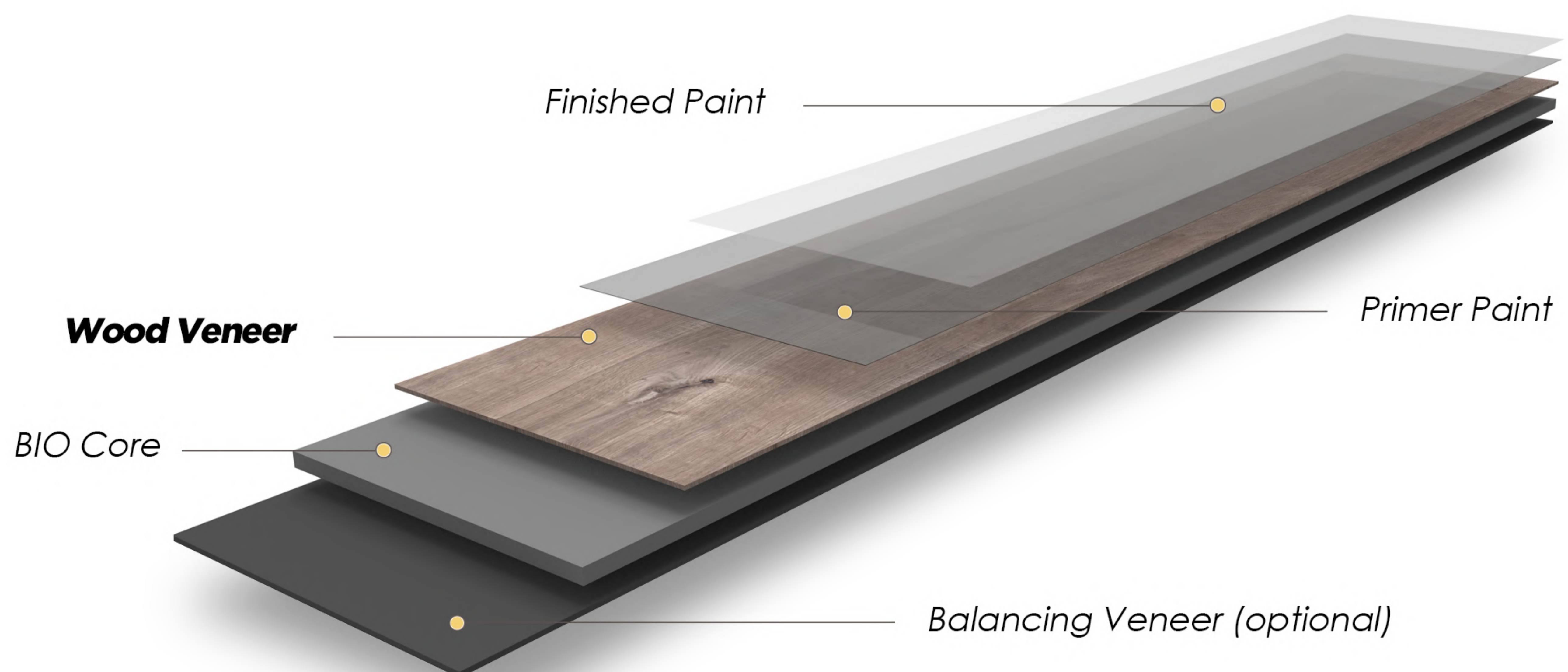
Real water resistant engineered Veneer flooring

BIO Composite Wood

Real water resistant engineered Veneer flooring



Structural Analysis



SENTAI BIO composite wood floor is the next generation of engineered veneer flooring. It combines the natural beauty and richness of real wood with a patented construction of BIO composite core.



TEXTURE

Sentai BIO Composite Wood flooring is manufactured greatly decreases our overall carbon emissions. This benefit to the environment offers real peace of mind for our customers.

Unique benefits of BIO Composite Wood

ADVANTAGE OF BIO COMPOSITE WOOD

WATERPROOF



WELL-VENTILATED



ANTI-SCRATCH



BEAR-FEET



SOFT



NO CRACKING



LIGHT DENSITY
LESS LABOR COST



EASY TO CLEAN



MOLD INHIBITORS



GOOD UV-PERFORMANCE 20 YEARS



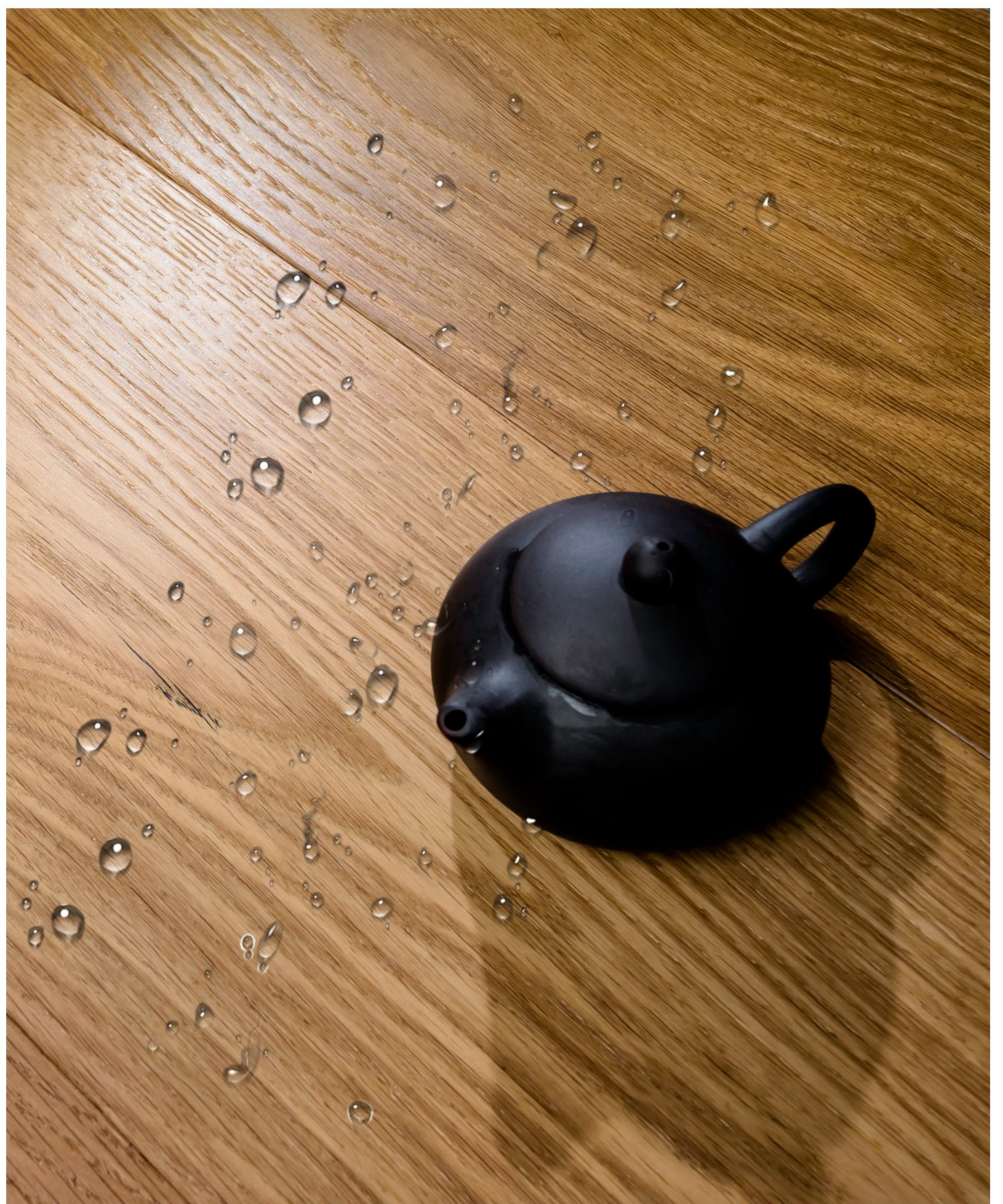


WATER-RESISTANT

100% WATERPROOF AND EXTREMELY STABLE WHEN EXPOSED TO GREAT TEMPERATURE VARIATIONS



WATERPROOF





NON REPEAT

REAL WOOD VENEER OFFER
NON-REPEAT AT ALL
EVERY SINGLE PIECE IS UNIQUE



NO REPEAT



FOOLPROOF

SUPER EASY TO INSTALL
DIY POSSIBLE



INSTALLATION





FSC POSSIBLE
BY NONPVC CORE





ANHUI SENTAI WPC TEC FLOORING CO., LTD.
 JIANSHE ROAD, ECONOMIC&TECHNOLOGY DEVELOPMENT PARK
 GUANGDE COUNTY, ANHUI PROVINCE, 242200, GUANGDE, CHINA

Bureau Veritas Certification Holding SAS certifies that the company has implemented a FSC™ product groups control system according to the Forest Stewardship Council™ certification system, in the following location and complies with the requirements of: Standard

FSC Chain of Custody Certification standard, Ref.: FSC-STD-40-004 V3.0

For its activities concerning:

Manufacturing and sales of bamboo & wood plastic composite certified FSC 100%, FSC Mix and FSC recycled*

*Updated list of products & species on the FSC database (info.fsc.org)

Type of certification: Single

Original certification date: 05 April 2020
 Date of certification decision: 05 April 2020
 Expiration date: 04 April 2025

FSC Certificate code: BV-COC-156139
 BV Certificate No. / Version: CN030162 / V1
 Contract No.: 7439396
 Issue date: 09 April 2020


 Signed on behalf of Bureau Veritas Certification Holding

The validity of this certification shall be verified on: info.fsc.org
 This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is FSC-certified or FSC Controlled Wood. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on sales and delivery documents.
 A list of the products or services that are included in the scope of the certificate may be obtained on request to Bureau Veritas Certification.
 This certificate remains the property of Bureau Veritas Certification.
 All copies or reproductions and the certificate itself shall be returned or destroyed on Bureau Veritas certification request.
 All certificates not in English are for reference only.

FSC Certificate CoC Single no 7.4 | 1 P a g e | 1

Nov 26, 2018




TRUE & NATURE

BIO Composite Wood is with advanced patented technology to make surface less plastic embossed, and super matt.



TEXTURE

TIER™ flooring is manufactured using solar power and greatly decreases our overall carbon emissions. This benefit to the environment offers real peace of mind for our customers.

NONPVC POSSIBLE

PATENTED PE WOOD CORE IS THE FIRST AND UNIQUE ALL OVER THE WORLD
SURPASSING OTHER SIMILAR CORES ON
THE MARKET



PRODUCT CATEGORIES

BIO CORE DIFFERENCES



NONPVC COMPOSITE CORE



RIGID SPC CORE

COMPARISON

NONPVC COMPOSITE CORE

Finish layer

UV Lacquer coating

Veneer layer

1.2mm or 0.6mm

Core layer

6.3mm or 6.1mm

Balancing layer

0.5mm or 0.3mm

Backing layer

1.0mm or none

VS

RIGID SPC CORE

Finish layer

Natural oil or Lacquer coating

Veneer layer

1.2mm or 0.6mm

Core layer

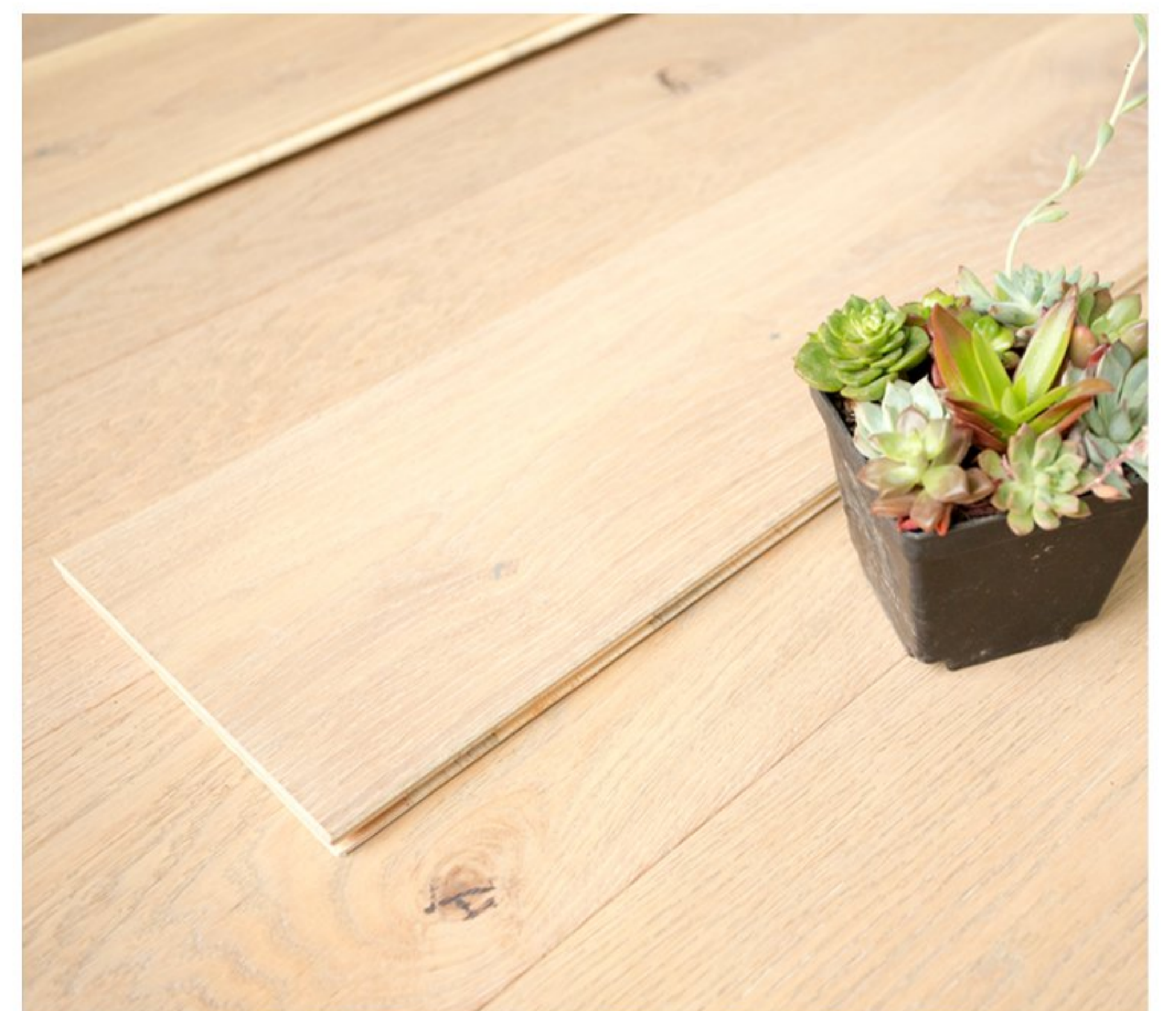
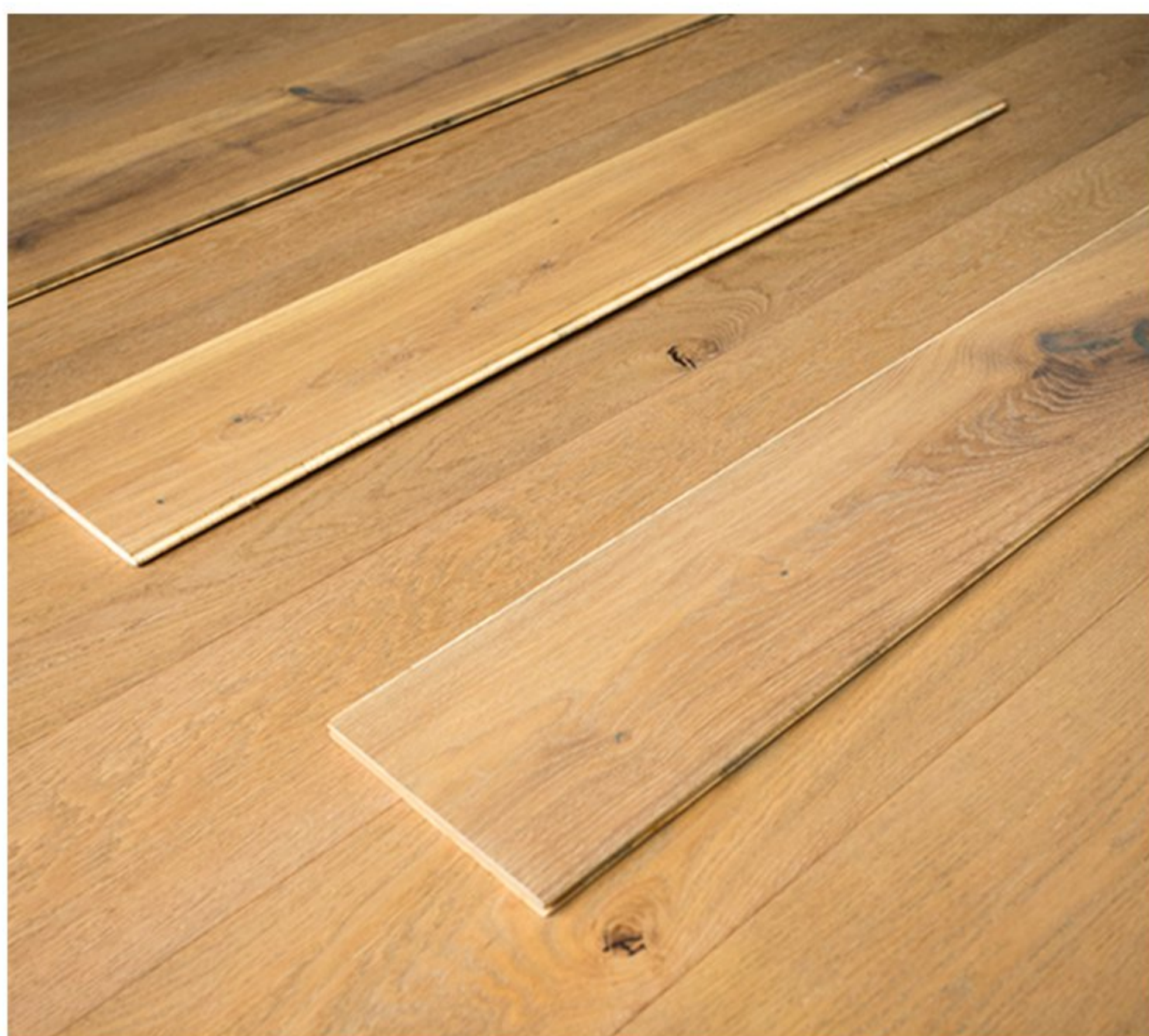
5.8mm or 4.4mm

Backing layer

optional, 1mm

CUSTOMIZE SOLUTION

LOVE YOUR FLOORS.



Producing per tree species and color design of wood samples from customer

TIER™ is available in three convenient flooring profiles, as well as tongue-and-groove “click” systems and traditional glue down systems. The click system TIER™ profile allows you to easily slide and click boards into one another to create a secure, continuous installation surface. This rigid, floating system allows for quick and easy installation by utilising pre-applied backing. Other TIER™ profiles are designed for traditional glue down flooring installations. These more economical boards can be installed in the same manner as traditional vinyl flooring. All TIER™ flooring boards are unique in their composite and PVC core, which helps mitigate the hassles associated with conventional vinyl, such as expansion, and makes them exceptionally moisture resistant. Choose from a wide range of natural colours and patterns. TIER™ sets the new standard of low-maintenance, beautiful flooring.

LOVE YOUR FLOORS.



CUSTOMIZE SOLUTION

Wire Brushed or Smooth Hard, it is your choice.

SMOOTH HARD

MAPLE /TEAK /EUCALYPTUS

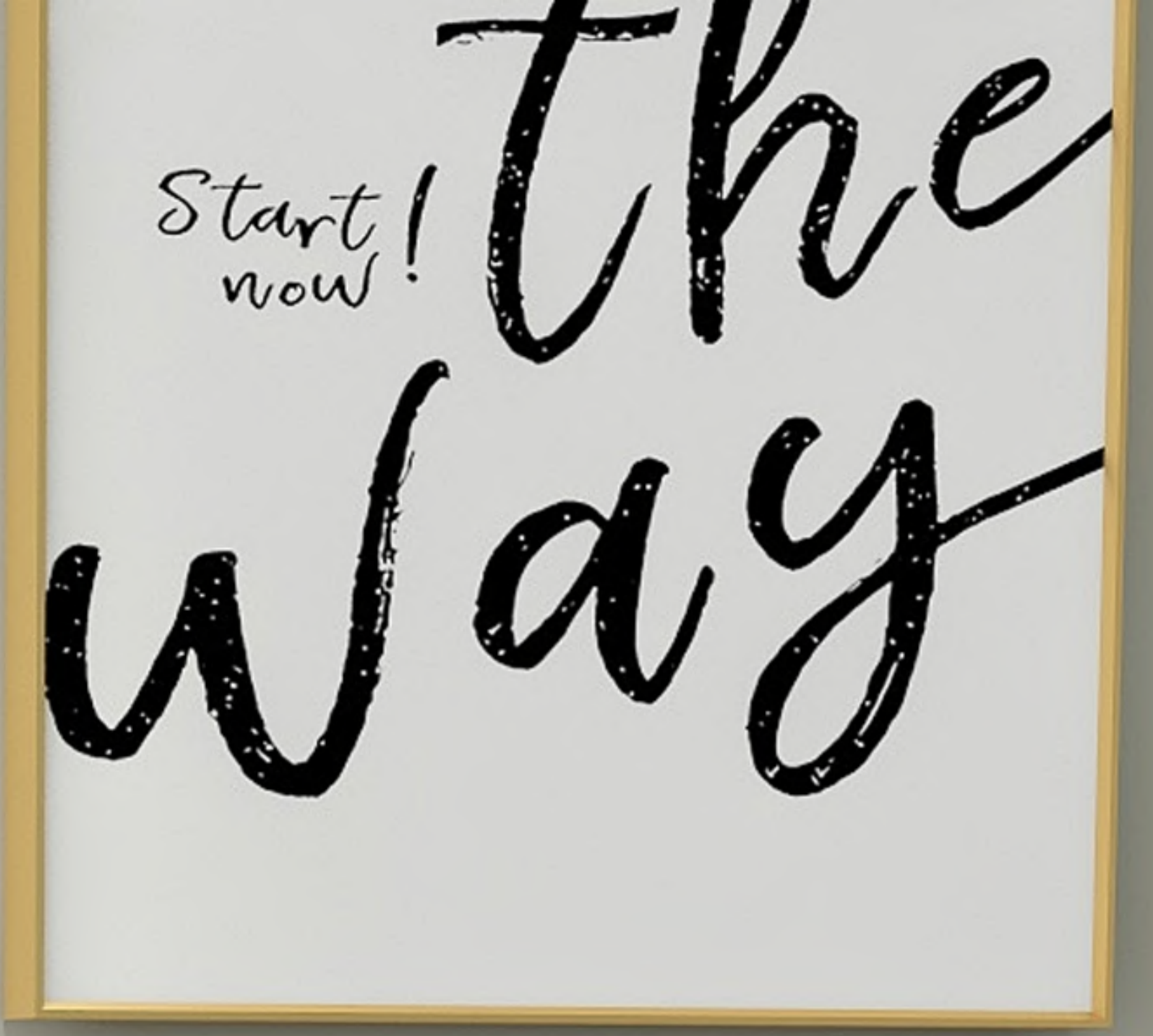
WIRE BRUSHED

OAK/WALNUT/HICKORY



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WALL SHOW

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APPLICATION

- 
Bedroom
- 
Living Room
- 
Kitchen
- 
Toilet
- 
Hospitals & Bank Branches
- 
Conference Halls
- 
Airport & Terminal Buildings
- 
Shopping Malls & Food Court Areas
- 
Stores & Shops
- 
Cafes & Restaurants
- 
Opera & Theater Halls
- 
Recreational Facilities
- 
Schools
- 
Hotels
- 
Offices
- 
Exclusive Meeting Rooms
- 
Government Buildings
- 
Exclusive Meeting Rooms

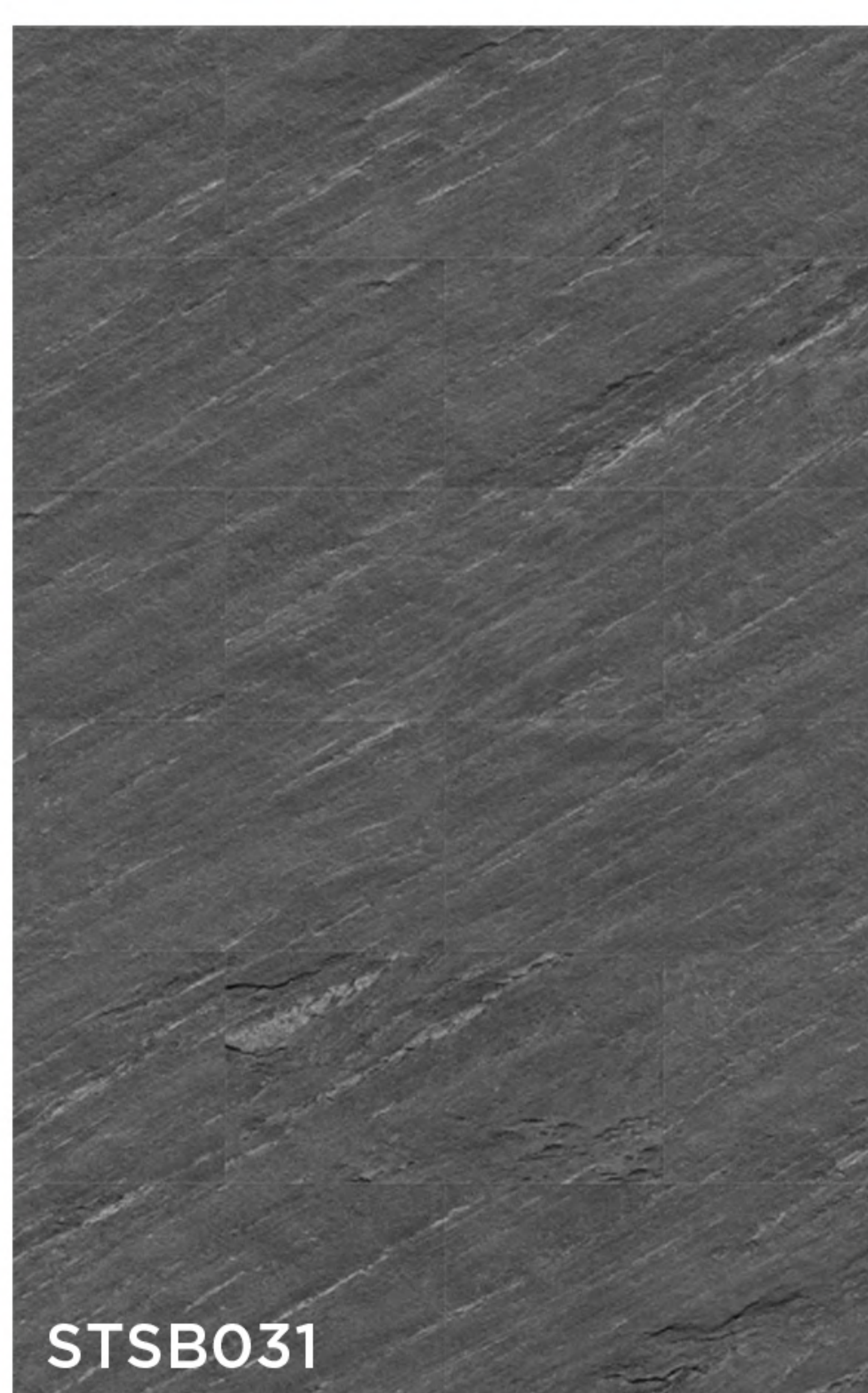
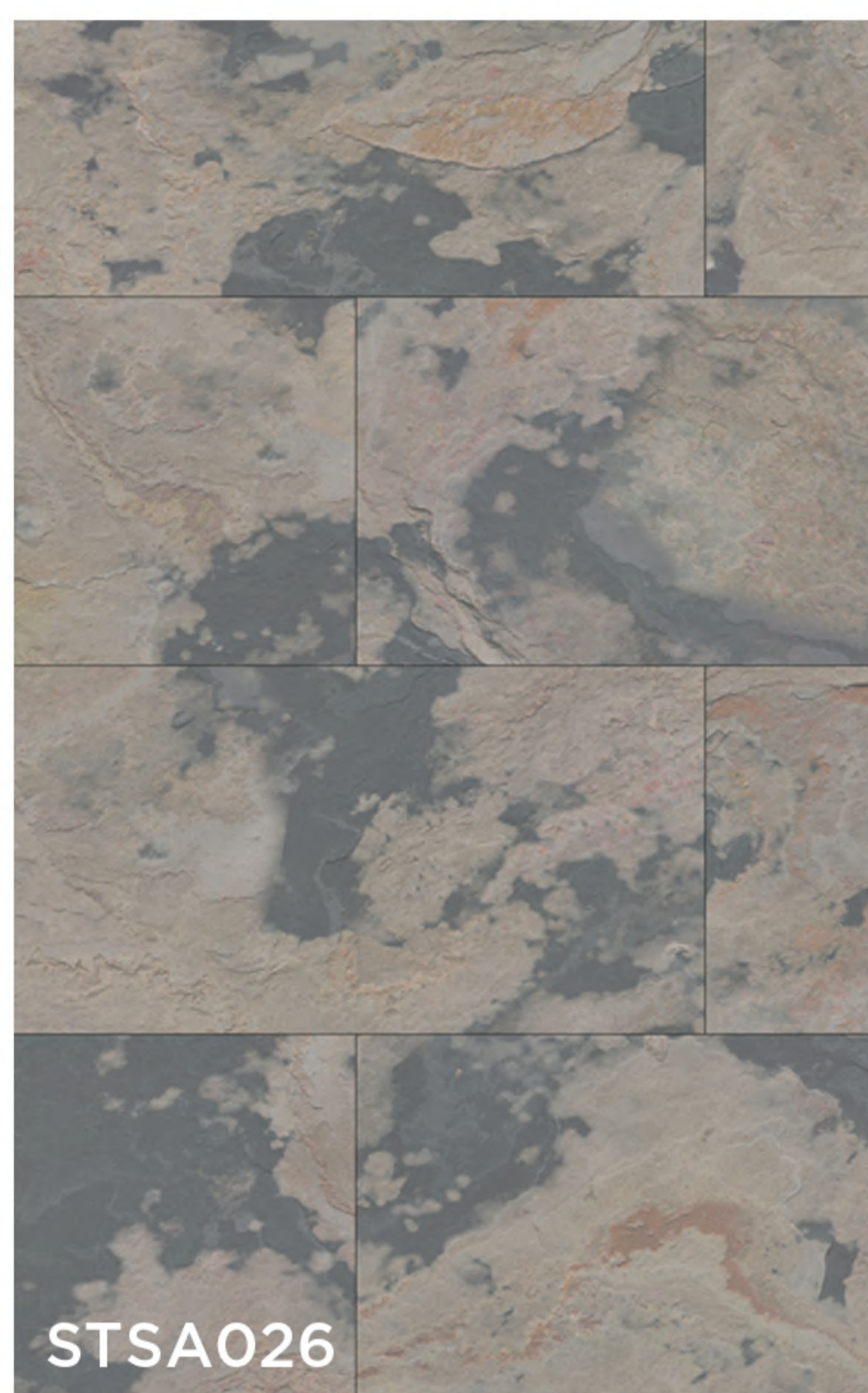
BIO COMPOSITE WOOD COLOUR RANGE

The proprietary manufacturing process used in the creation of SENTAI achieves variable and authentic colour finish, comparable only to natural timber. This advanced and innovative technology allows for incredible colour blending, providing one of the best looking composite boards available. Whilst the capped composite technology provides protection from fading and staining in the harshest environments.

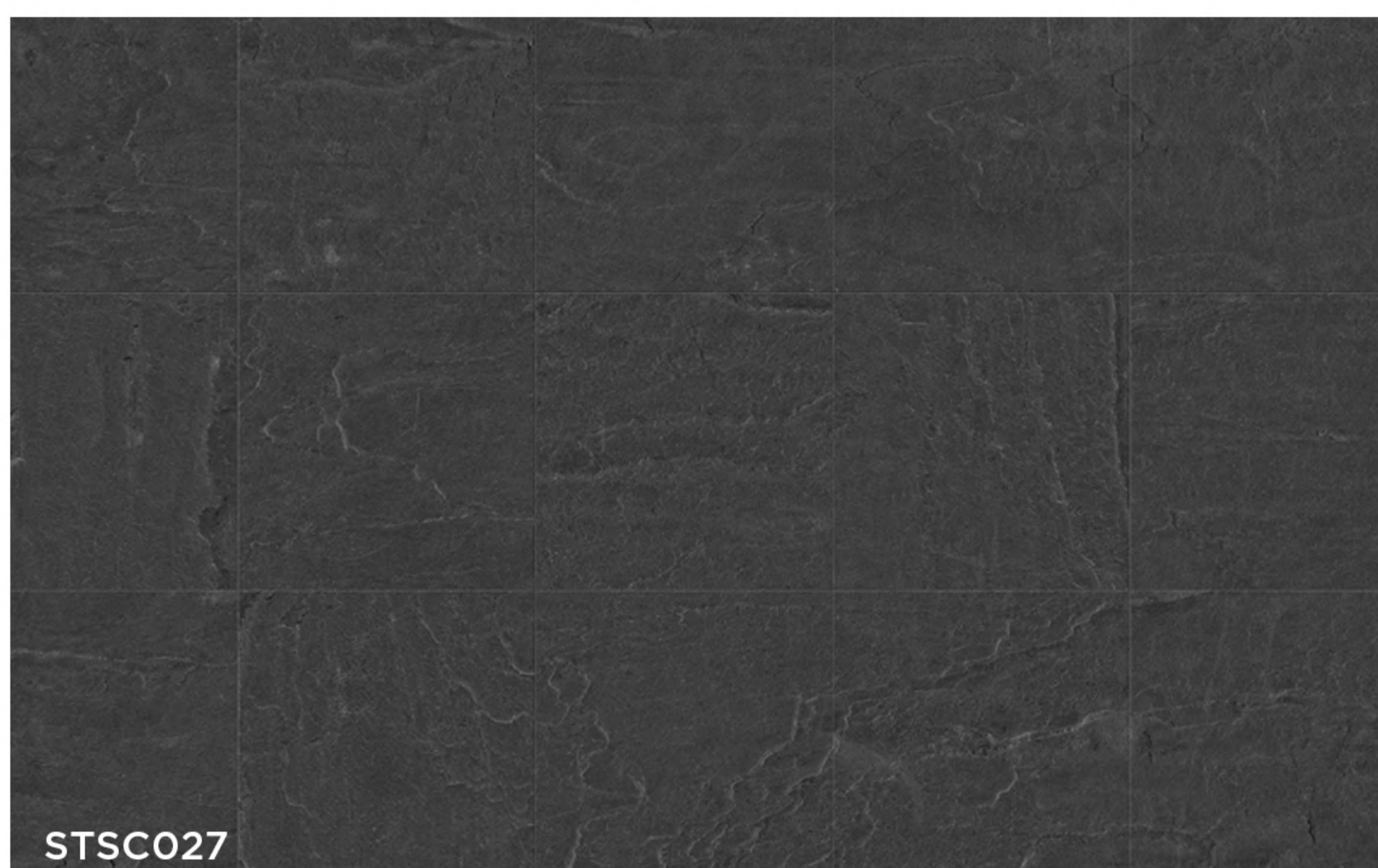
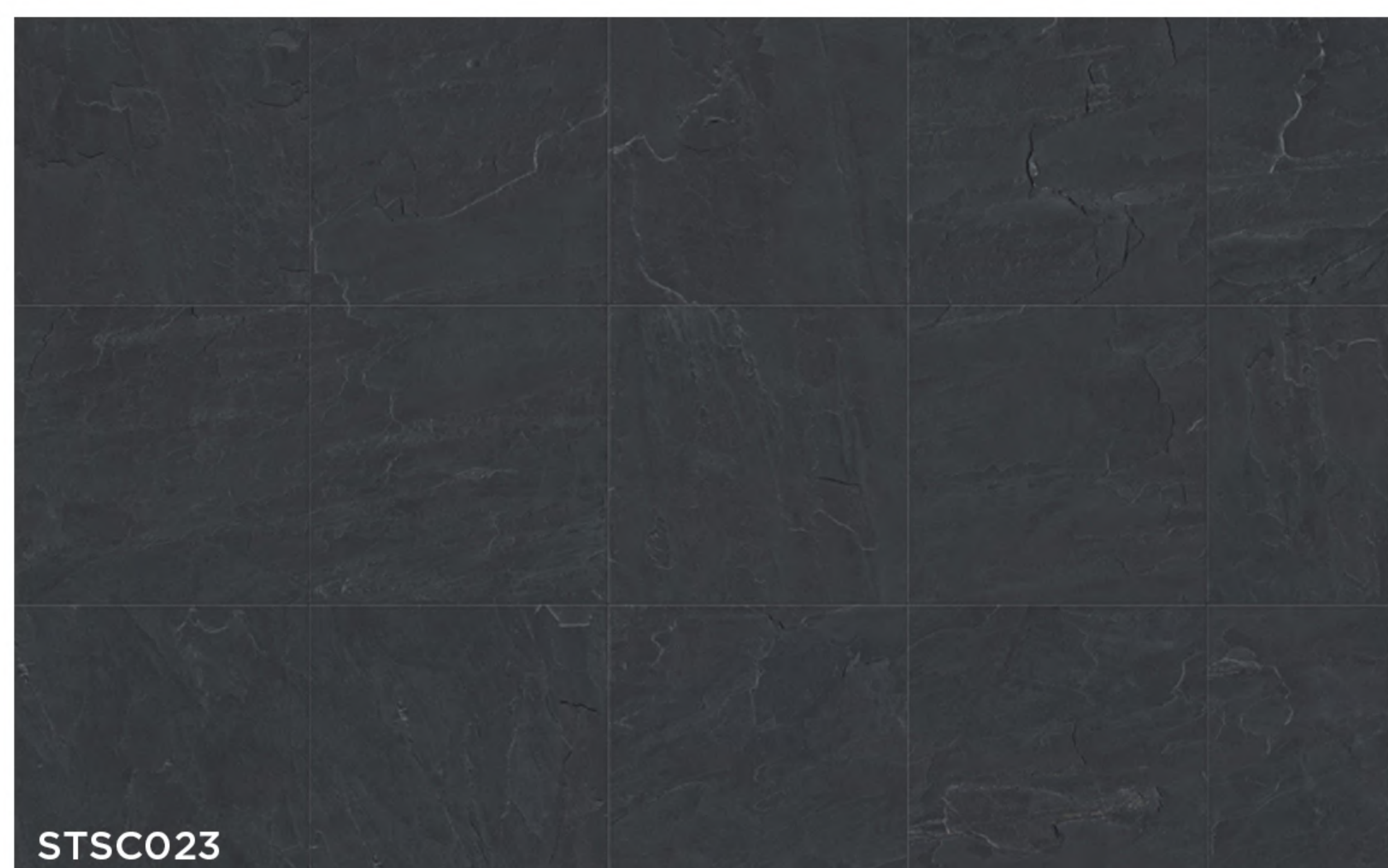


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LOGISTIC DATA

WOOD PE VS WOOD SPC

ITEM	DESC.	SIZE	QTY/CTN	KGS/CTN	CTNS/PLT	KGS/PLT
WSPC0644	Wood SPC	1220*150*5mm	12pcs	21.30KGS	42CTNS	935KGS
WSPC1258	Wood SPC	1900*190*7mm	6pcs	28.59KGS	32CTNS	975KGS
WPEC066103	Wood PE	1220*150*7mm	12pcs	20.09KGS	54CTNS	1125KGS
WPEC126305	Wood PE	1900*190*9mm	6pcs	22.10KGS	50CTNS	1165KGS

TECHNICAL DATA

	Nr, Certificate / Report	Norm, Standard	Results
1	Utilization class	EN 14354:2017	Class 23/31, suitable for general and heavy residential
2	Resistance to indentation	EN 1534:2010	37 N/mm ² , Class 31
3	Thickness swelling in water	ISO 24336:2005	1.1%, Class 33
4	Wear resistance	EN 14354:2017 Annex D	1900rounds, Class 31
5	Locking Strength	ISO 24334:2014	long side: 7.0 kN/m; short side: 16.7kN/m; Class 33
6	The body voltage	EN 1815:2016, Method A	0.2 KV
7	Thermal conductivity and thermal resistance	EN 12667:2001	Thermal Conductivity: 0.170(W/m·K); Thermal Resistance: 0.049(m ² ·K)/W;
8	Phthalate content test	REACH	Non-detected, Qualified
9	Volatile Organic Compounds (VOC) Emission	ISO 16000	A+
10	Formaldehyde Emission	EN 717-1	E1
11	Reaction to Fire	EN 13501-1	CfIS1
12	PCP content	CEN/TR 14823	Non-detected, Qualified
13	SVHCs	per newest REACH 2020, total 209 items	Non-detected, Qualified
14	Dimensional stability	EN ISO 23999:2012, 70°C	<0.25%, Qualified
15	Slip resistance	CEN/TS 15676	DS

THANK YOU!

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