



Features guide


Your benefits at a glance

- 


Residential guarantee

All floors get through a series of rigorous tests, which is why we grant long-lasting warranty with every product.
- 


Strong

The flooring is amazingly strong because of super durable surface. Moving furniture or falling objects don't damage it.
- 

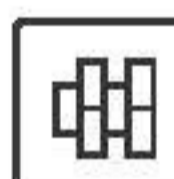
Real groove

Bevelled edges on all four sides of the plank ensure an authentic floorboard look.
- 


Heating

The flooring is suitable for underfloor heating, due to its good thermal conductivity.
- 


Anti-static

The flooring provides complete protection against unpleasant shocks.
- 


Design diversity

The decors in our collections consist of 3m² or 6m² different planks, each with their own wood pattern, so there's hardly repetition in a floor.
- 


Anti bacterial comfort

Tested Germs: Escherichia coli, Staphylococcus aureus, Klebsiella Pneumoniae, E.faecalis
- 


Light resistant

The flooring is light-resistant. Even the sun shines for hours, it still remains non-fading.
- 


Authentic embossed

This embossing follows the texture of the decor highlights the natural wood grains and knots with variations in depth and gloss on multiple levels.
- 


E0
HCHO
Clean air quality

The flooring carries European indoor air standard throughout life, meeting high environmental requirements.
- 

Anti-scratch

The strong surface protects your flooring against scratches that can be caused by strong mechanical stresses or the claws of house pets.
- 

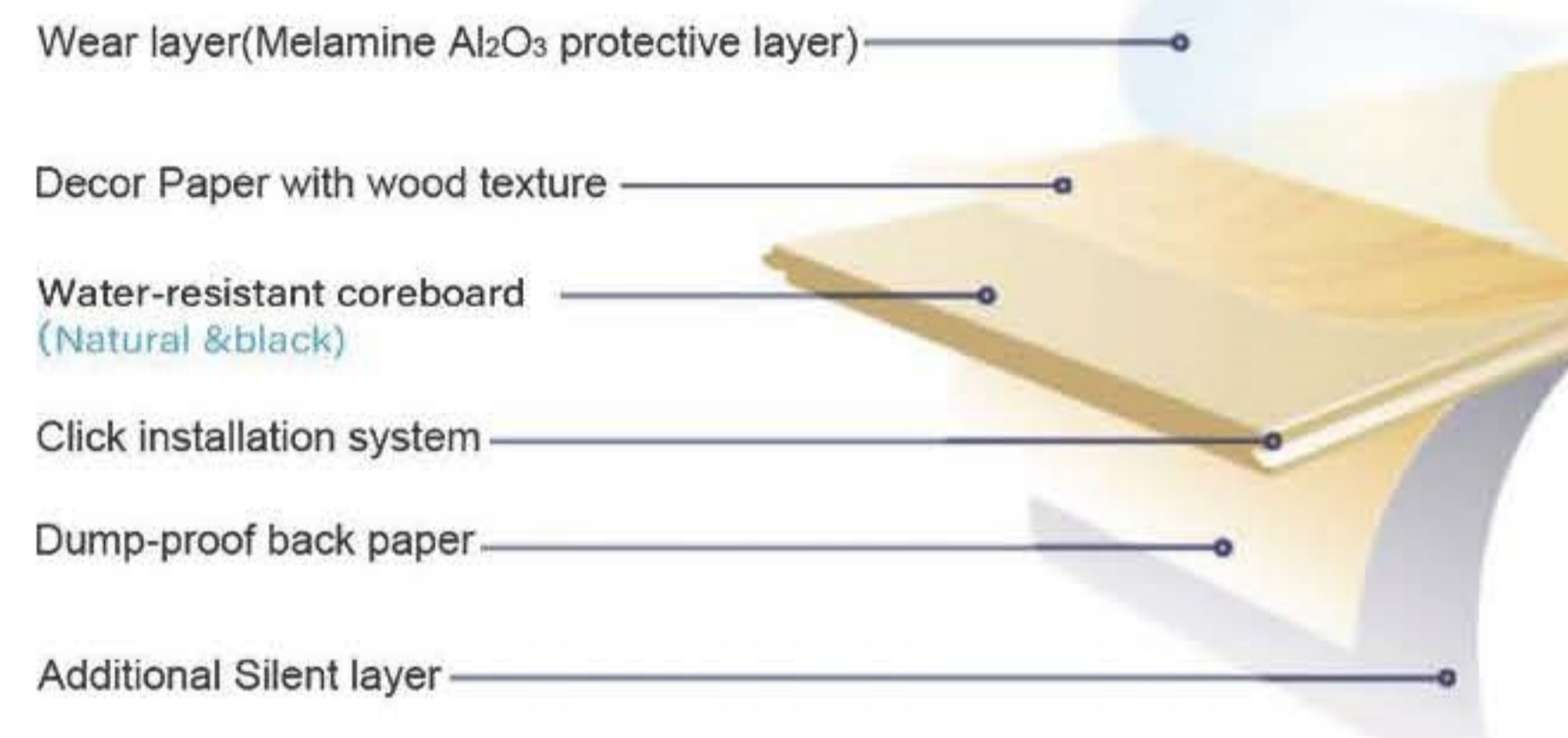
Anti cigarette-burn

The flooring does not has blisters, cracks and burns.
- 

Pet-proof

Owing to strong surface, which is not defeated by small mishaps, the flooring extremely fit for life with house-pets.

Water-resistant laminate flooring



Dimension of the flooring

Length	600mm	800mm	1215mm	1515mm	1830mm	2250mm
	23.6"	31.5"	48"	59.65"	72"	88"
Width	126mm	146mm	166mm	196mm	238mm	300mm
	4.96"	5.75"	6.54"	7.72"	9.37"	11.82"
Thickness	6mm	7mm	8mm	10mm	12mm	15mm

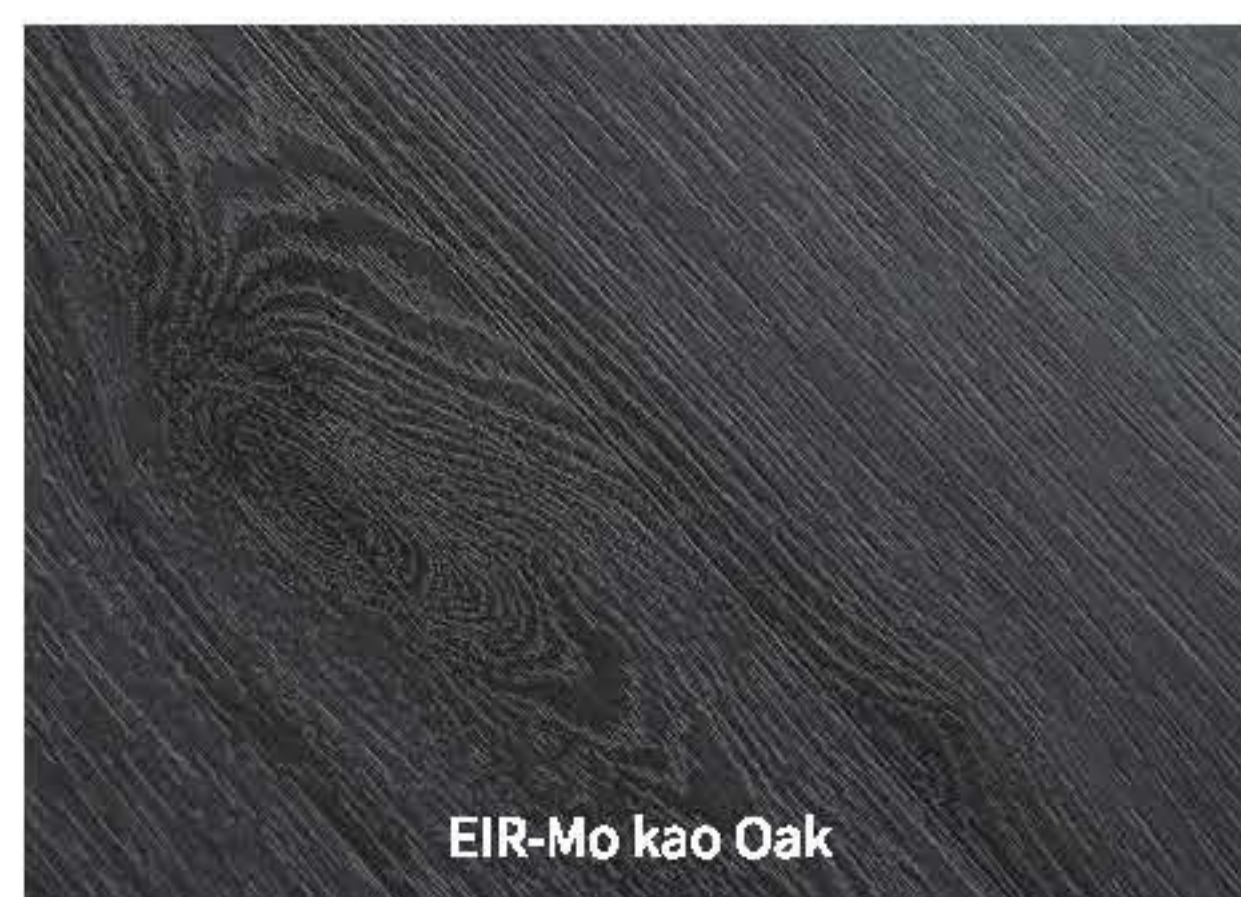
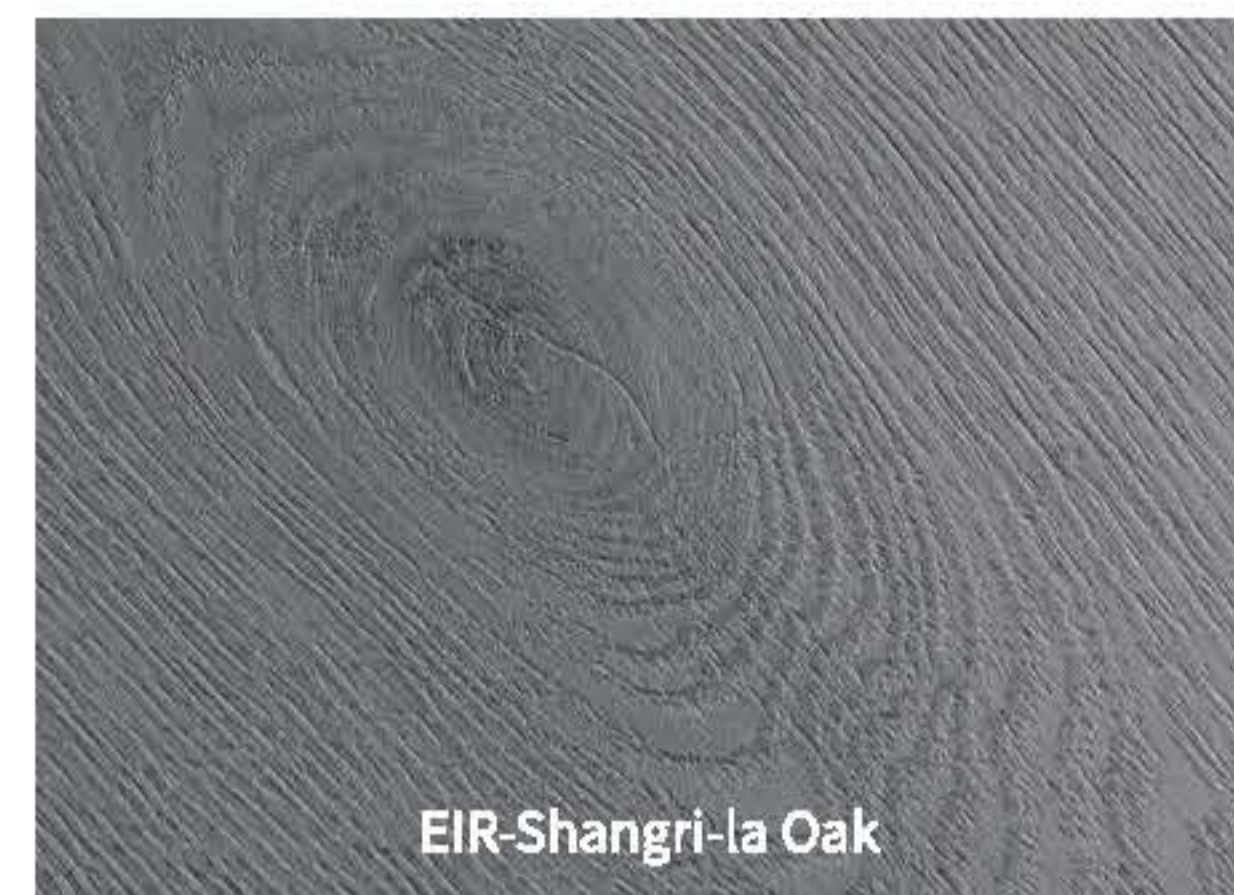




CARSEM
New Materials

Surface textures

The look and feel of real wood





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New Materials

The great wall

Beautiful wood design, 3m2 no repetition, full of wood character with a wonderful realistic look and feel. A floor is what you call a natural beauty, even in a kitchen and bathroom, as the planks are water resistant. And what's more: it's stronger than ever.

Specifications

Construction	Water-resistant Laminate
Applicable place	Indoor
Gloss	Ultramatt
Length	1215mm / 2250mm
Width	195mm / 238mm
Thickness	8mm / 10mm / 12mm
Installation method	Floating

Technical detail

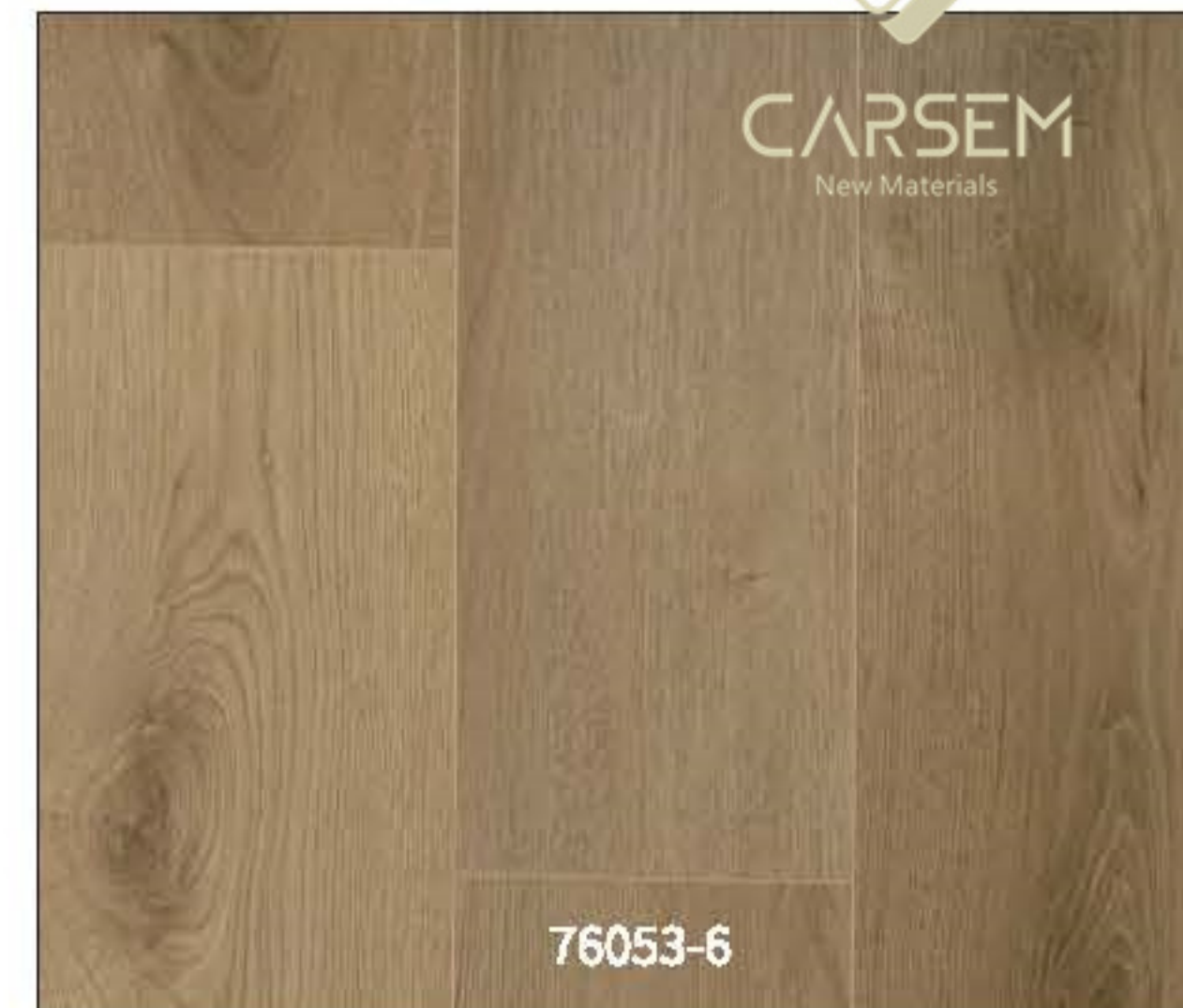
Surface	EIR
Class	AC2,AC3,AC4,AC5,AC6
Air Quality	E0
Edges	4 sided V-groove
Click	2G/5G
Domestic Warranty	25 years
Commercial Warranty	5 years
Floor heating or cooling	Compatible with heating/cooling



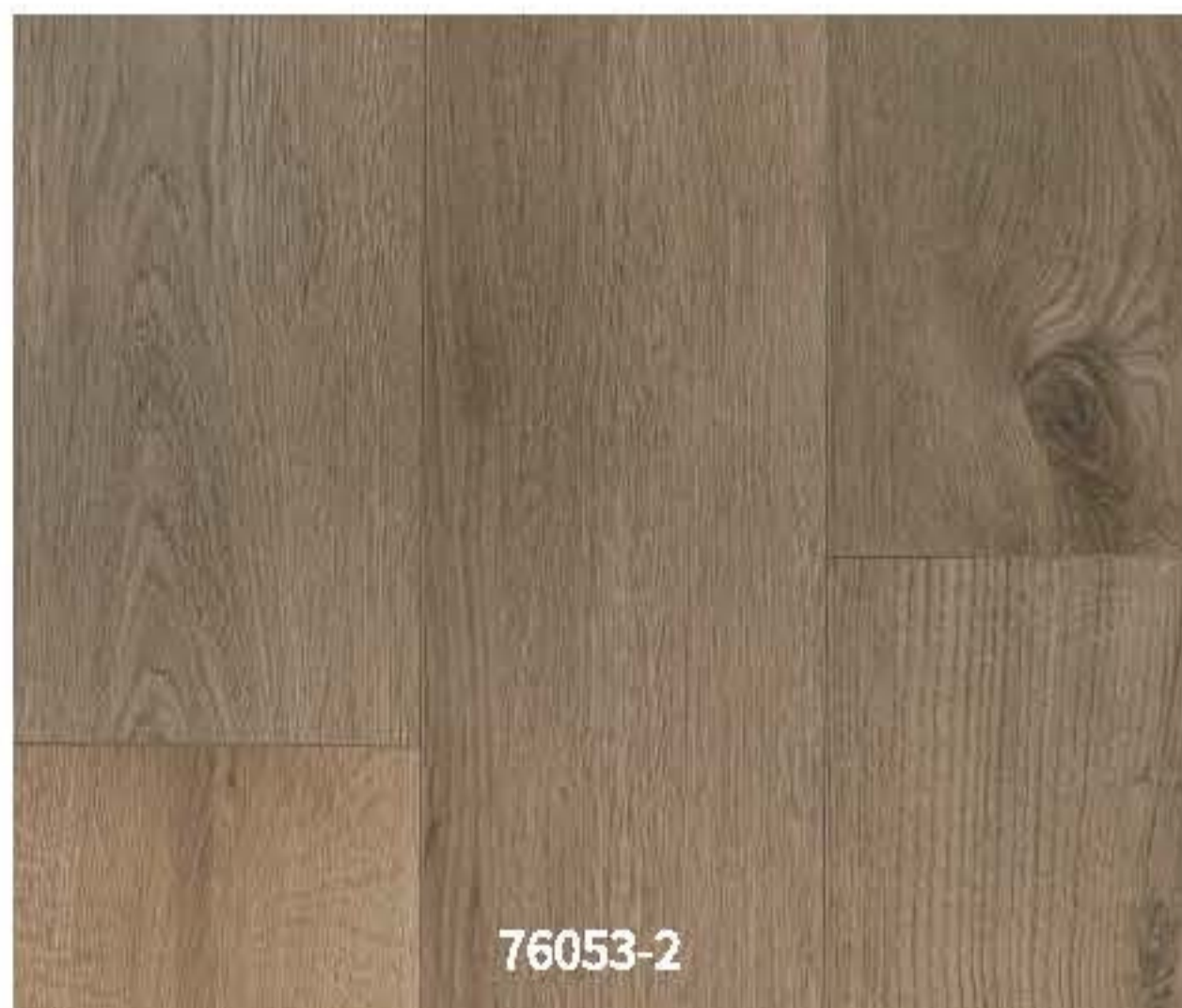
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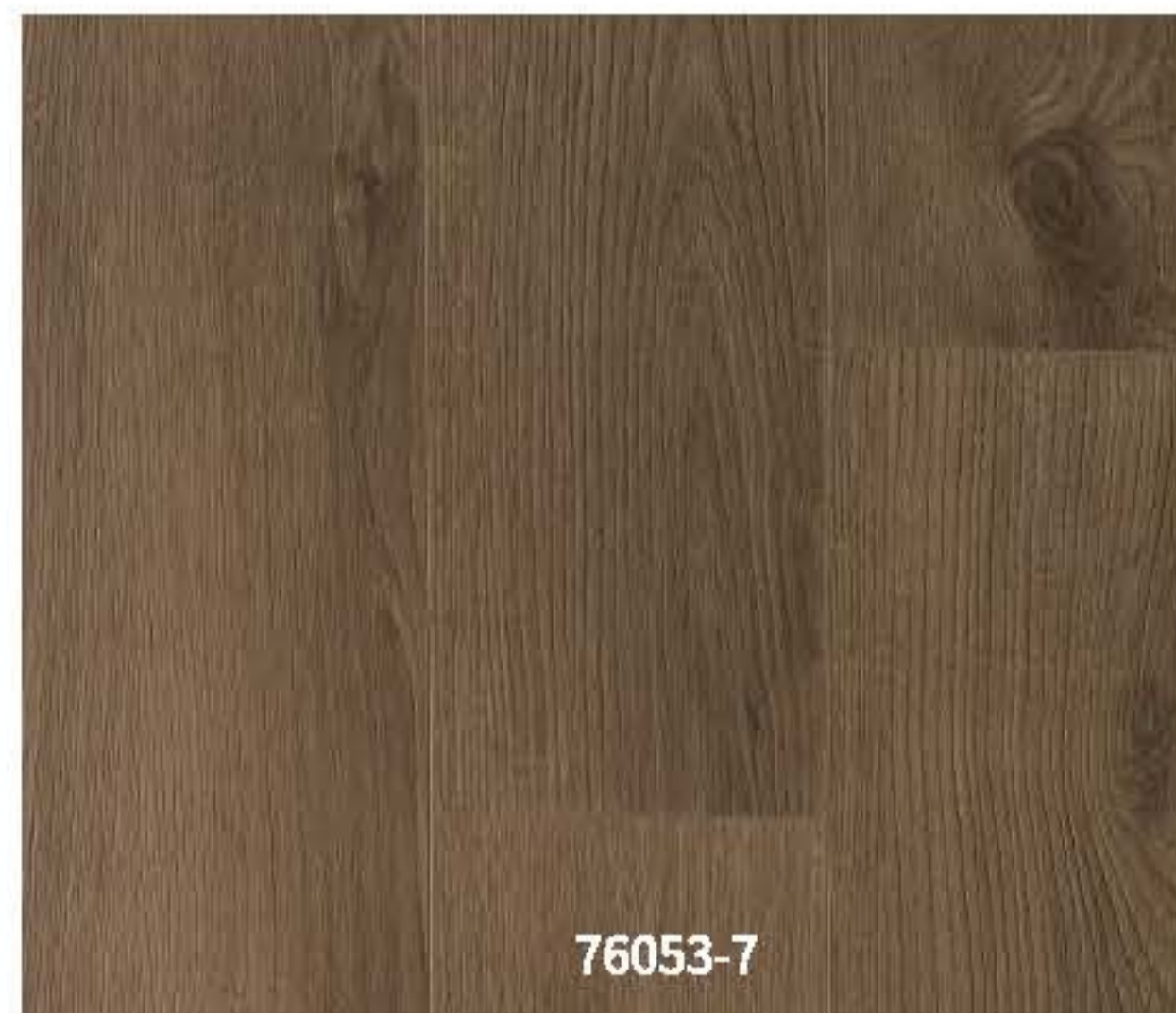
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76053-6



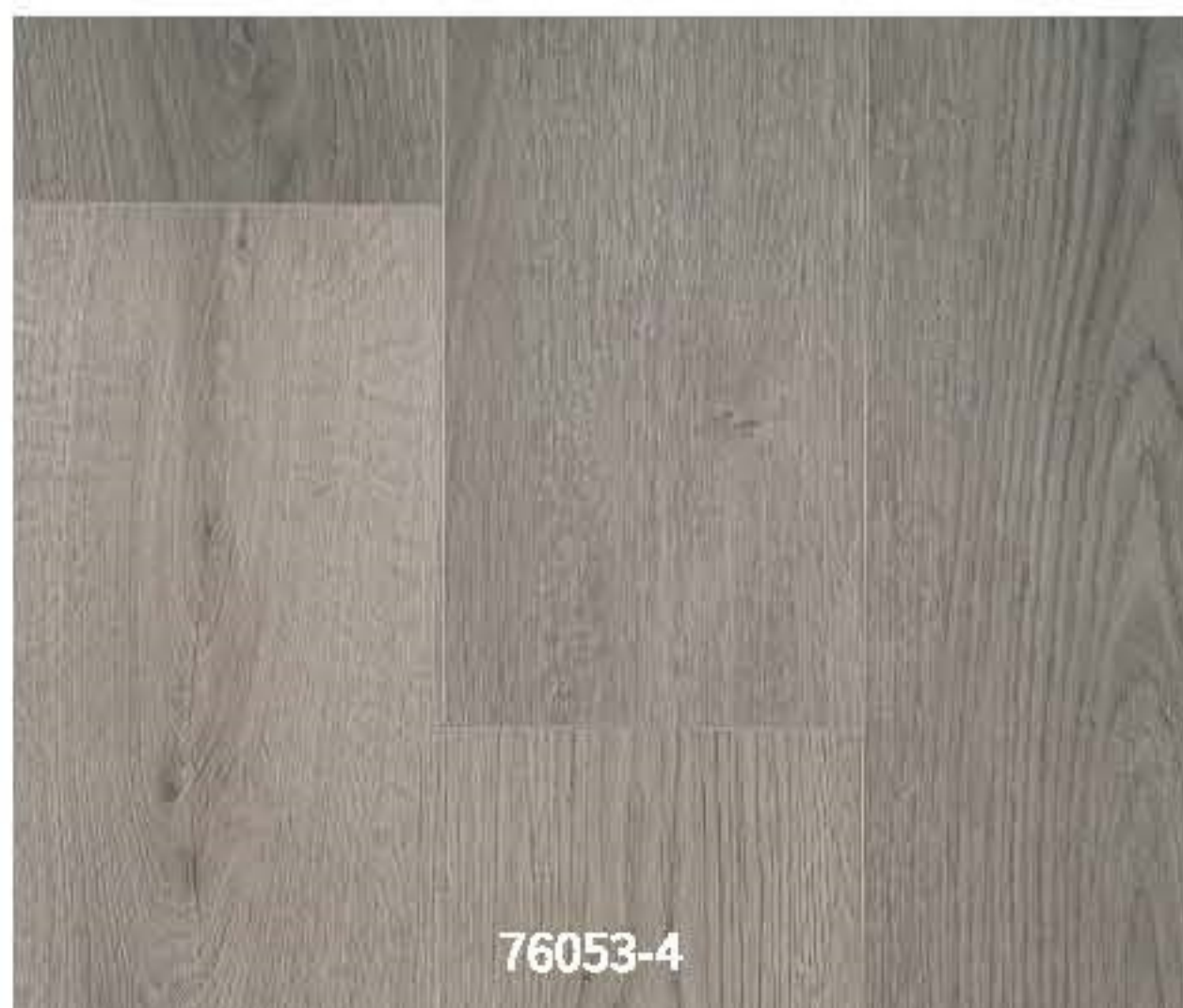
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76053-7



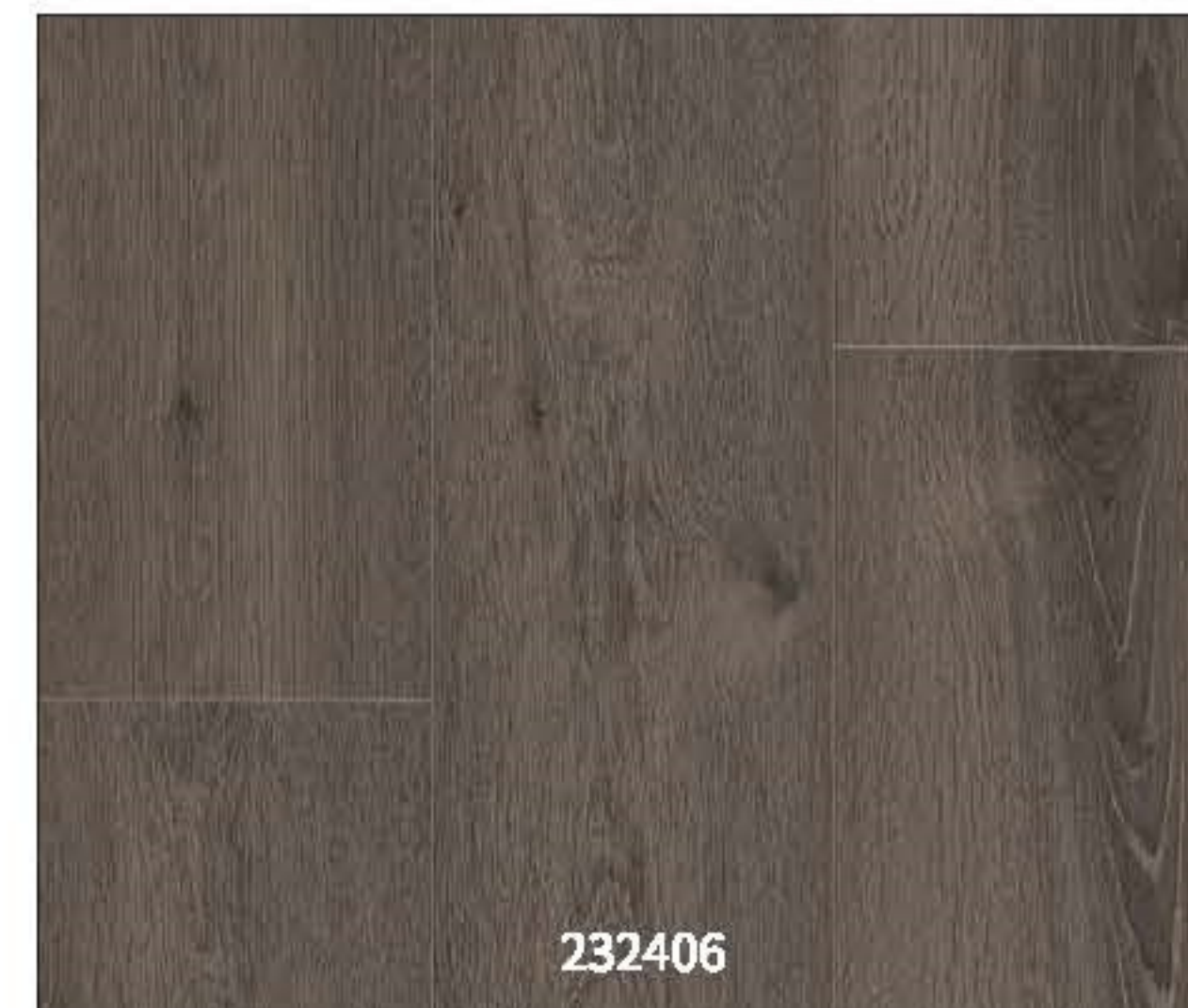
76053-8



76053-4



232403



232406





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New Materials

Terra Cotta

Beautiful wood design, 3m2 no repetition, full of wood character with a wonderful realistic look and feel. A floor is what you call a natural beauty, even in a kitchen and bathroom, as the planks are water resistant. And what's more: it's stronger than ever.

Specifications

Construction	Water-resistant Laminate
Applicable place	Indoor
Gloss	Ultramatt
Length	1215mm / 2250mm
Width	195mm / 238mm
Thickness	8mm / 10mm / 12mm
Installation method	Floating

Technical detail

Surface	EIR
Class	AC2,AC3,AC4,AC5,AC6
Air Quality	E0
Edges	4 sided V-groove
Click	2G/5G
Domestic Warranty	25 years
Commercial Warranty	5 years
Floor heating or cooling	Compatible with heating/cooling



19028-7



7706



19028-8



7705



19028-12



19028-13





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New Materials

Shangri-La

Beautiful wood design, 1860mm long patterns, full of wood character with a wonderful realistic look and feel. A floor is what you call a natural beauty, even in a kitchen and bathroom, as the planks are water resistant. And what's more: it's stronger than ever.

Specifications

Construction	Water-resistant Laminate
Applicable place	Indoor
Gloss	Ultramatt
Length	1830
Width	195mm / 238mm
Thickness	8mm / 10mm / 12mm
Installation method	Floating

Technical detail

Surface	EIR
Class	AC2,AC3,AC4,AC5,AC6
Air Quality	E0
Edges	4 sided V-groove
Click	2G/5G
Domestic Warranty	25 years
Commercial Warranty	5 years
Floor heating or cooling	Compatible with heating/cooling



WF-01



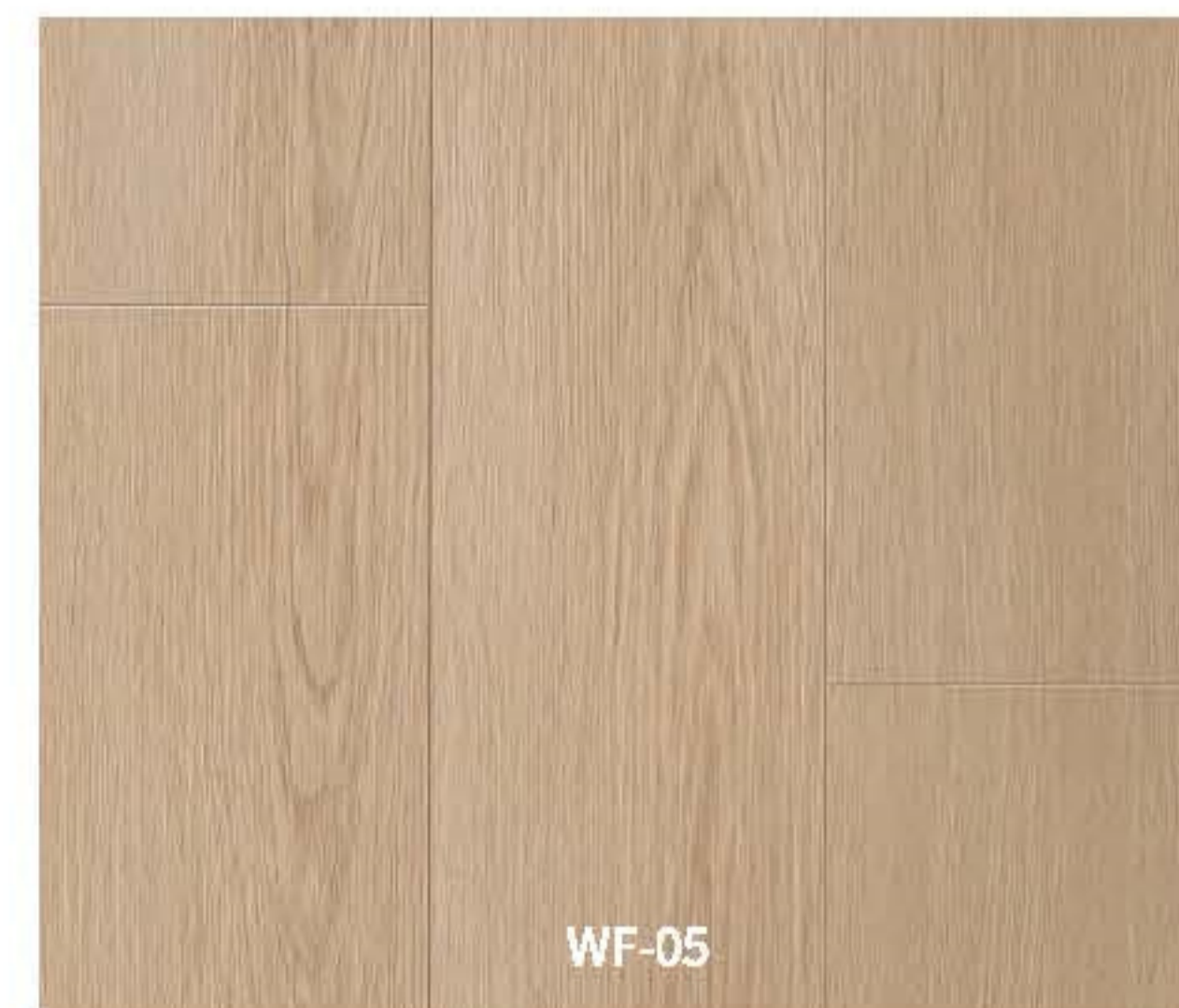
WF-02



WF-03



WF-04



WF-05



WF-01



WF-06



WF-07





CARSEM
New Materials

Mo Kao

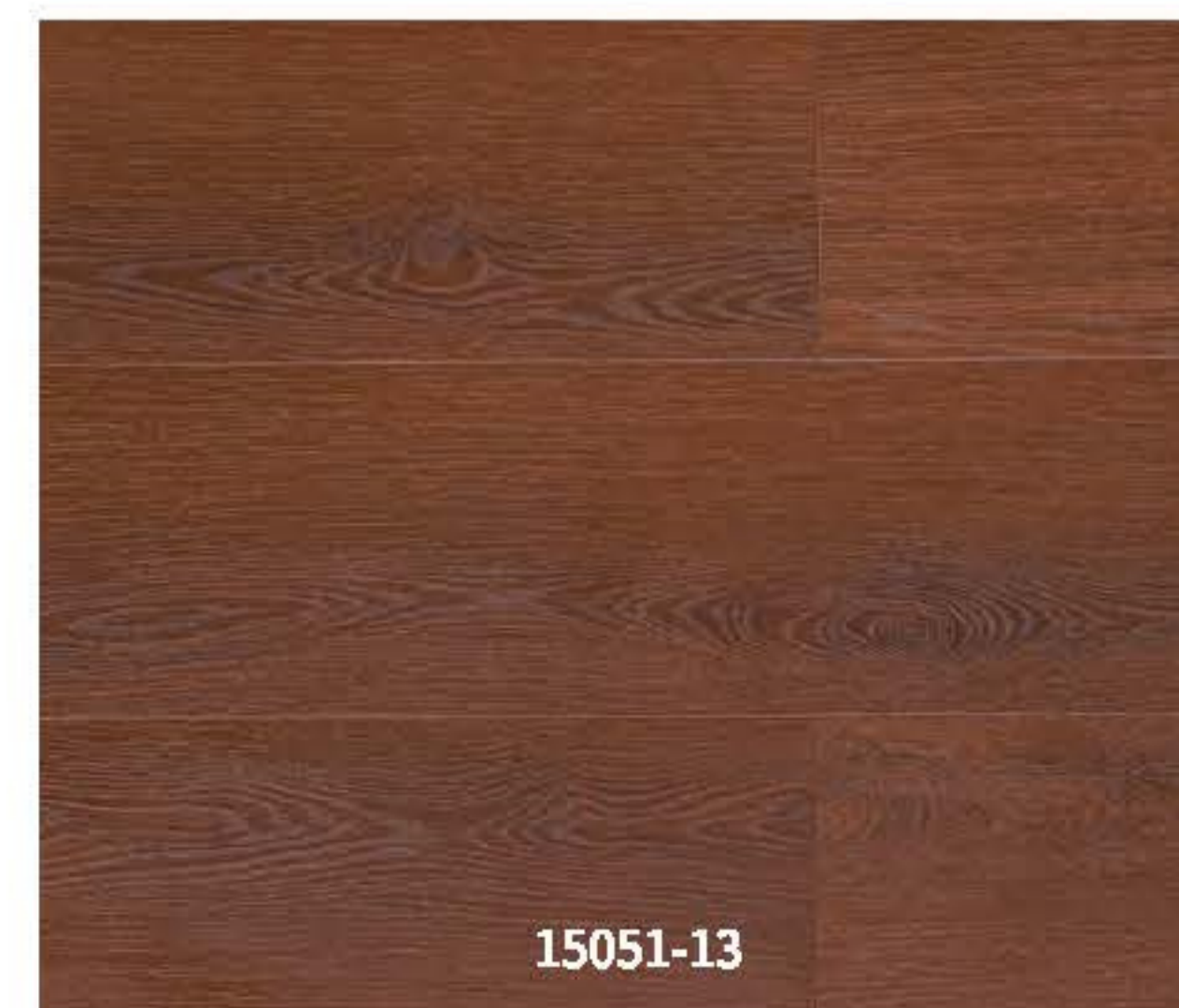
Beautiful wood design, 2 different decors intergrated, full of wood character with a wonderful realistic look and feel. A floor is what you call a natural beauty, even in a kitchen and bathroom, as the planks are water resistant. And what's more: it's stronger than ever.

Specifications

Construction	Water-resistant Laminate
Applicable place	Indoor
Gloss	Ultramatt
Length	1515mm
Width	195mm / 238mm
Thickness	8mm / 10mm/12mm
Installation method	Floating

Technical detail

Surface	EIR / Texture Line
Class	AC2,AC3,AC4,AC5,AC6
Air Quality	E0
Egdes	4 sided V-groove
Click	2G/5G
Domestic Warranty	25 years
Commercial Warranty	5 years
Floor heating or cooling	Compatible with heating/cooling





CARSEM
New Materials

Potala Palace

Beautiful wood design, 2 different decors intergrated, full of wood character with a wonderful realistic look and feel. A floor is what you call a natural beauty, even in a kitchen and bathroom, as the planks are water resistant. And what's more: it's stronger than ever.

Specifications

Construction	Water-resistant Laminate
Applicable place	Indoor
Gloss	Ultramatt
Length	1515mm
Width	195mm / 238mm
Thickness	8mm / 10mm / 12mm
Installation method	Floating

Technical detail

Surface	EIR / Texture Line
Class	AC2, AC3, AC4, AC5, AC6
Air Quality	E0
Edges	4 sided V-groove
Click	2G/5G
Domestic Warranty	25 years
Commercial Warranty	5 years
Floor heating or cooling	Compatible with heating/cooling



76045-16



76045-11



76045-13



76045-10



76045-15



76045-16





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New Materials

Pearl Tower

Beautiful wood design, full of wood character with a wonderful realistic look and feel. A floor is what you call a natural beauty, even in a kitchen and bathroom, as the planks are water resistant. And what's more: it's stronger than ever.

Specifications

Construction	Water-resistant Laminate
Applicable place	Indoor
Gloss	Ultramatt
Length	1215mm
Width	195mm / 238mm
Thickness	8mm / 10mm / 12mm
Installation method	Floating

Technical detail

Surface	EIR
Class	AC2,AC3,AC4,AC5,AC6
Air Quality	E0
Edges	4 sided V-groove
Click	2G/5G
Domestic Warranty	25 years
Commercial Warranty	5 years
Floor heating or cooling	Compatible with heating/cooling





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New Materials

The digital print

Up to 15m2 no petition, the decors in the collections consist of 30 different panels design and authentic appearance of wood thanks to digital print technology.

Specifications

Construction	Water-resistant Laminate
Applicable place	Indoor
Gloss	Ultramatt
Length	2250mm
Width	195mm / 238mm
Thickness	10mm/12mm
Installation method	Floating

Technical detail

Surface	Natural Line
Class	AC2,AC3,AC4,AC5,AC6
Air Quality	E0
Egdes	4 sided V-groove
Click	2G/5G
Domestic Warranty	25 years
Commercial Warranty	5 years
Floor heating or cooling	Compatible with heating/cooling



OK005



OK006



OK007



OK011



OK012



OK015



OK015





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New Materials

Herringbone

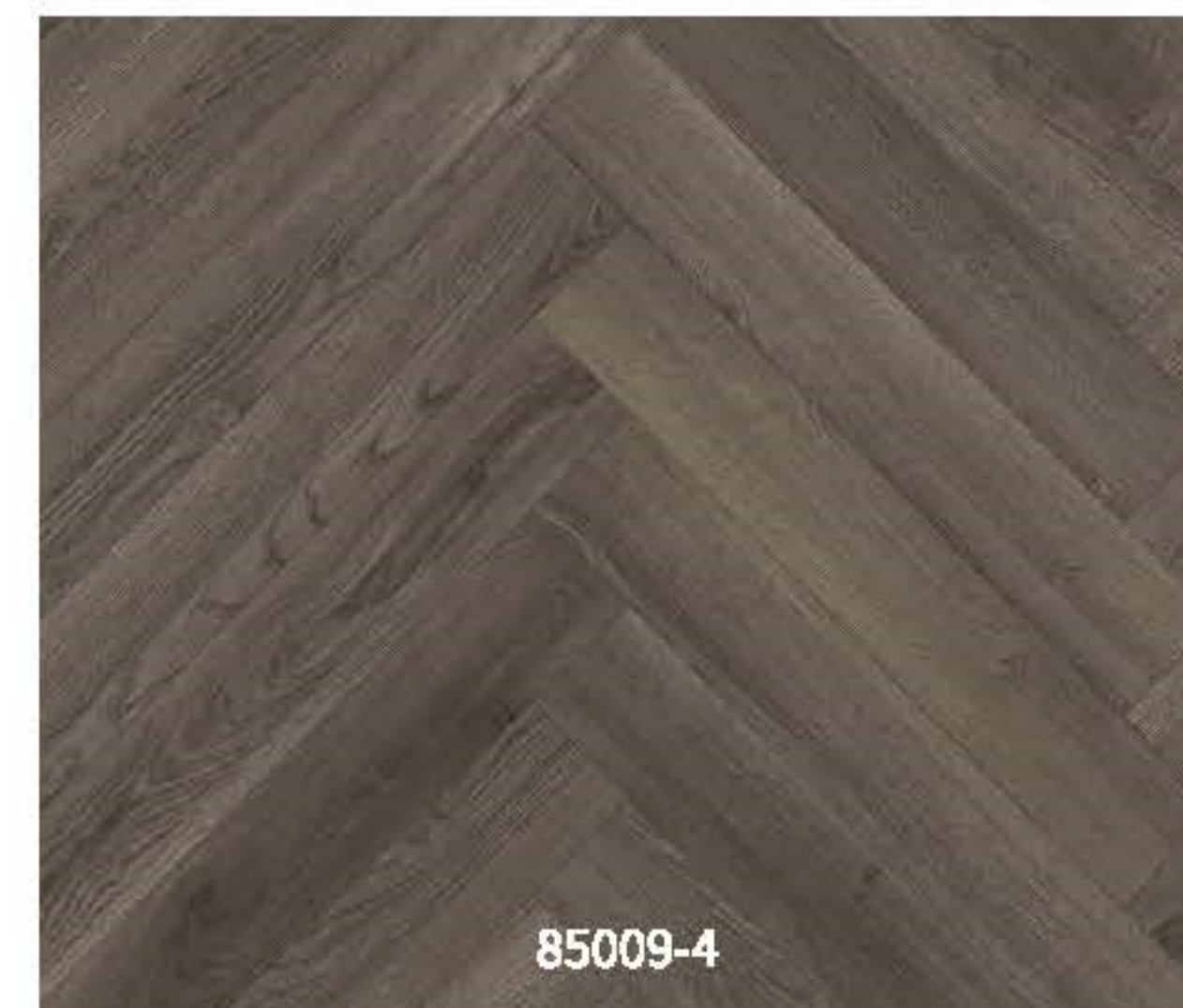
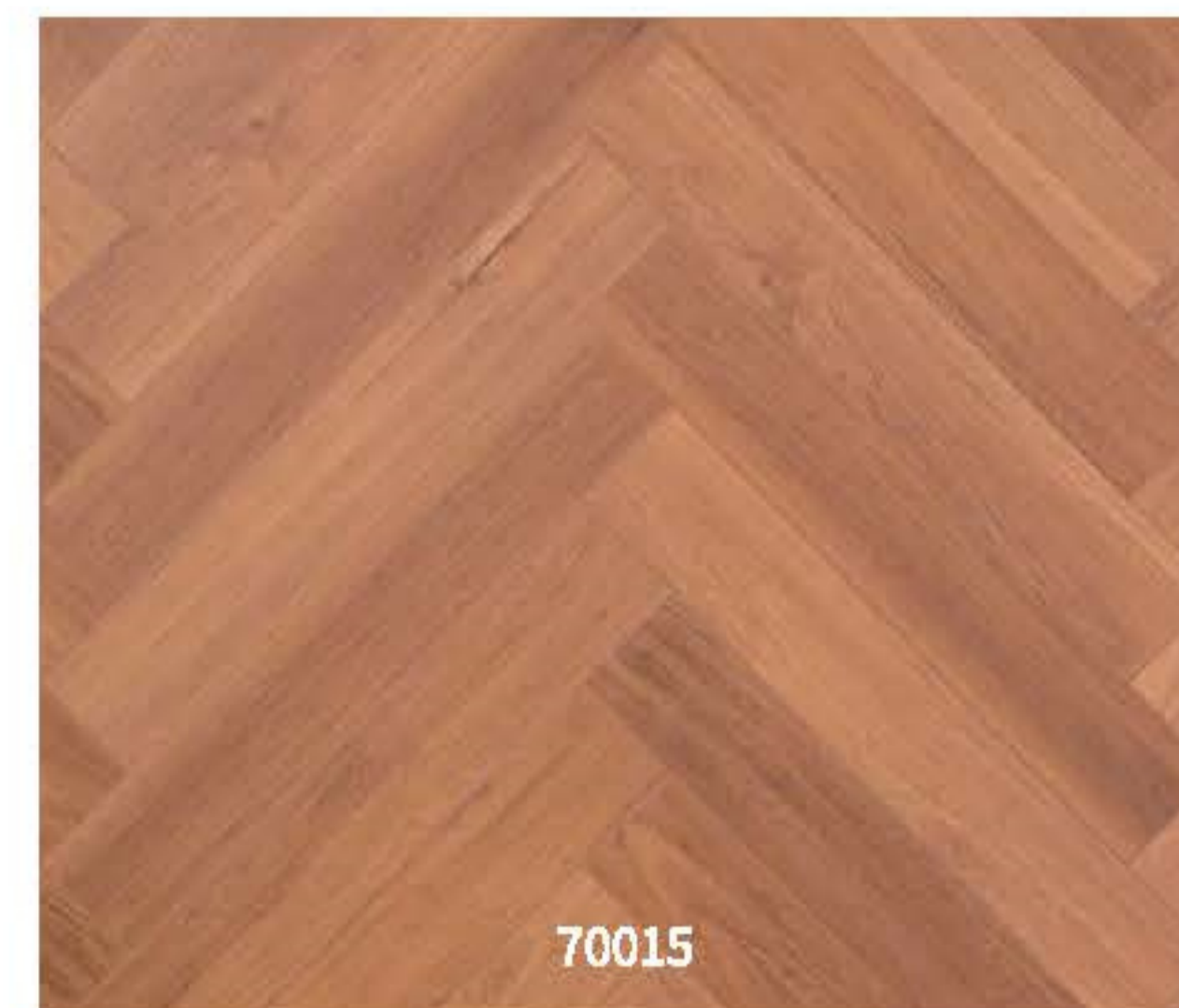
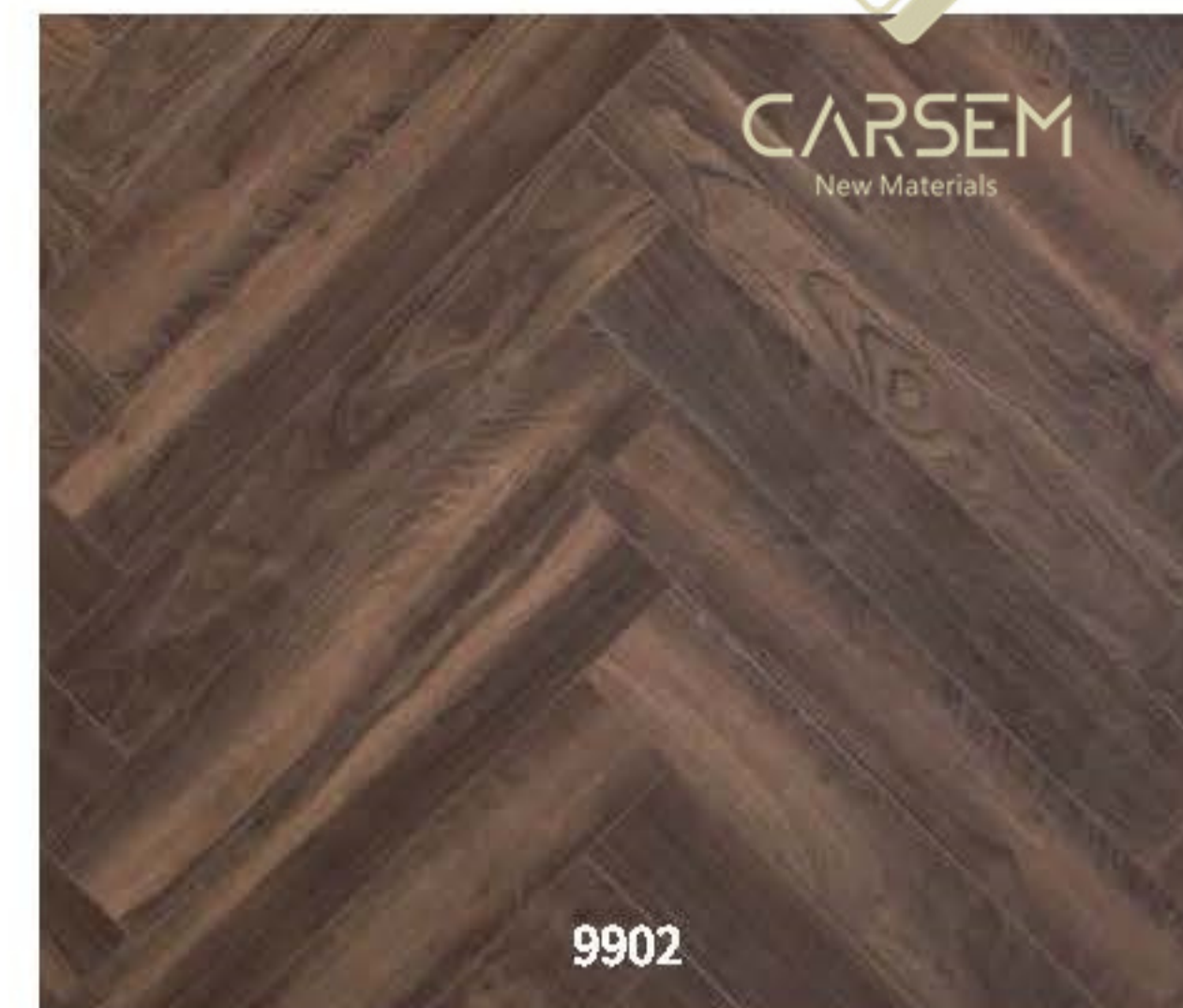
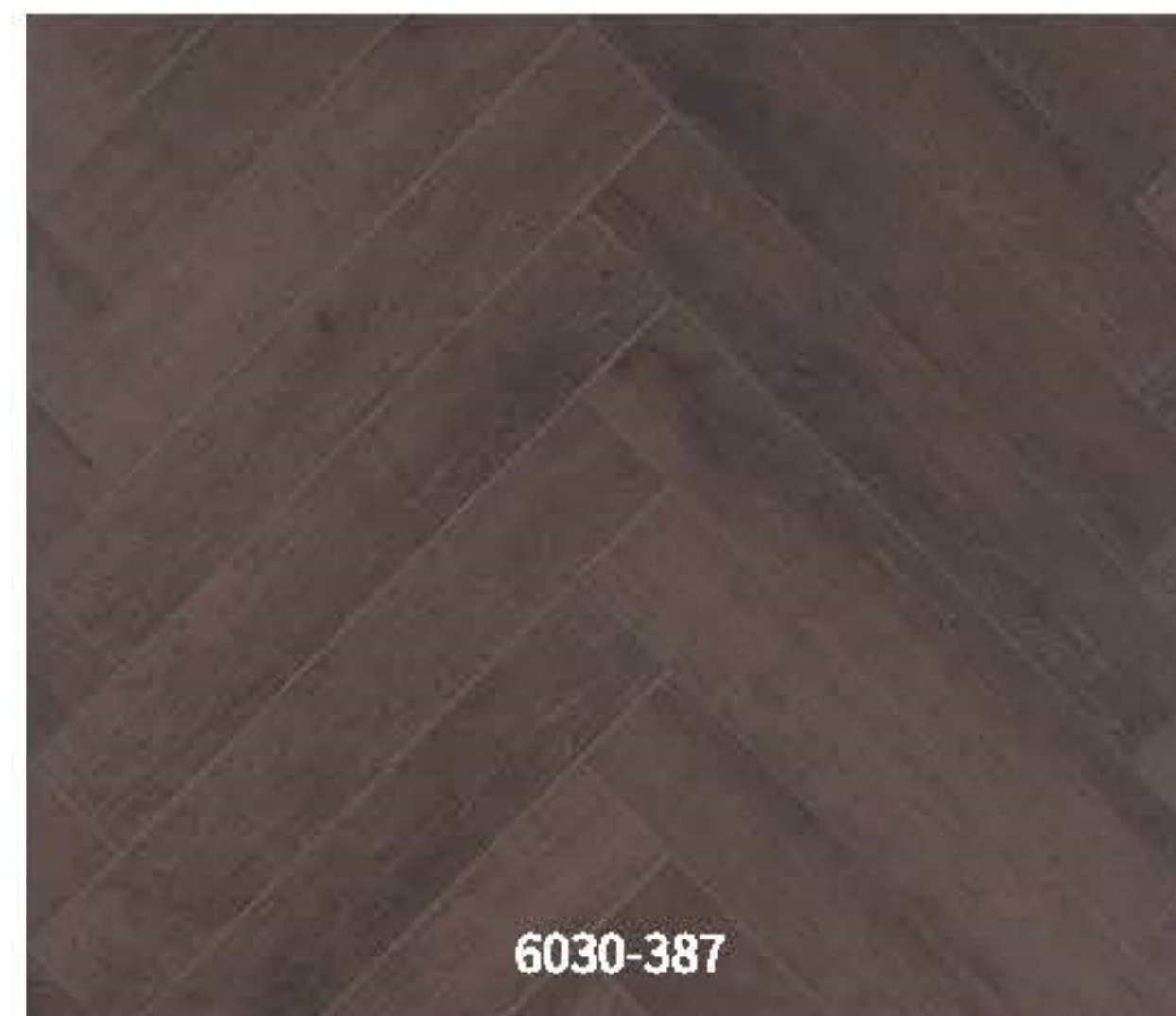
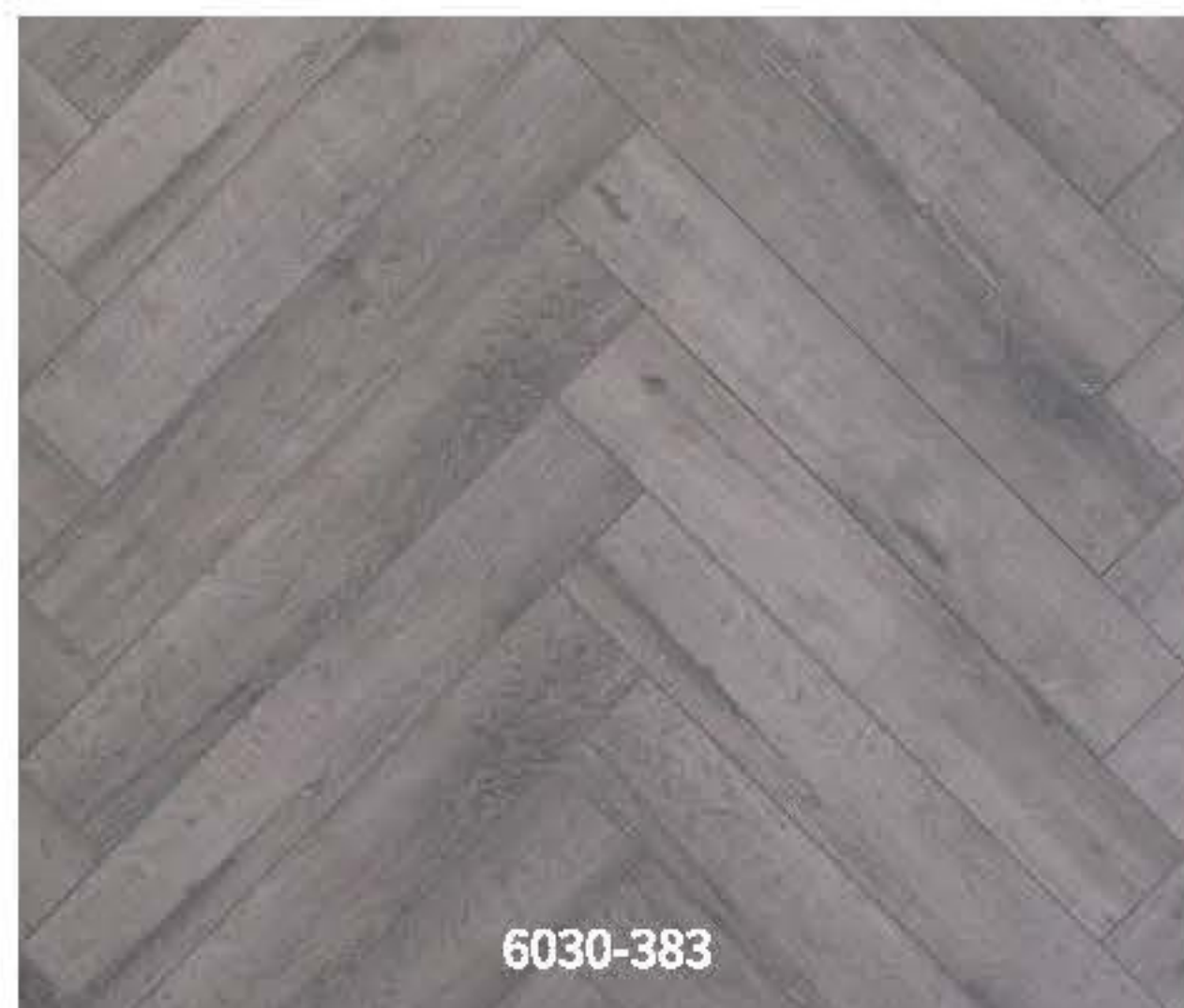
Amazing special structures, full of wood character with a wonderful realistic look and feel. Besides, the floors also can be in square shape. A floor is what you call a natural beauty, even in a kitchen and bathroom, as the planks are water resistant. And what's more: it's stronger than ever.

Specifications

Construction	Water-resistant Laminate
Applicable place	Indoor
Gloss	Ultramatt
Length	600mm
Width	100mm
Thickness	8mm /10mm/12mm
Installation method	Floating

Technical detail

Surface	EIR
Class	AC2,AC3,AC4,AC5,AC6
Air Quality	E0
Edges	4 sided V-groove
Click	2G/5G
Domestic Warranty	25 years
Commercial Warranty	5 years
Floor heating or cooling	Compatible with heating/cooling





CARSEM
New Materials

Fishmark

Exotic design, full of wood character with a wonderful realistic look and feel. A floor is what you call a natural beauty, even in a kitchen and bathroom, as the planks are water resistant. And what's more: it's stronger than ever.

Specifications

Construction	Water-resistant Laminate
Applicable place	Indoor
Gloss	Ultramatt
Length	1220mm
Width	300mm
Thickness	8mm /10mm/12mm
Installation method	Floating

Technical detail

Surface	EIR
Class	AC2,AC3,AC4,AC5,AC6
Air Quality	E0
Egdes	4 sided V-groove
Click	2G/5G
Domestic Warranty	25 years
Commercial Warranty	5 years
Floor heating or cooling	Compatible with heating/cooling



Laminate Specifications

Molding

They are vital parts of the floors. Not only do they beautify the floors, but they also protect the floors and extend the lifespan. Surdecor is by your side from preparation till perfect finish with quality accessories.

Dimensions	
Length	length +/-0.50mm
Width	width +/-0.50 mm
Thickness	thickness +/-0.50mm
Bowing	Max 1% of overall length, Max 0.2% of overall width
Upward warping	Max 0.5% of overall length, Max 0.15% of overall width
Squareness	Max 0.10mm
Gap	Max 0.10mm
High-difference	Max 0.10 mm
Appearance Defects	
Frosting mark	None allowed
Water mark	None allowed
Spots	None allowed
Splits of impregnated paper	None allowed
Baseboard exposure due to defective surface	None allowed
Dents	slightly allowed, must not affect the appearance.
Blisters	None allowed
Intrusions	None allowed
Delamination	None allowed
Gloss unevenness	None allowed
Color mismatching	None allowed
Technical data	
Bending strength	≥35 Mpa
Internal bonding strength	≥1 Mpa
Moisture content	≤8%
Density	≥880g/cm ³
Formaldehyde emission	≤E1
Thickness swelling	≤16%
Impact resistance	≤10
Resistance to stain	No visible change
Resistance to cigarette burn	No visible change
Resistance to vapor	No visible change
Resistance to scratch	≥2.0N, no visible change
Surface bonding strength	≥1 Mpa
Abrasion resistance (EN13329)	AC1≥800
	AC2≥1500
	AC3≥2500
	AC4≥4000
	AC5≥6000
	AC6≥9000



Stair-nose
2400*18*55



Skirting
2400*15*80



Skirting
2400*15*90



Flush Stairnose
2400*25*115



Skirting
2400*15*70



End-Cap
2400*12*20



T-moulding
2400*12*45



Reducer
2400*15*45



Quarter round
2400*15*28