Zhejiang Lidu New Materials Co.,Ltd.
No.158 LianhongRoad,Yuanhua Town, Haining City, Zhejiang Province, China
Tel: +86-173 6457 7745
+86-136 0573 1798
Mail: sales@liduflooring.com



Flooring brochure

CCF/SPC/LVT/WPC

LIDU | your dream our promise.


LIDU FLOORING

Mission

To Make Home Warm, To Make Business Appealing

Vision

To Be The World's Most Loved, Most Trusted, And Most Sustainable Flooring Partner

Core Values

Innovation
Efficiency
Integration

Located in Haining, **Zhejiang Lidu New Materials Co., Ltd.** was established in 2006 which manufatures a range of products in the building materials industry, such as wall panels, solor pannels, aluminium panels etc.

Lidu specializes in the development, design and manufacturing of innovative flooring products and accessories. Since 2006, it has invested in state of art production facility, covering a land-area of 120,000 square meters and 22 production lines with key equipments imported from Germany. The annual production capacity reaches 20 million square meters.

Besides the more common LVT, SPC and WPC products, Lidu also offers one of a kind innovative "Carbon Core Flooring" or "CCF". Thanks to the integrated carbon power, CCF flooring not only guarantees a stable performance, but offers unprecedented environmental and health benefits.

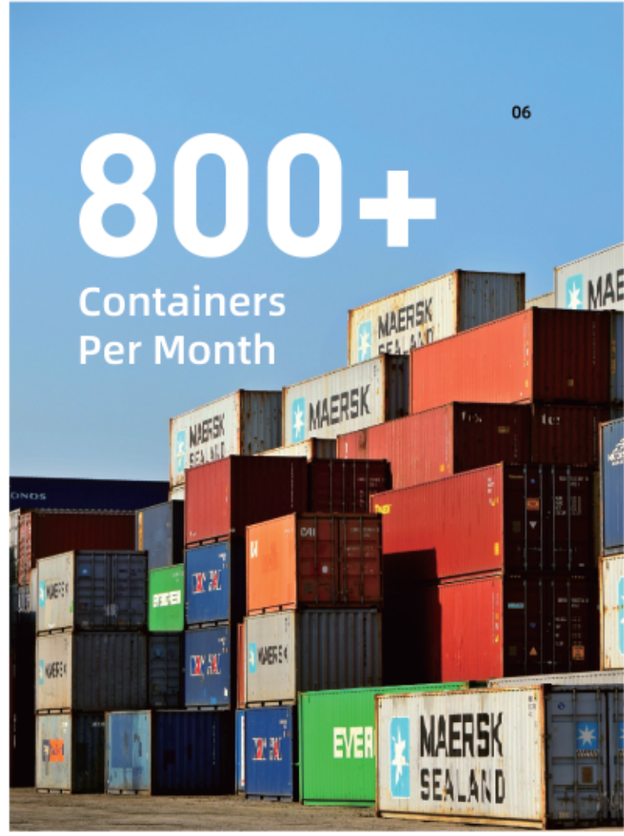
Lidu regards superior quality its top priority and ensures all the products pass strict inspection standards such as CE, A+, Floorscore. Our products are exported to more than 30 countries such as USA, Canada, Germany, France, UK etc.

International Certifications

Guaranteed Healthy and Quality Living

ISO 14001











FACTORY













Product Advantages

100% Waterproof

All product collections for gluing or clicking in are perfectly suitable for damp rooms, such as the kitchen or the bath-room.

Healthy and Safe

Non Formaldehyde and non toxic emissions to create a healthy indoor environment

Quiet and Warm

The soft surface ensures a quiet room acoustics and the elastic surface guaran-tees a gentle and warm walking experi-ence

Easy Care

Thanks to the strong and sealed surface, all collections are stain and scratch resistant, making cleaning and maintenance an easy and pleasant task

Fast Installation

With globally recgonized locking systems, such as Unilin Click and 5G, the click versions can be installed fast, simple, and reliable, making DIY installation an easy task.

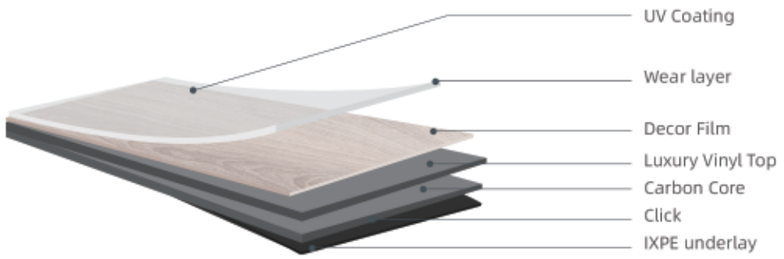
Underfloor heating Suitable

Thanks to the outstanding dimensional stability and non formaldehye features, all collections can be installed on underfloor heating and introduces an extra sense of cosy warmth.

CCF-Carbon Core Flooring

Besides the more common LVT, SPC and WPC products, Lidu also offers one of a kind innovative “Carbon Core Flooring” or “CCF”. Thanks to the integrated carbon power, CCF flooring not only guarantees a stable performance, but offers unprecedented environmental and health benefits.

CCF Product Composition

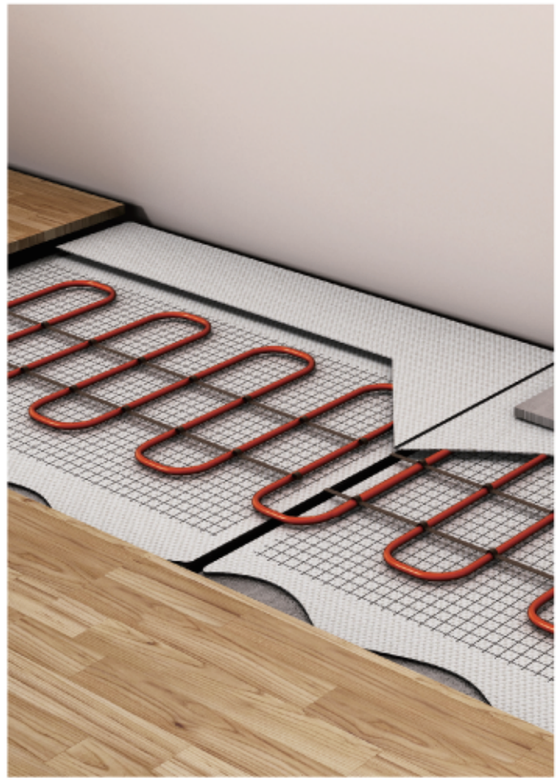


Unprecedented Health Benefits

Absorb and degrade formaldehyde

	Reduction in ppm	Percent reduction
Carbon Core Flooring	22.5	2.8%
Luxury vinyl Plank Flooring	0.0	0%
Stone Plastic Composite Flooring	0.0	0%
8 mm Laminate Flooring	0.0	0%

*TEST METHOD CONDUCTED :
Chamber Study for Formaldehyde Reduction based on ASTM D5116 and NIOSH 2016



Ultra-high thermal conductivity

Super high thermal conductivity to save energy by floor heating

Release Negative Oxygen Ions



Product Sizes

CCF-Plank



1220x178.8mm



1220x226mm



1524x178.8mm



1524x226mm



1830x226mm

CCF-Tile



305x610mm



450x830mm



457x914mm

Technical Datasheet

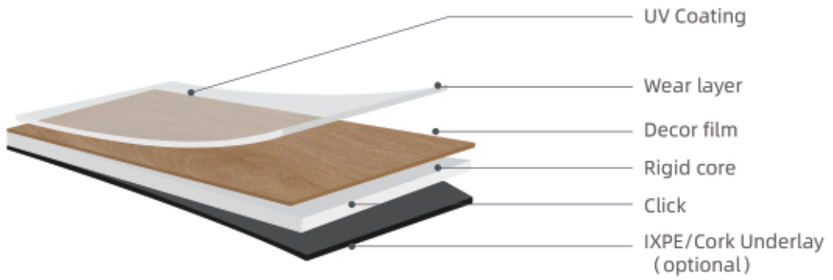
CCF TECHNICAL DATA

Test Name	Test Standard	Test Result
Specification		6.7~12.0mm
Wearlayer		0.2/0.3/0.5/0.7mm
Density	EN430	0.9~1.1g/cm3
Dimensional stability	ISO23999:2008	≤0.15%（72℃）
Curling	ISO23999:2008	≤1.5mm
Squareness	ISO24342:2018	≤0.1mm
Straightness	ISO24342:2018	≤0.1mm
Residual indentation	ISO24343-1:2007	≤0.1mm
Peel resistance	ISO24345:2006	65N/50mm
Impact Sound Improvement	ISO10140-3:2021	△Lw =21 dB
Impact Insulation Class	ASTM E492-09	62
Smoke Density	ASTM E662	Pass
Thermal resistance	EN12667:2001	0.098m²K/W
Light stability	ISO105-B02:Method 3	≥6
Castor chair	EN425	25000R No damage
Reaction to fire	EN14041:2004	class Bf1-s1
Formaldehyde emission	EN14041:2004	class E1
Slip resistance	EN14041:2004	class DS
Anti-Slip Property	DIN51130: 2014-02	R10
VOC	ISO16000-3:2011	A+
SVHC	Reach No1907/2006	Pass
Heavy Metal	EN71-3	Pass
Phthalates	CPSC-CH-C1001-09.4	Pass
Determination of resistance to stains chemical rsistance	ISO26987:2008/ ASTM F925	Resistant/ No Change
Formaldehyde Reduction	**ASTM D5116/NIOSH 2016**	**Reduction in 22.5ppm, 2.8% after 24 hours**
Negative Ion Concentration		**1650/cm ³**

SPC Product Composition and Sizes

SPC is the most popular choice in the flooring industry. It not only comes in endless decor options, but also provides outstanding performance of being water-proof, rigid, dimensionally stable, and environmentally friendly. Thus it can be safely used in areas with sustained exposure to moisture, such as bathroom, laundry room and kitchen. SPC is suitable for commercial property but also for private customers, who appreciate resilient flooring in trendy designs.

SPC Product Composition



Product Sizes

SPC-Plank



1220x151mm



1220x183mm



1220x230mm



1524x183mm



1524x230mm



1830x230mm

SPC-Tile



305x610mm



610x610mm



450x830mm



457x914mm

Technical Datasheet

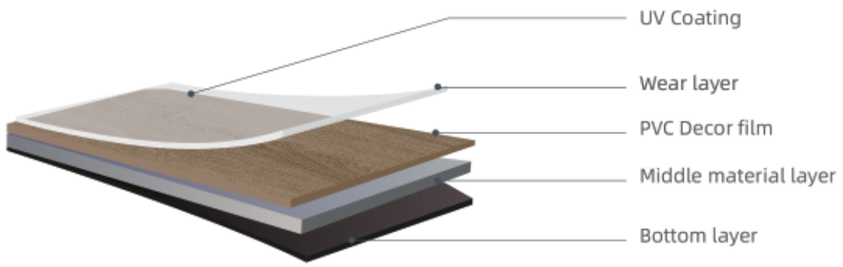
SPC TECHNICAL DATA

Test Name	Test Standard	Test Result
Specification		3.2~10.0mm
Wearlayer		0.2/0.3/0.5/0.7mm
Density	EN430	1.95~2.1g/cm3
Dimensional stability	ISO23999:2008	≤0.10%
Curling	ISO23999:2008	≤0.5mm
Squareness	ISO24342:2018	≤0.1mm
Straightness	ISO24342:2018	≤0.1mm
Residual indentation	ISO24343-1:2007	≤0.1mm
Peel resistance	ISO24345:2006	65N/50mm
Impact Sound Improvement	ISO10140-3:2021	△Lw =21 dB
Thermal resistance	EN12667:2001	0.041m²K/W
Light stability	ISO105-B02:Method 3	≥6
Castor chair	EN425	25000R No damage
Reaction to fire	EN14041:2004	class Bf1-s1
Formaldehyde emission	EN14041:2004	class E1
Slip resistance	EN14041:2004	class DS
Anti-Slip Property	DIN51130: 2014-02	R10
VOC	ISO16000-3:2011	A+
SVHC	Reach No1907/2006	Pass
Heavy Metal	EN71-3	Pass
Phthalates	CPSC-CH-C1001-09.4	Pass
Determination of resistance to stains chemical rsistance	ISO26987:2008	Resistant

LVT Product Composition and Sizes

The design flooring for gluing, with utilisation classes between 23 and 42, is always the right choice - for domestic areas as much as for public buildings or the light industrial sector. Product thicknesses of 1.5 mm to 3.0mm make it possible to install the design floor on virtually any technically adequate subsurface.

LVT Product Composition



LD0103603

Product Sizes

LVT-Plank



1227x156mm



1227x187mm



1227x238mm



1524x187mm

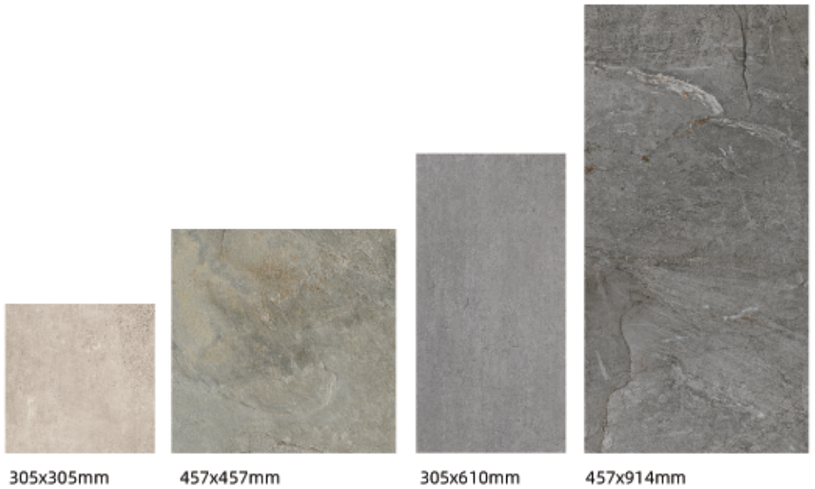


1524x238mm



1840x238mm

LVT-Tile



305x305mm 457x457mm 305x610mm 457x914mm

Technical Datasheet

LVT TECHNICAL DATA

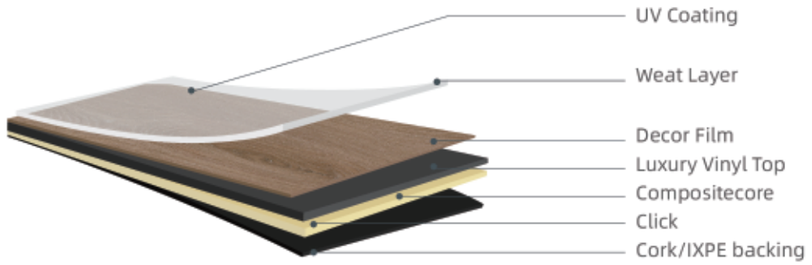
Test Name	Test Standard	Test Result
Specification		1.5~3.0mm
Wearlayer		0.2/0.3/0.5mm
Density	EN430	1.85~2.05g/cm3
Dimensional stability	ISO23999:2008	≤0.15%
Curling	ISO23999:2008	≤1.2mm
Squareness	ISO24342:2018	≤0.1mm
Straightness	ISO24342:2018	≤0.1mm
Residual indentation	ISO24343-1:2007	≤0.1mm
Peel resistance	ISO24345:2006	65N/50mm
Impact Sound Improvement	ISO10140-3:2021	△Lw =21 dB
Thermal resistance	EN12667:2001	0.075m²K/W
Light stability	ISO105-B02:Method 3	≥6
Castor chair	EN425	25000R No damage
Reaction to fire	EN14041:2004	class Bf1-s1
Formaldehyde emission	EN14041:2004	class E1
Slip resistance	EN14041:2004	class DS
Anti-Slip Property	DIN51130: 2014-02	R10
VOC	ISO16000-3:2011	A+
SVHC	Reach No1907/2006	Pass
Heavy Metal	EN71-3	Pass
Phthalates	CPSC-CH-C1001-09.4	Pass
Determination of resistance to stains chemical rsistance	ISO26987:2008	Resistant



WPC Product Composition and Sizes

WPC is a collection of Acoustic Vinyl CompositeCore click product, which is a new revolution of LVT. It is an engineered flooring product that consists of a LVT top layer, compositecore and backing with click system. With vinyl on top, it provides a durable and resilient performance; Compositecore is an extruded layer which is waterproof with excellent dimensional stability; and cork backing ensures superior sound insulation performance.

WPC Product Composition



Product Sizes

WPC-Plank



1220x151mm



1220x183mm



1220x230mm



1524x183mm



1524x230mm



1830x230mm

WPC-Tile



305x610mm



450x830mm



457x914mm

Technical Datasheet

WPC TECHNICAL DATA

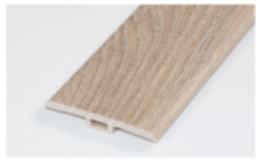
Test Name	Test Standard	Test Result
Specification		5.5~10.0mm
Wearlayer		0.2/0.3/0.5/0.7mm
Density	EN430	0.9~1.1g/cm3
Dimensional stability	ISO23999:2008	≤0.20%（72℃）
Curling	ISO23999:2008	≤1.5mm
Squareness	ISO24342:2018	≤0.1mm
Straightness	ISO24342:2018	≤0.1mm
Residual indentation	ISO24343-1:2007	≤0.1mm
Peel resistance	ISO24345:2006	65N/50mm
Impact Sound Improvement	ISO10140-3:2021	△Lw =21 dB
Thermal resistance	EN12667:2001	0.098m²K/W
Light stability	ISO105-B02:Method 3	≥6
Castor chair	EN425	25000R No damage
Reaction to fire	EN14041:2004	class Bf1-s1
Formaldehyde emission	EN14041:2004	class E1
Slip resistance	EN14041:2004	class DS
Anti-Slip Property	DIN51130: 2014-02	R10
VOC	ISO16000-3:2011	A+
SVHC	Reach No1907/2006	Pass
Heavy Metal	EN71-3	Pass
Phthalates	CPSC-CH-C1001-09.4	Pass
Determination of resistance to stains chemical rsistance	ISO26987:2008	Resistant

Mouldings

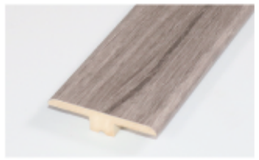
We offer not only customized flooring, but also the perfect fit PVC accessories.

T-Moulding

T-moulding is used when transitioning between two floors of equal height, streamlining the flow of the flooring used.



SPC T-molding



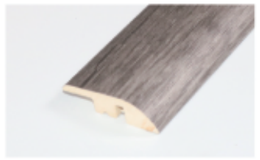
WPC T-molding

Reducer

Reducer is used when two floor levels of slightly different thicknesses come together, such as an SPC floor and a wood, vinyl, ceramic or low-pile carpet floor.



SPC Reducer



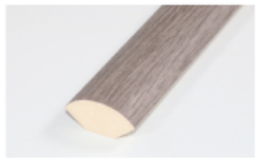
WPC Reducer

Quarter Round

The rounded shape creates a subtle blend between the floor and the wall and it can be used the same way as a skirting.



SPC Quarter Round



WPC Quarter Round

Skirting Board

Skirting borders the SPC floor at the base of the wall to give the room a finished look.



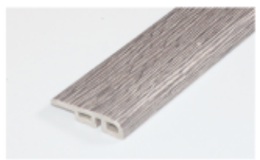
SPC Skirting



WPC Skirting

End Cap

End-Cap is used as a transition between different floor types, which is meant as a floor finish and also to protect the edge of SPC flooring.



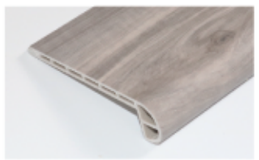
SPC End Cap



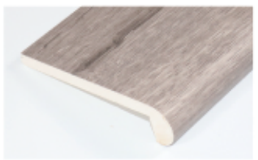
WPC End Cap

Stair Nose

The stair nose profile provides for proper transitioning at the edge for all the steps on a staircase or platform.



SPC Stairnose



WPC Stairnose



LD 1101601



LD 1101602



LD 1101603



LD 1101604



LD 1101605



LD 1101606



LD 1101607



LD 1101608



LD 1101601



LD 1101609



LD 1101610



LD 1101611



LD 1101616



LD 1101617



LD 1102801



LD 1102802



LD 1102812



LD 1102816



LD 1102805



LD 1102811



LD 1102801

Pattern Repeat Length: 1220mm



LD 1102901



LD 1102903



LD 1102904



LD 1102905



LD 1102906



LD 1102907



LD 1102911



LD 1102930



LD 1100703





LD 1100743



LD 1100711

LD 1100724



LD 1100764



LD 1100734



LD 1100735



LD 1100741



LD 1100765

LD 110201



LD 1102501



LD 1102510



LD 1102511



LD 1102512



LD 1102513



LD 1102514



LD 1102516



LD 1102518

Pattern Repeat Length：1220mm



LD 1103102



LD 1103103



LD 1103104



LD 1103105



LD 1103120



LD 1103121



LD 1103102



LD 1102703



LD 1102703



LD 1102704



LD 1102705



LD 1102708



LD 1102701



LD 1102702



LD 1102709

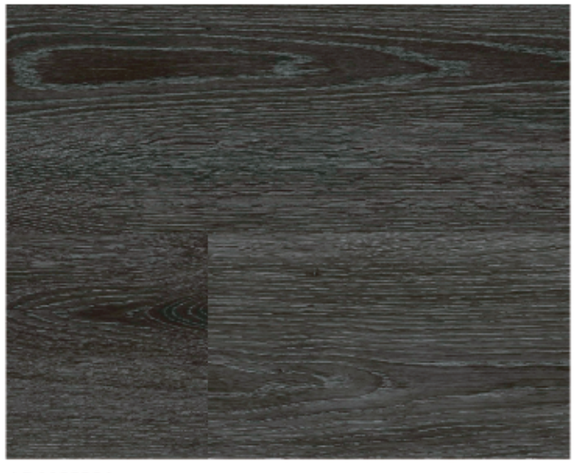


LD 1102710

Pattern Repeat Length:1220mm



LD 1103201



LD 1103204



LD 1103205



LD 1103302



LD 1103310



LD 1103306

LD 1103327



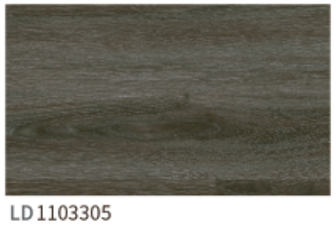
LD 1103314



LD 1103311



LD 1103313



LD 1103305



LD 1103401



LD 1103405



LD 1103409



LD 1103510



LD 1103504



LD 1103507



LD 1103601



LD 1103602



LD 1103605



LD 1103608



LD 1103705



LD 1103709



LD 1103706



LD 1103707

Pattern Repeat Length:1220mm



LD 1103801



LD 1103802



LD 1103805



LD 1103807



LD 1103903



LD 1103903



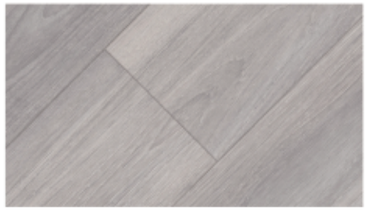
LD 1103909



LD 1104001



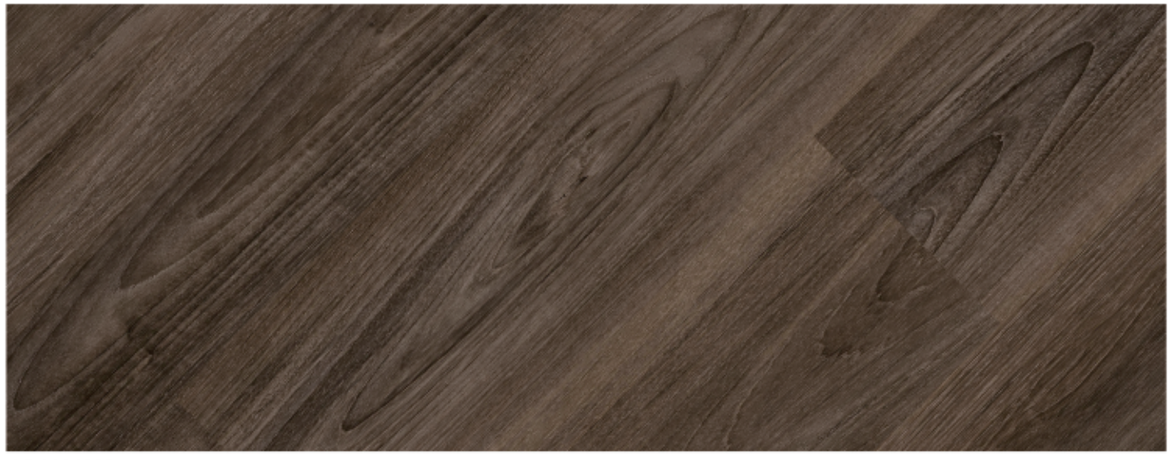
LD 1104002



LD 1104015



LD 1104013



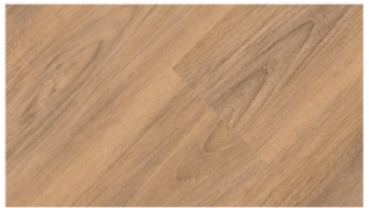
LD 1104003



LD 1104007



LD 1104014



LD 1104009

Pattern Repeat Length:1220mm



LD 1104103



LD 1104102



LD 1104103



LD 1104107



LD 1104201



LD 1104204



LD 1104206



LD 1100101



LD 1100201



LD 1100307



LD 1104311



LD 1104401



LD 1104601



LD 1104501



LD 1105101



LD1102601



LD1102604



LD1102605



LD1102607



LD1102608



LD1104703



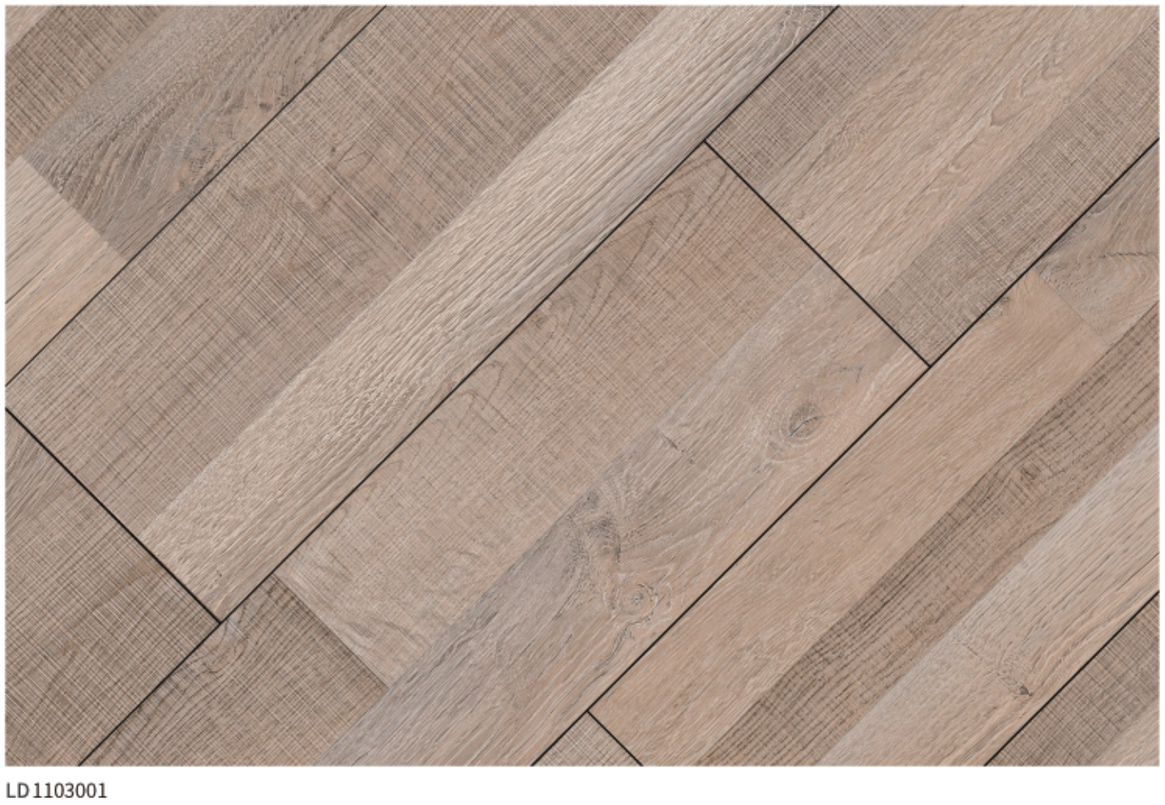
LD1104803



LD1104903



LD1105001



LD1103001



LD1103005



LD1103006



LD1103004



LD1103007



LD1100761

Pattern Repeat Length:1524mm



LD 1205001



LD 1205003



LD 1205004



LD 1205005



LD 1205011



LD 1205003



LD 1204401



LD 1204404



LD 1204406



LD 1204407



LD 1204408



LD 1204401



LD 1204402



LD 1204409



LD 1204411

Pattern Repeat Length:1524mm



LD 1205201



LD 1205201



LD 1205203



LD 1205206



LD 1205207



LD 1205208



LD 1205210



LD 1205211



LD 1205214



LD 1205301



LD 1205307



LD 1205304



LD 1205305



LD 1205310



LD 1205311



LD 1205312



LD 1205318



LD 1205326



LD 1205328



LD 1205333



LD 1205336



LD 1205301



LD 1205402



LD 1205403



LD 1205407



LD 1205427



LD 1205404



LD 1205405



LD 1205468

Pattern Repeat Length: 1524mm





LD 1200601



LD 1200602



LD 1200603



LD 1200604



LD 1200605



LD 1200606



LD 1200607



LD 1200608



LD 1205501



LD 1205502



LD 1205503



LD 1205504



LD 1205505



LD 1205506



LD 1205507



LD 1205508



LD 1205501



LD 1205509



LD 1205510



LD 1204001



LD 1204002



LD 1204005



LD 1204006



LD 1204003



LD 1204001



LD 1204007



LD 1204004



LD 1204008



LD 1205601



LD 1205603



LD 1205604



LD 1205606



LD 1205609



LD 1205701



LD 1205703



LD 1205707



LD 1205708



LD 1205710



LD 1205714



LD 1205715



LD 1205720



LD 1205801



LD 1205803



LD 1205804



LD 1205805



LD 1205807



LD 1205901



LD 1205902



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LD 1205905



LD 1205906



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LD 1206006



LD 1200102



LD 1200108



LD 1200111



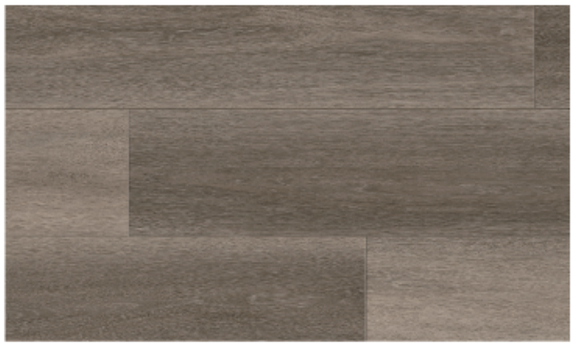
LD 1200208



LD 1200309



LD 1202201



LD 1203302



LD 1203402



LD 1202301



LD 1202003



LD 1206106

Pattern Repeat Length:1524mm



LD 1204501



LD 1206202



LD 1206303



LD 1206403



LD 1202503



LD 1203201



LD 1203101



LD 1206502



LD 1206607



LD 1200507



LD 1200508

LD1206703

Pattern Repeat Length: 1830mm



LD 1300102



LD 1300103



LD 1300104



LD 1300108



LD 1300109



LD 1300113



LD 1300115



LD 1300116



LD 1300101



LD 1300301



LD 1300302



LD 1300303



LD 1300305



LD 1300307



LD 1300315



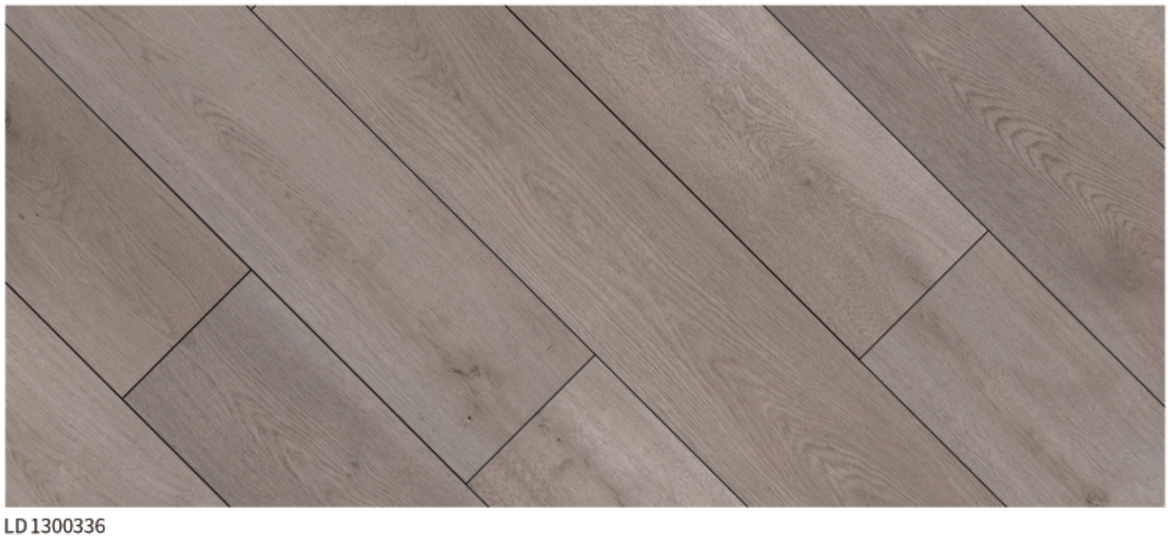
LD 1300320



LD 1300332



LD 1300303



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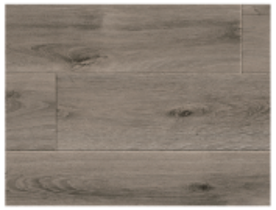

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LD 1206801





Stone Designs

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LD0100807



LD0100808



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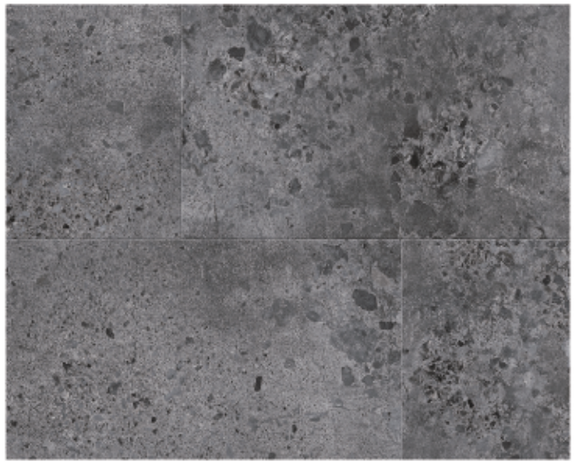

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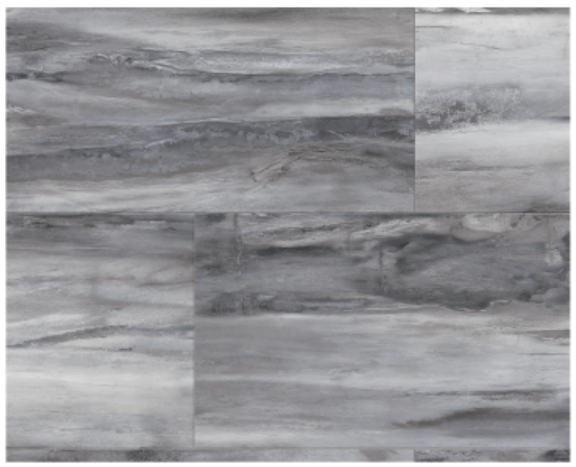

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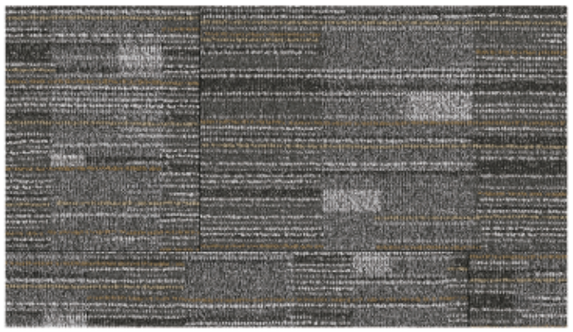

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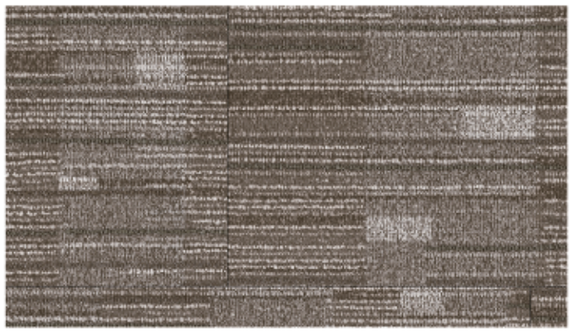

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