

Wood

Porcelain Tiles



RAK
CERAMICS

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RAK
CERAMICS



Wood

Be inspired by wood effect tiles

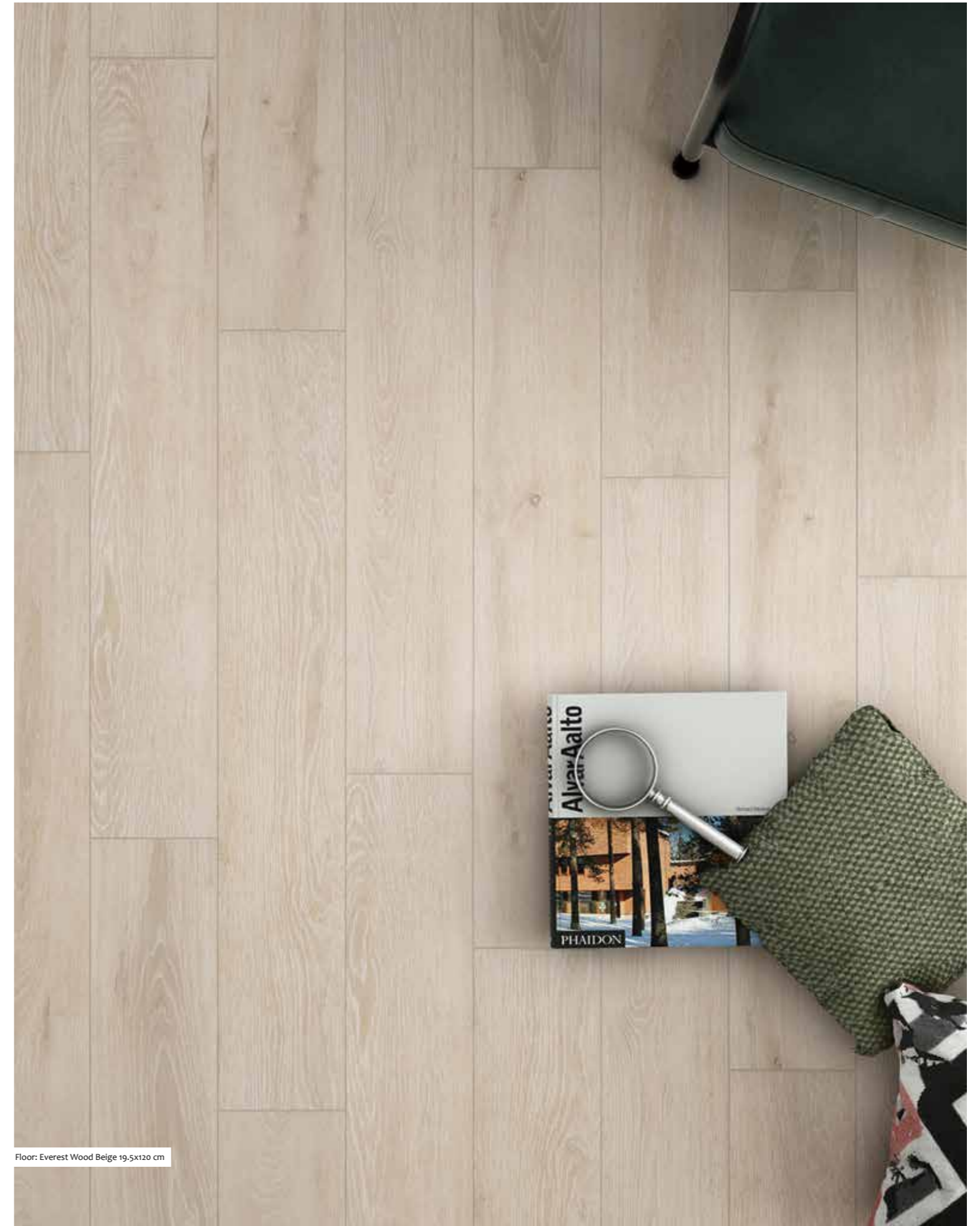
Natural-looking tiles are one of the key trends for indoor and outdoor floor and wood is one of the most popular choice thanks to its versatility and beauty. Combining the aesthetic quality of natural timber with the durability of porcelain tiles, wood effect tiles are the perfect option when replacing a floor in a renovation project or laying a new floor in a newly built property, as it helps in creating your own personal style.

Parquet floor tiles can give any room the elegant look of hardwood, in an eco-friendly new way. It's waterproof, highly resistant to scratches and chemicals, easy to clean and resistant to heat and frost. It definitely looks like a good idea!

Everest Wood



Floor: Everest Wood Grey 19,5x120 cm



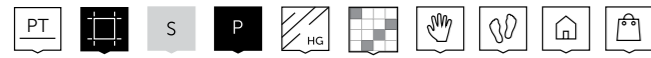
Floor: Everest Wood Beige 19,5x120 cm



Everest Wood

Floor: Everest Wood Dark Brown 19,5x120 cm

Everest Wood



everest wood light grey



everest wood grey



everest wood ivory



everest wood light beige



everest wood beige



everest wood dark brown



Floor: Everest Wood Ivory 19.5x120 cm

Sizes

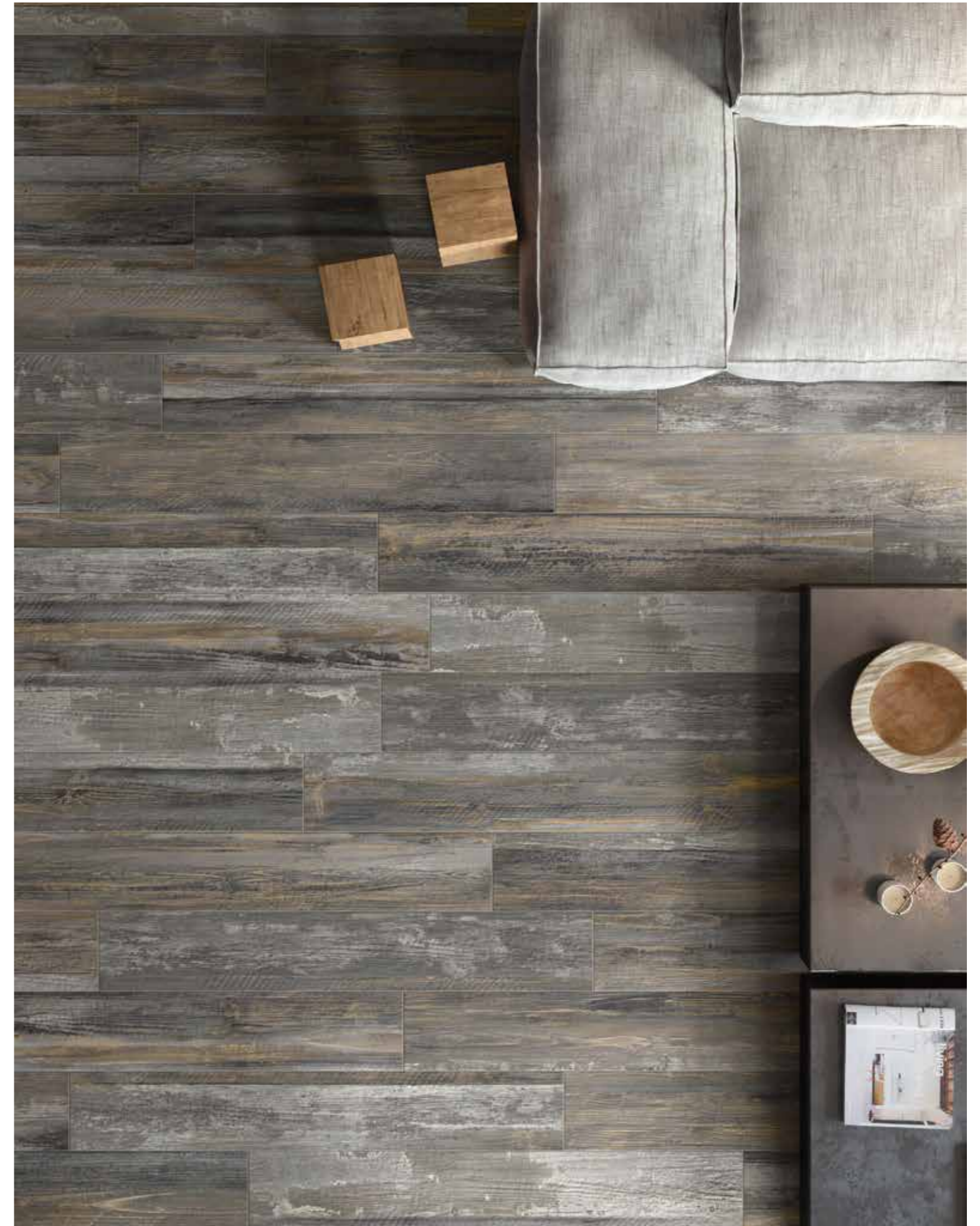
19.5x120 cm
7.67"x 47.24"



Name	Code	Size(CM)
everest wood light grey	AggGEVED#LIG.NoX5P	19.5x120
everest wood grey	AggGEVED#GRY.NoX5P	19.5x120
everest wood ivory	AggGEVED#IVO.NoX5P	19.5x120
everest wood light beige	AggGEVED#LBE.NoX5P	19.5x120
everest wood beige	AggGEVED#BEE.NoX5P	19.5x120
everest wood dark brown	AggGEVED#DBR.NoX5P	19.5x120

Sizes (cm)	Thickness (mm)	Pieces X	M ² X	Kg X	X Eu. Pallet	M ² X Eu. Pallet	kg X Eu. Pallet
19.5x120	9	5	1.17	25.00	36	42.12	921.00

Laguna Cement Wood



Laguna Cement Wood



Floor: Laguna Cement Wood Gold Grey 19.5x120 cm

Laguna Cement Wood



laguna cement wood light grey



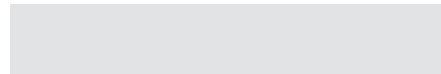
laguna cement wood grey



laguna cement wood gold grey

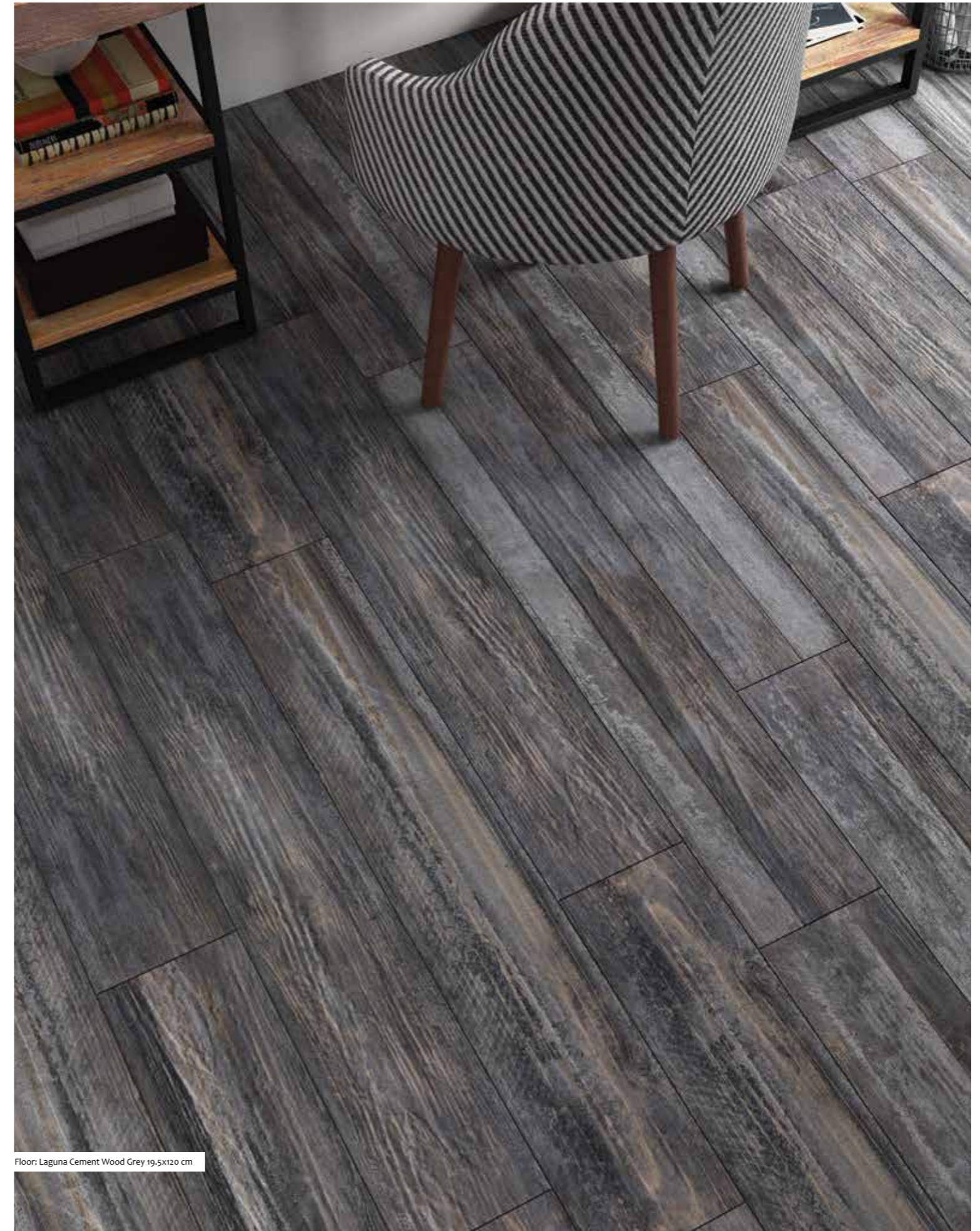
Sizes

19.5x120 cm
7.67" x 47.24"



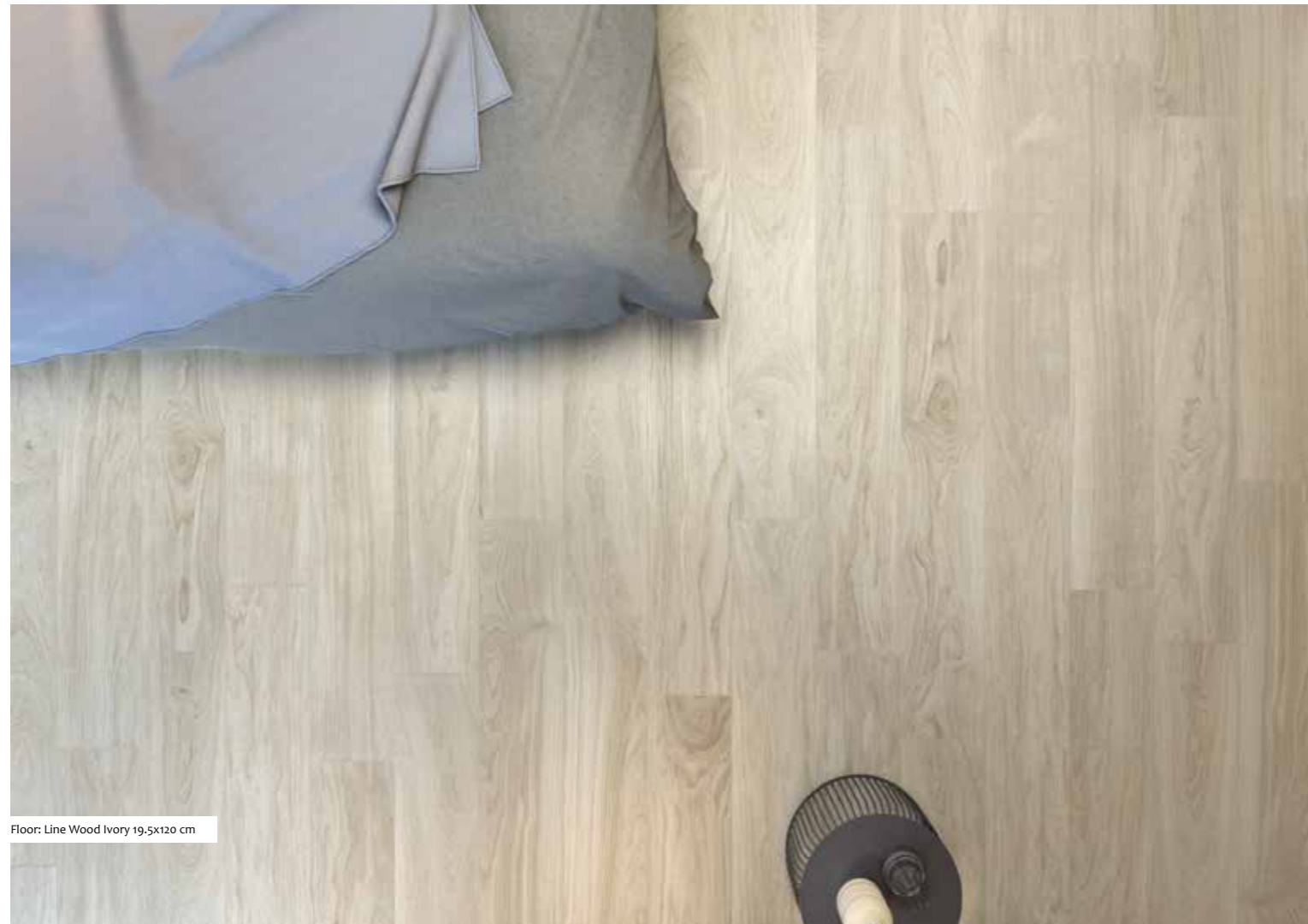
Name	Code	Size(CM)
laguna cement wood light grey	AGX2HLGCWLIQKMLS5R	19.5x120
laguna cement wood grey	AGX2HLGCWGRYKMLS5R	19.5x120
laguna cement wood gold grey	AGX2HLGCWGGYKMLS5R	19.5x120

Sizes (cm)	Thickness (mm)	Pieces X	M² X	Kg X	X Eu. Pallet	M² X Eu. Pallet	kg X Eu. Pallet
19.5x120	9	5	1.17	25.00	36	42.12	921.00

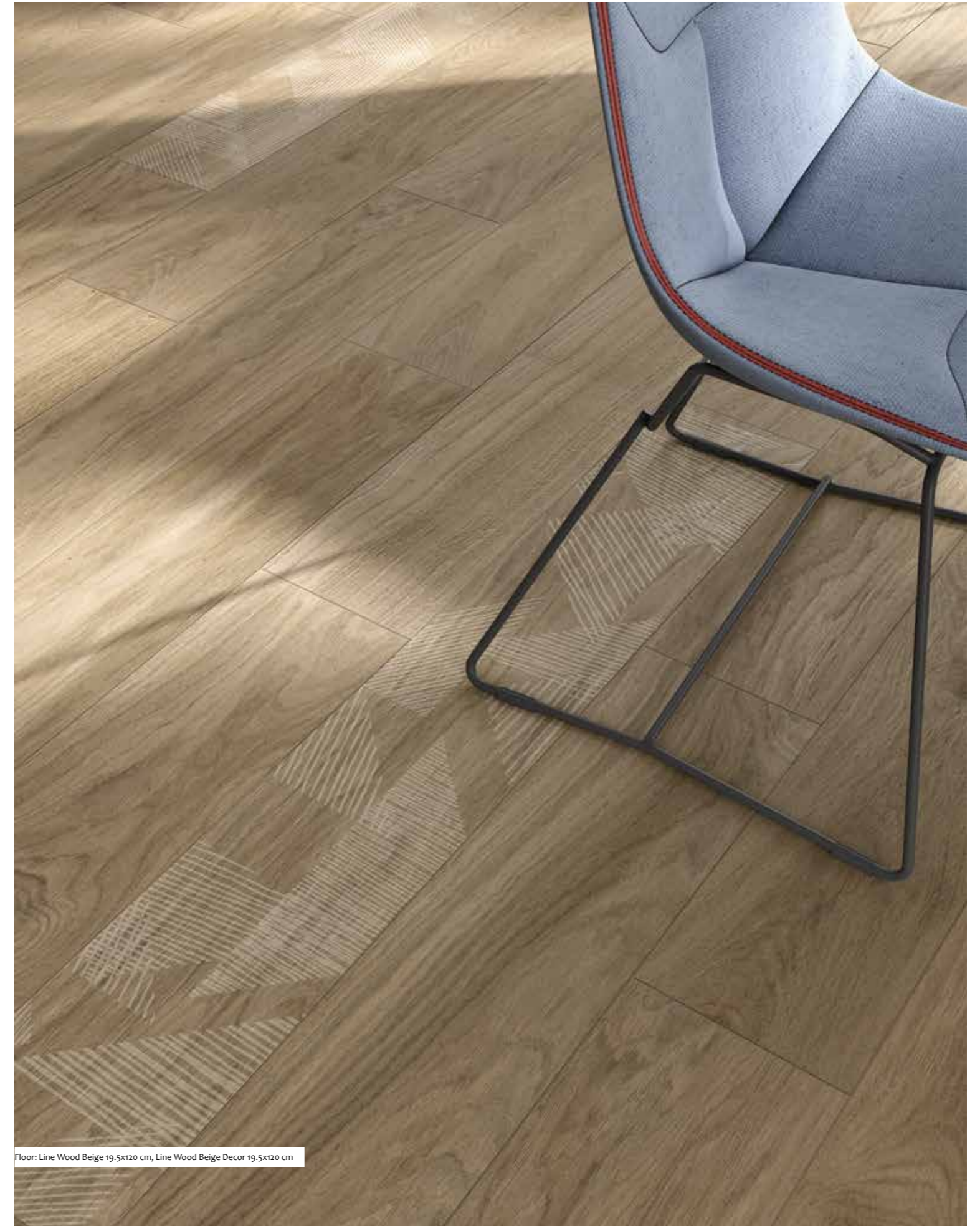


Floor: Laguna Cement Wood Grey 19.5x120 cm

Line Wood



Floor: Line Wood Ivory 19,5x120 cm



Floor: Line Wood Beige 19,5x120 cm, Line Wood Beige Decor 19,5x120 cm



Line Wood

Floor: Line Wood Beige 19,5x120 cm, Line Wood Beige Decor 19,5x120 cm



Line Wood

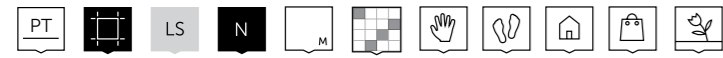
Wall: Line Wood Ivory Decor 1 20x23 cm. Floor: Line Wood Ivory 19,5x120 cm

Line Wood



Floor: Line Wood Dark Beige 19,5x120 cm R11

Line Wood



line wood Ivory



line wood beige



line wood dark beige



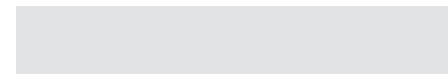
line wood brown



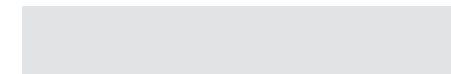
line wood dark brown

Sizes

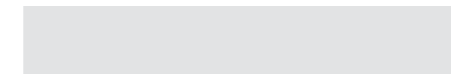
19.5x120 cm
7.67" x 47.24"



decor
19.5x120 cm
7.67" x 47.24"



Outdoor
19.5x120 cm
7.67" x 47.24"



line wood Ivory decor



line wood beige decor



line wood dark beige decor



line wood brown decor

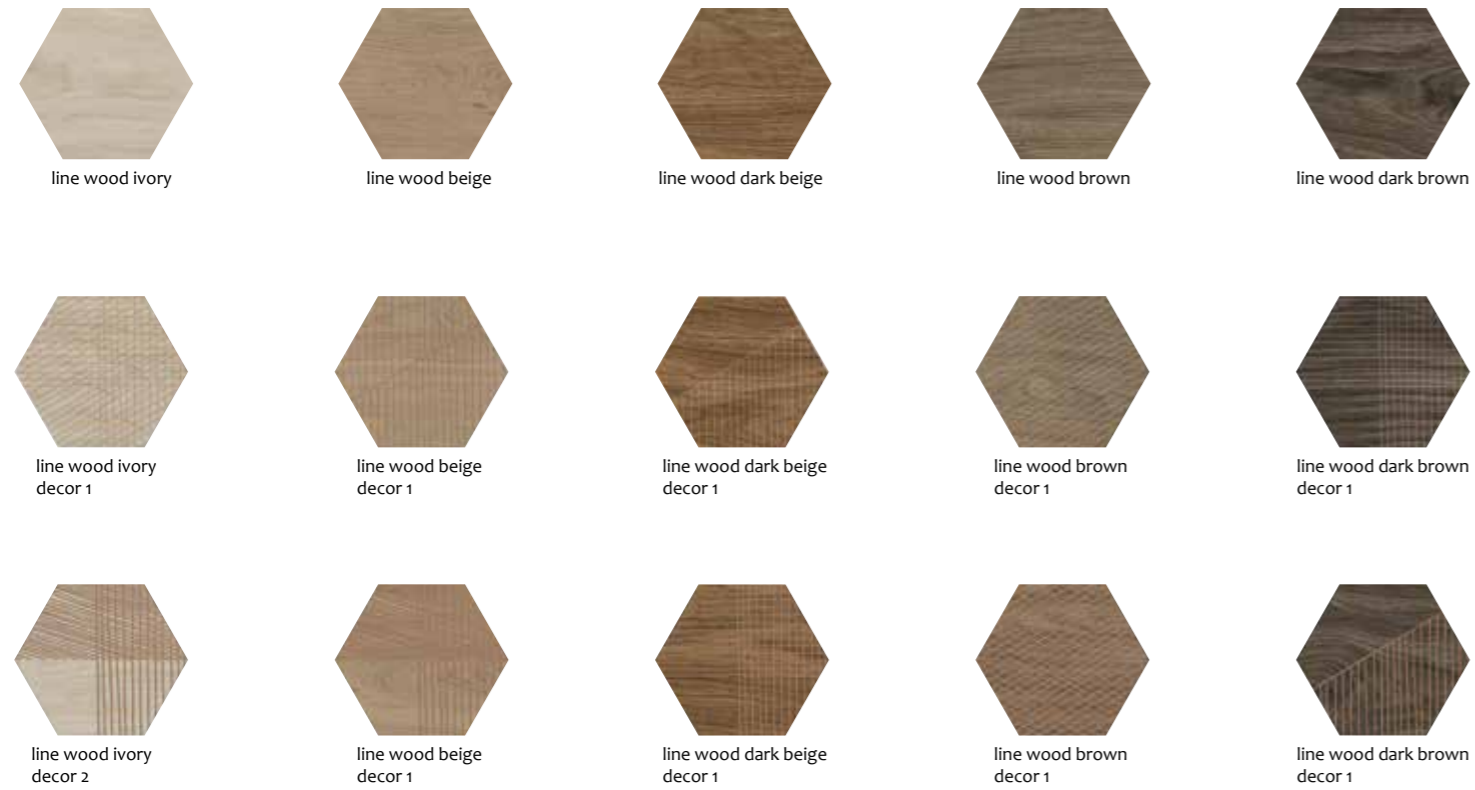


line wood dark brown decor

Name	Code	Size(CM)	Code	Size(CM)	Name	Code	Size(CM)
line wood ivory	AggGZLNW#IVo.W2S5R	19.5x120	AggGZLNW#IVo.WY55R	19.5x120	line wood ivory decor	AggGZLNW#IVo.WDS5R	19.5x120
line wood beige	AggGZLNW#BEo.W2S5R	19.5x120	AggGZLNW#BEo.WY55R	19.5x120	line wood beige decor	AggGZLNW#BEo.WDS5R	19.5x120
line wood dark beige	AggGZLNW#DBE.W2S5R	19.5x120	AggGZLNW#DBE.WY55R	19.5x120	line wood dark beige decor	AggGZLNW#DBE.WDS5R	19.5x120
line wood brown	AggGZLNW#BRo.W2S5R	19.5x120	AggGZLNW#BRo.WY55R	19.5x120	line wood brown decor	AggGZLNW#BRo.WDS5R	19.5x120
line wood dark brown	AggGZLNW#DBR.W2S5R	19.5x120	AggGZLNW#DBR.WY55R	19.5x120	line wood dark brown decor	AggGZLNW#DBR.WDS5R	19.5x120

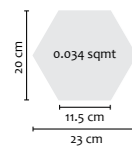
Size (cm)	Thickness (mm)	Pieces X	M ² X	Kg X	X Eu. Pallet	M ² X Eu. Pallet	Kg X Eu. Pallet
19.5x120	9	5	1.17	25.00	36	42.12	921.00

Line Wood



Sizes

20x23 cm / 7.87x9.05



Name	Code	Size(CM)	Name	Code	Size(CM)	Name	Code	Size(CM)
line wood ivory	A23SZLNW-IVo.M2U	20x23	line wood ivory decor 1	A23SZLNW-IVo.MDU	20x23	line wood ivory decor 2	AED20ZLNW-IV7/23	20x23
line wood beige	A23SZLNW-BEo.M2U	20x23	line wood beige decor 1	A23SZLNW-BEo.MDU	20x23	line wood beige decor 2	AED20ZLNW-BE7/23	20x23
line wood dark beige	A23SZLNW-DBE.M2U	20x23	line wood dark beige decor 1	A23SZLNW-DBE.MDU	20x23	line wood dark beige decor 2	AED20ZLNW-DBE7/23	20x23
line wood brown	A23SZLNW-BRo.M2U	20x23	line wood brown decor 1	A23SZLNW-BRo.MDU	20x23	line wood brown decor 2	AED20ZLNW-BR7/23	20x23
line wood dark brown	A23SZLNW-DBR.M2U	20x23	line wood dark brown decor 1	A23SZLNW-DBR.MDU	20x23	line wood dark brown decor 2	AED20ZLNW-DBR7/23	20x23



Wall: Line Wood Ivory Decor 1 20x23 cm

Marina Wood



Floor: Marina Wood Brown 19,5x120 cm



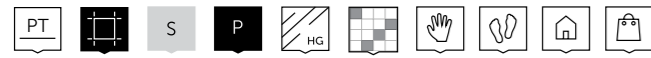
Floor: Marina Wood White 19,5x120 cm

Marina Wood



Floor: Marina Wood Cherry 19.5x120 cm

Marina Wood



marina wood white



marina wood light grey



marina wood honey



marina wood oak



marina wood nut



marina wood brown



marina wood cherry



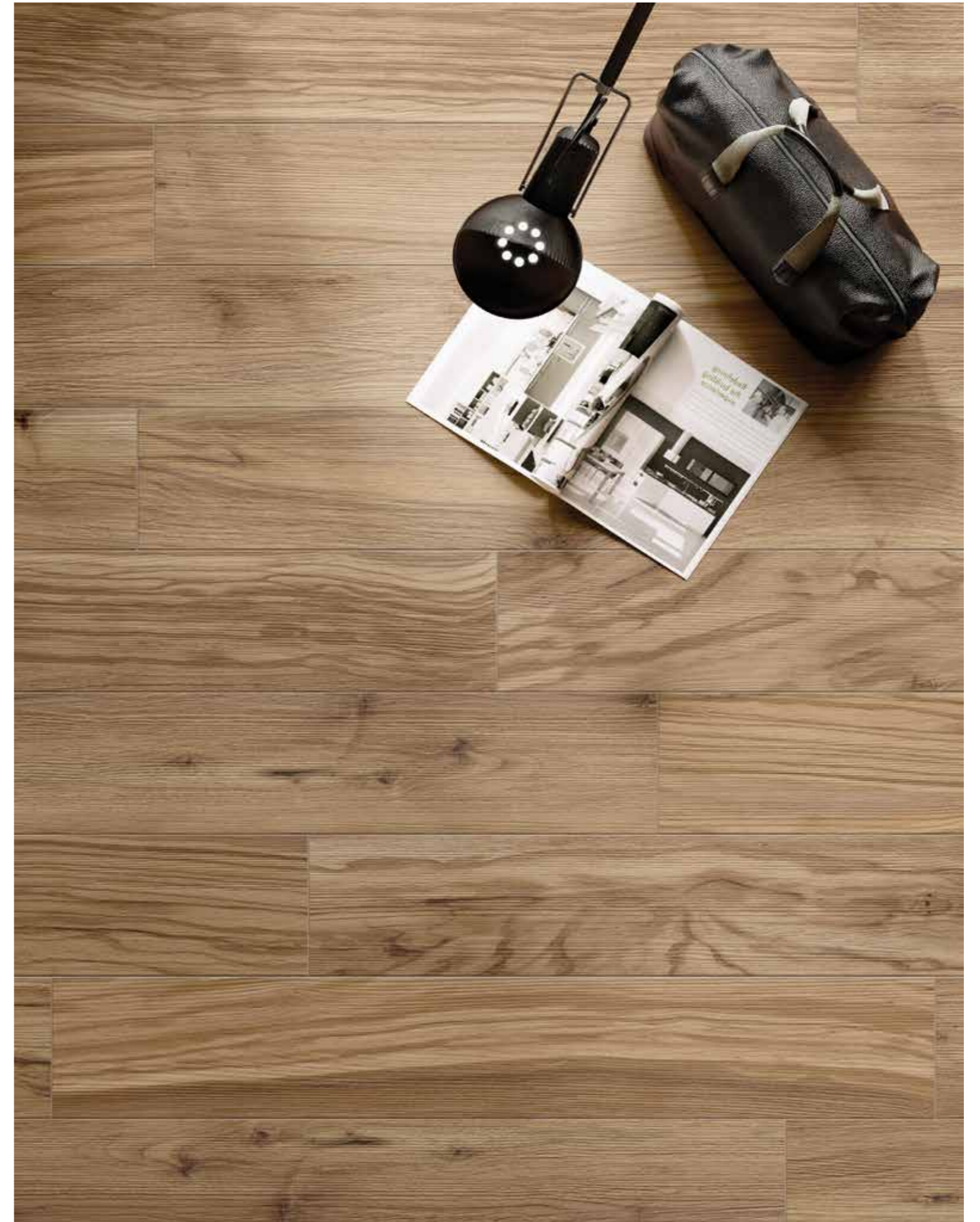
Sizes

19.5x120 cm
7.67"x 47.24"

Name	Code	Size(CM)
marina wood white	A99GZMRW#WHE.NoX5P	19.5x120
marina wood light grey	A99GZMRW#LIG.NoX5P	19.5x120
marina wood honey	A99GZMRW#HNY.NoX5P	19.5x120
marina wood oak	A99GZMRW#OAK.NoX5P	19.5x120
marina wood nut	A99GZMRW#NUT.NoX5P	19.5x120
marina wood brown	A99GZMRW#BRN.NoX5P	19.5x120
marina wood cherry	A99GZMRW#CRR.NoX5P	19.5x120

Sizes (cm)	Thickness (mm)	Pieces X	M ² X	Kg X	X Eu. Pallet	M ² X Eu. Pallet	kg X Eu. Pallet
19.5x120	9	5	1.17	25.00	36	42.12	921.00

Mix Wood





Mixwood

Floor: Mix Wood Olive 19,5x120 cm

Mix Wood



mix wood ash



mix wood olive



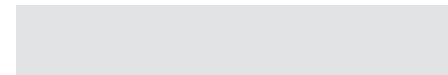
mix wood pine



mix wood wenge

Sizes

19.5x120 cm
7.67" x 47.24"



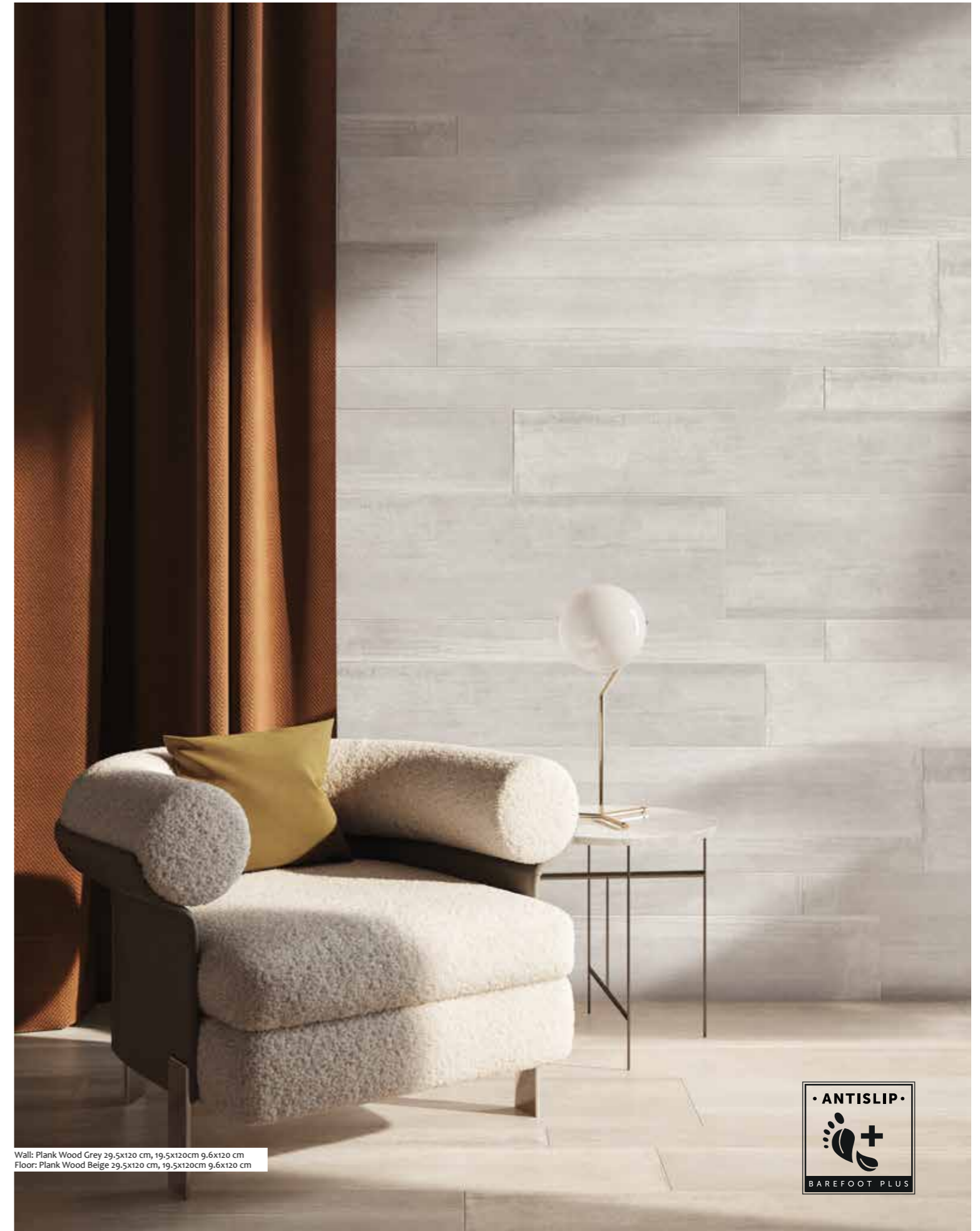
Name	Code	Size(CM)
mix wood ash	AGX2HMXWDASHZMHS5R	19.5x120
mix wood olive	AGX2HMXWDOLEZMHS5R	19.5x120
mix wood pine	AGX2HMXWDPIEZMHS5R	19.5x120
mix wood wenge	AGX2HMXWDWGEZMHS5R	19.5x120

Sizes (cm)	Thickness (mm)	Pieces X	M ² X	Kg X	X Eu. Pallet	M ² X Eu. Pallet	kg X Eu. Pallet
19.5x120	9	5	1.17	25.00	36	42.12	921.00



Floor: Mix Wood Pine 19.5x120 cm

Plank Wood



Plank Wood



Wall: Plank Wood Grey 29,5x120 cm, 19,5x120cm 9,6x120 cm
Floor: Plank Wood Beige 29,5x120 cm, 19,5x120cm 9,6x120 cm

Plank Wood



plank wood white



plank wood bone



plank wood ivory



plank wood beige



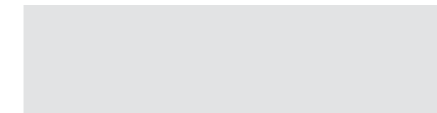
plank wood grey



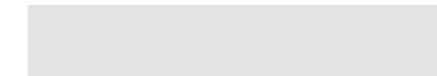
plank wood black

Sizes

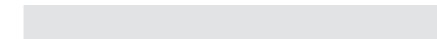
29.5x120 cm
11.61" x 47.24"



19.5x120 cm
7.67" x 47.24"



9.6x120 cm
3.77" x 47.24"



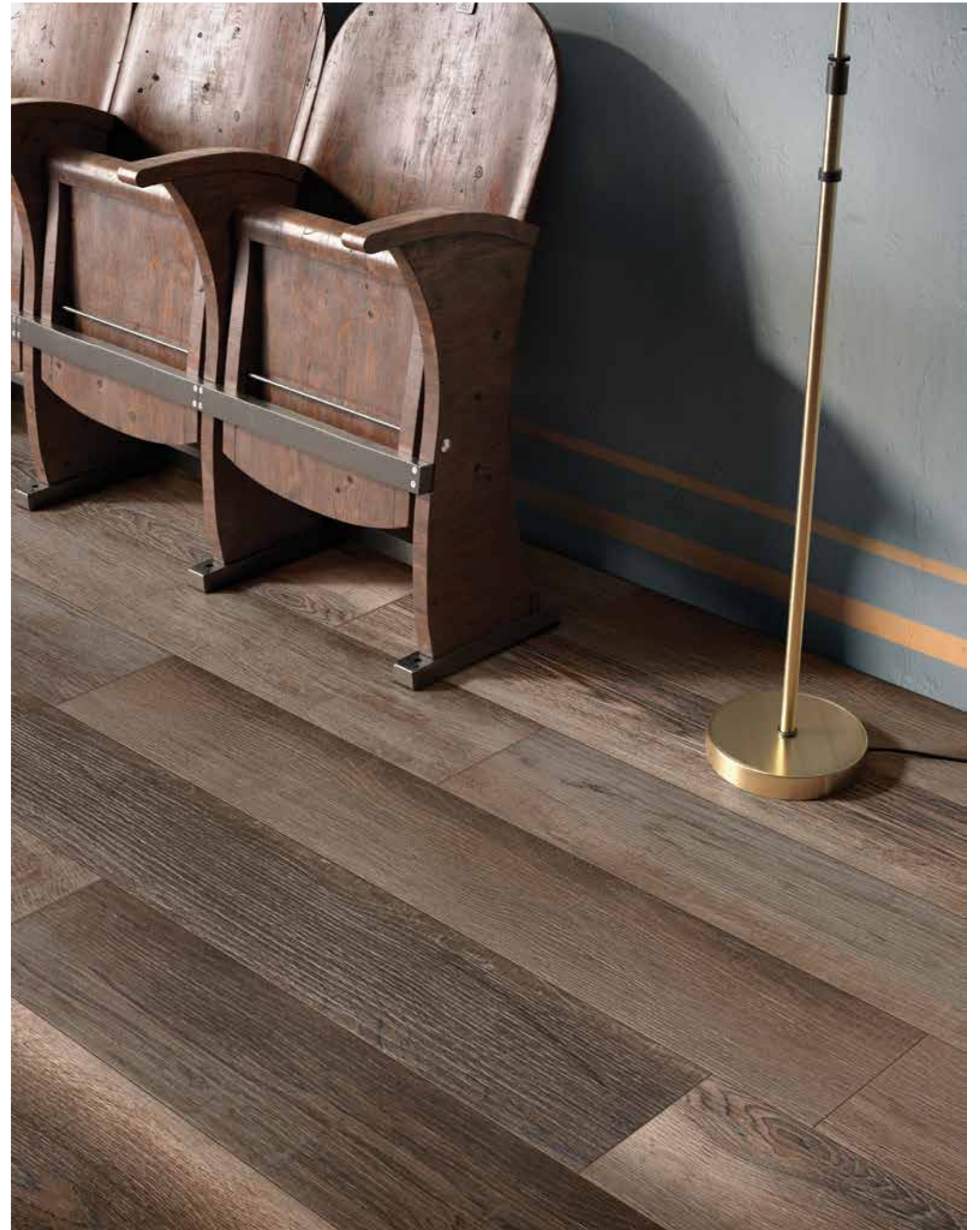
The Antislip Barefoot + technology gives porcelain tiles excellent non-slip performance and pleasant feel, with a special roughness imperceptible to the touch.

All products equipped with the Antislip Barefoot + technology become **ANTISLIP** in wet conditions, that makes these tiles a must have for indoor areas subject to moisture and outdoor applications.

Name	Code	Size(CM)	Code	Size(CM)	Code	Size(CM)
plank wood white	A96GPKWD#WHE.A7X5R	29.5x120	A99GPKWD#WHE.A7X5R	19.5x120	A97GPKWD#WHE.A7X5R	9.6x120
plank wood bone	A96GPKWD#BNE.A7X5R	29.5x120	A99GPKWD#BNE.A7X5R	19.5x120	A97GPKWD#BNE.A7X5R	9.6x120
plank wood ivory	A96GPKWD#IVO.A7X5R	29.5x120	A99GPKWD#IVO.A7X5R	19.5x120	A97GPKWD#IVO.A7X5R	9.6x120
plank wood beige	A96GPKWD#BEE.A7X5R	29.5x120	A99GPKWD#BEE.A7X5R	19.5x120	A97GPKWD#BEE.A7X5R	9.6x120
plank wood grey	A96GPKWD#GRY.A7X5R	29.5x120	A99GPKWD#GRY.A7X5R	19.5x120	A97GPKWD#GRY.A7X5R	9.6x120
plank wood black	A96GPKWD#BLK.A7X5R	29.5x120	A99GPKWD#BLK.A7X5R	19.5x120	A97GPKWD#BLK.A7X5R	9.6x120

Sizes (cm)	Thickness (mm)	Pieces X	M ² X	Kg X	X Eu. Pallet	M ² X Eu. Pallet	kg X Eu. Pallet
19.5x120	9	5	1.17	25.00	36	42.12	921.00

Select Wood

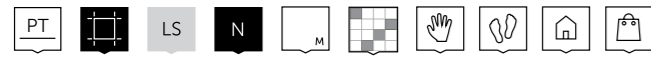




Select Wood

Floor: Select Wood Brown 19,5x120 cm

Select Wood



select wood ice



select wood bone



select wood nut



select wood oak



select wood brown

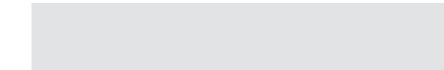


select wood dark brown



Sizes

19.5x120 cm
7.67"x 47.24"



Name	Code	Size(CM)
select wood ice	AGX2HSEWDICEZMH5R	19.5x120
select wood bone	AGX2HSEWDBNEZMH5R	19.5x120
select wood nut	AGX2HSEWDNUTZMH5R	19.5x120
select wood oak	AGX2HSEWDOAKZMH5R	19.5x120
select wood brown	AGX2HSEWDBRNZMH5R	19.5x120
select wood dark brown	AGX2HSEWDBRZMH5R	19.5x120

Sizes (cm)	Thickness (mm)	Pieces X	M ² X	Kg X	X Eu. Pallet	M ² X Eu. Pallet	kg X Eu. Pallet
19.5x120	9	5	1.17	25.00	36	42.12	921.00

Sigurt Wood



Floor: Sigurt Wood African Ash 19,5x120 cm



Floor: Sigurt Wood Scandinavian Oak 19,5x120 cm





Sigurt Wood

Floor: Sigurt Wood Scandinavian Oak 19-5x120 cm

Sigurt Wood



sigurt wood african ash *



sigurt wood scandinavian oak *



sigurt wood brown elm



sigurt wood siberian grey *



sigurt wood black forest

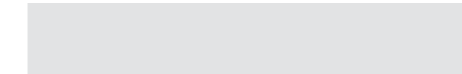
* Also with RAK-Sanit application



Floor: Sigurt Wood Siberian Grey 19.5x120 cm

Sizes

19.5x120 cm
7.67"x 47.24"



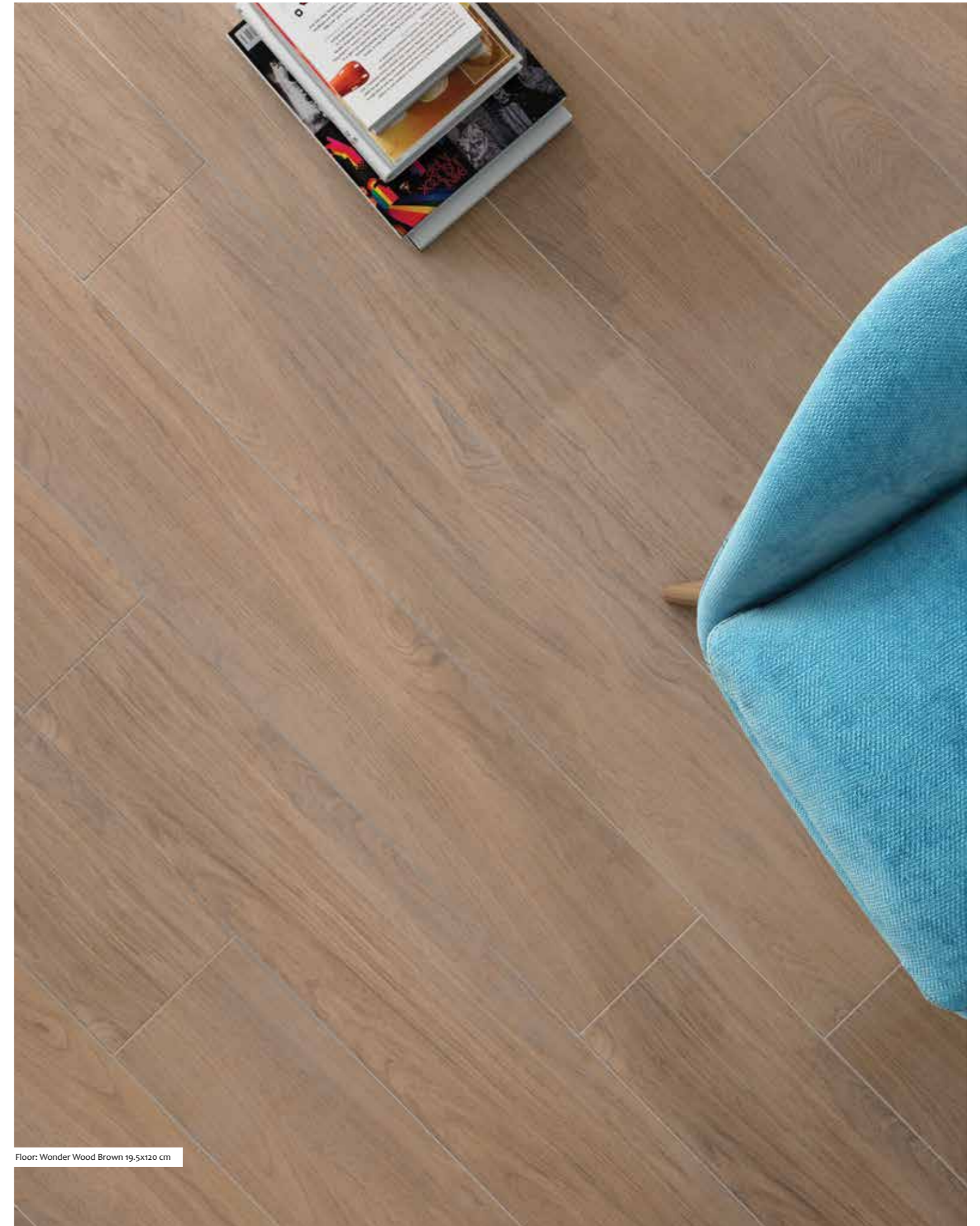
Name	Code	Code RAK-SANit	Size(CM)
sigurt wood african ash	AGX2HSGWDAFAZMH5R	A99GSWDS#AFA.M7X5R	19.5x120
sigurt wood scandinavian oak	AGX2HSGWDSAKZMH5R	A99GSWDS#SAK.M7X5R	19.5x120
sigurt wood brown elm	AGX2HSGWDBREZMH5R	-	19.5x120
sigurt wood warm siberian grey	AGX2HSGWDSGRZMH5R	A99GSWDS#SGR.M7X5R	19.5x120
sigurt wood dark black forest	AGX2HSGWDBFTZMH5R	-	19.5x120

Sizes (cm)	Thickness (mm)	Pieces X	M ² X	Kg X	X Eu. Pallet	M ² X Eu. Pallet	kg X Eu. Pallet
19.5x120	9	5	1.17	25.00	36	42.12	921.00

Wonder Wood



Floor: Wonder Wood Dark Grey 19,5x120 cm



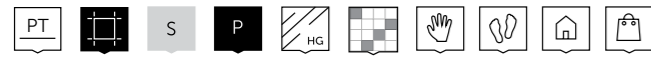
Floor: Wonder Wood Brown 19,5x120 cm



Wonder Wood

Floor: Wonder Wood Beige 19.5x120 cm

Wonder Wood



wonder wood white



wonder wood grey



wonder wood dark grey



wonder wood ivory



wonder wood beige



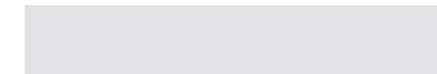
wonder wood brown



Floor: Wonder Wood Ivory 19,5x120 cm

Sizes

19.5x120 cm
7.67"x 47.24"



Name	Code	Size(CM)
wonder wood white	AggGWONE#WHE.NoX5P	19.5x120
wonder wood grey	AggGWONE#GRY.NoX5P	19.5x120
wonder wood dark grey	AggGWONE#DKG.NoX5P	19.5x120
wonder wood ivory	AggGWONE#IVO.NoX5P	19.5x120
wonder wood beige	AggGWONE#BEE.NoX5P	19.5x120
wonder wood brown	AggGWONE#BRN.NoX5P	19.5x120

Sizes (cm)	Thickness (mm)	Pieces X	M ² X	Kg X	X Eu. Pallet	M ² X Eu. Pallet	kg X Eu. Pallet
19.5x120	9	5	1.17	25.00	36	42.12	921.00

TECHNICAL FEATURES

PORCELAIN TILES (BIa - GL) :

Porcelain tiles are manufactured using pure, selectively imported raw materials mixed using the most advanced extraction and sorting techniques; they are obtained with a production process similar to that of single-fired tiles.

The resulting product is top-quality porcelain tile, obtained by raw materials wet grinding, followed by partial drying by spraying, silo storage to allow homogenization of properties, and pressing with highly efficient hydraulic presses up to specific pressures more than 500 kg/cm². The high pressure combined with high firing temperature exceeding 1200 °C results in highly compact & strong ceramic surface with very low water absorption (lower than 0.4% according to UNI EN ISO 10545-3) and extremely high mechanical resistance (average value exceeding 40 N/mm² according to UNI EN ISO 10545-4).

Thanks to their low porosity, these porcelain tiles are frost-proof and rated as belonging to the BIa GL class according to the International Standard ISO 13006 and European Standard UNI EN 14411 which requires water absorption ≤ 0.5%.

The MoR (modulus of rupture) in accordance with UNI EN ISO 10545-4 results to 40 N/mm² while the required value is 35 N/mm². RAK Ceramics porcelain tiles are available in a wide range of designs, sizes and finishes.

















ADVICE ON LAYING

Although our porcelain tiles can be installed using traditional cement mortars, we advise using modern adhesives. While installing on wall, the two-layer spreading system is recommended to perfectly wet the back of the tile.

Quickly dipping each tile in water before installation will remove any dust on the back of the tile for perfect adhesion. Do not wet the tiles if you are using vinyl, acrylic resin adhesives or two-component organic-solvent based adhesive.

It is advisable to incorporate suitable shrinkage - flexion joints (movement/ expansion joints) when installing on large floors: the joints should never be spaced more than 4 - 5 linear meters apart indoors and 3 linear meters apart outdoors. Be careful while using strong coloured grouts as they might leave stains on the surface of the tiles that may be difficult to remove later.

TECHNICAL CHARACTERISTICS - PORCELAIN TILES (BIa - GL)

Test Description	Standard Test Method	International Standard ISO 13006	RAK Ceramics Specifications	
			(Rectified)	(Unrectified)
 Length & Width	BS EN ISO 10545-2	+/- 0.6%	+/- 0.1%	+/- 0.3%
 Thickness	BS EN ISO 10545-2	+/- 5.0%	+/- 5.0%	+/- 5.0%
 Rectangle Squareness	BS EN ISO 10545-2	+/- 0.5%	+/- 0.2%	+/- 0.4%
 Straightness of sides	BS EN ISO 10545-2	+/- 0.5%	+/- 0.2%	+/- 0.3%
 Surface Flatness	BS EN ISO 10545-2	+/- 0.5%	+/- 0.3%	+/- 0.3%
 Water Absorption	BS EN ISO 10545-3	≤ 0.5%	≤ 0.4%	≤ 0.4%
 Modulus of Rupture	BS EN ISO 10545-4	≥ 35 N/mm ²	≥ 40 N/mm ²	≥ 40 N/mm ²
 Breaking Strength	BS EN ISO 10545-4	≥ 1300N	≥ 1600N	≥ 1600N
 Resistance to surface abrasion	BS EN ISO 10545-7	Manufacturer to state Abrasion Class	PEI Class 2 -5	PEI Class 2 -5
 Linear Thermal Expansion	BS EN ISO 10545-8	≤ 9x10 ⁻⁶ /°C	≤ 7x10 ⁻⁶ /°C	≤ 7x10 ⁻⁶ /°C
 Resistance to Thermal Shock	BS EN ISO 10545-9	No visible defect	No visible defect	No visible defect
 Crazing Resistance	BS EN ISO 10545-11	No crazing	No crazing	No crazing
 Frost Resistance	BS EN ISO 10545-12	No visible damage	No visible damage	No visible damage
 Resistance to chemicals	BS EN ISO 10545-13	No visible defect	No visible defect	No visible defect
 Resistance to stains	BS EN ISO 10545-14	Manufacturer to state class	Stain removed Min.class 4	Stain removed Min.class 4
 Colour Resistance to UV Light	DIN 51094	No change in color	No change in color	No change in color

Note: Shade variation across the batches is inherent to the manufacturing process and the pre-laying colour comparison is recommended

TECHNICAL FEATURES

FULL BODY PORCELAIN TILES (BIA - UGL) :

Full body porcelain tiles are manufactured using pure, selectively imported raw materials mixed using the most advanced extraction and sorting techniques; they are obtained with a production process similar to that of single-fired tiles.

The resulting product is top-quality porcelain tile, obtained by raw materials wet grinding, followed by partial drying by spraying, silo storage to allow homogenization of properties, and pressing with highly efficient hydraulic presses up to specific pressures more than 500 kg/cm². The high pressure combined with high firing temperature exceeding 1200 °C results in highly compact & strong ceramic surface with very low water absorption (lower than 0.1% according to UNI EN ISO 10545-3) and extremely high mechanical resistance (average value exceeding 40 N/mm² according to UNI EN ISO 10545-4).

Full body porcelain are suitable for heavy traffic areas as they are characterized by a deep abrasion resistance (equal to 150 mm³ of removed material, as opposed to the 175 mm³ provided for by the UNI EN ISO 10545-6 standard).

Thanks to their low porosity, these tiles are frost-proof and rated as belonging to the BIa UGL class according to the International Standard ISO 13006 and European Standard UNI EN 14411 which requires water absorption ≤ 0.5%.

Chemical acid and base resistance (UNI EN ISO 10545-13) makes full body porcelain tiles suitable for environments where aggressive chemicals are used, e.g. food processing factories, hospitals, chemical or pharmaceutical plants. The full bod porcelain tiles are available in a wide range of sizes and surfaces (slip-resistant finish also available).
















ADVICE ON LAYING

Although our full bod porcelain tiles can be installed using traditional cement mortars, we advise using modern adhesives. For large sizes over 40x40cm, outdoor and wall installations, the two-layer spreading system is recommended to perfectly wet the back of the tile.

Quickly dipping each tile in water before installation will remove any dust on the back of the tile for perfect adhesion. Do not wet the tiles if you are using vinyl, acrylic resin adhesives or two-component organic-solvent based adhesive.

It is advisable to incorporate suitable shrinkage - flexion joints (movement/ expansion joints) when installing on large floors: the joints should never be spaced more than 4 - 5 linear meters apart indoors and 3 linear meters apart outdoors. Be careful while using strong coloured grouts as they might leave stains on the surface of the tiles that may be difficult to remove later.

TECHNICAL CHARACTERISTICS - FULL BODY PORCELAIN TILES (BIA - UGL)

Test Description	Standard Test Method	International Standard ISO 13006	RAK Ceramics Specifications	
			(Rectified)	(Unrectified)
 Length & Width	BS EN ISO 10545-2	+/- 0.6%	+/- 0.1%	+/- 0.3%
 Thickness	BS EN ISO 10545-2	+/- 5.0%	+/- 5.0%	+/- 5.0%
 Rectangle Squareness	BS EN ISO 10545-2	+/- 0.5%	+/- 0.2%	+/- 0.4%
 Straightness of sides	BS EN ISO 10545-2	+/- 0.5%	+/- 0.2%	+/- 0.3%
 Surface Flatness	BS EN ISO 10545-2	+/- 0.5%	+/- 0.2%	+/- 0.3%
 Water Absorption	BS EN ISO 10545-3	≤0.5%	≤0.1%	≤0.1%
 Modulus of Rupture	BS EN ISO 10545-4	≥35 N/mm ²	≥40 N/mm ²	≥40 N/mm ²
 Breaking Strength	BS EN ISO 10545-4	≥1300N	≥1500N	≥1600N
 Resistance to deep abrasion	BS EN ISO 10545-6	≤175/mm ³	≤150/mm ³	≤150/mm ³
 Linear Thermal Expansion	BS EN ISO 10545-8	≤9x10 ⁻⁶ /°C	≤7x10 ⁻⁶ /°C	≤7x10 ⁻⁶ /°C
 Resistance to Thermal Shock	BS EN ISO 10545-9	No visible defect	No visible defect	No visible defect
 Frost Resistance	BS EN ISO 10545-12	No visible damage	No visible damage	No visible damage
 Resistance to chemicals	BS EN ISO 10545-13	No visible defect	No visible defect	No visible defect
 Resistance to stains	BS EN ISO 10545-14	Manufacturer to state class	Stain removed Min. class 2	Stain removed Min. class 2
 Colour Resistance to UV Light	DIN 51094	No change in color	No change in color	No change in color

Note: Shade variation across the batches is inherent to the manufacturing process and the pre-laying colour comparison is recommended

TECHNICAL FEATURES

GRES WHITE BODY TILES (BIIA) :

Gres white body tiles are created by mixing raw materials including high quality white or red clays, quartz and feldspar in wet grinding ball mills. After grinding, a clay-based suspension of these materials called a slip is fed out of the mill then spray-dried to remove excess moisture. Following the spray drying process, the free flowing powder is pressed using advanced hydraulic presses with a specific pressing power exceeding 300 kg/cm² in order to obtain a compact gres body. Once dried, the tiles are coated and decorated with glazes to make them aesthetically pleasing and meet our customers design requirements.

The glazed tile body is then fired in roller kilns where temperatures of approximately 1200 °C are reached. The resulting product is normally a medium-to-low porosity (3% to 5%) tile, in compliance with the International Standard ISO 13006 and European Standard UNI EN 14411 standard and rated as belonging to the BI1a GL group with notable technological specifications such as the product flexural strength (average value: 30N/mm² according to UNI EN ISO 10545-4).

As for wear resistance, this will depend on the type and colour of glazing and may change according to different products or collections. As a general rule, bright finishes are not recommended for heavy traffic floors or rooms opening onto outdoor areas, where sand or other abrasive materials are more likely to be brought in.

ADVICE ON LAYING















Our gres white body tiles can be laid using either traditional cement mortar or modern tile adhesives. When laying large size tiles, it is best to adopt the two-layer spreading system to ensure the adhesive is spread over 90 % of the tile surface.

Quickly dipping each tile in water before installation will remove any dust on the back of the tile for perfect adhesion, however, do not wet the tiles if you are using vinyl, acrylic resin adhesives or two-component organic-solvent based adhesive.

It is advisable to always incorporate suitable shrinkage-flexion joints (movement/expansion joints) which must not be spaced more than 4-5 metres apart from one another. These joints must be inserted not only between the tiles, but also reach the levelling compound below, consisting of either cement mortar or dry compound, depending on whether the tiles are set in the traditional manner or using a modern adhesive. The movement joints must be sealed with appropriate materials such as silicone or polyurethane-based sealants, depending on the anticipated traffic of the application area.

Appropriate tile bedding layers should be used such as underlay, damp course, vapour barrier or any other layer necessary to prevent the tiles from detaching themselves or cracking due to water penetration.

TECHNICAL CHARACTERISTICS - GRES WHITE BODY TILES (BIIA)

	Test Description	Standard Test Method	International Standard ISO 13006	RAK Ceramics Specifications
	Length & Width	BS EN ISO 10545-2	+/- 0.6%	+/- 0.3%
	Thickness	BS EN ISO 10545-2	+/- 5.0%	+/- 5.0%
	Rectangle Squareness	BS EN ISO 10545-2	+/- 0.5%	+/- 0.4%
	Straightness of sides	BS EN ISO 10545-2	+/- 0.5%	+/- 0.3%
	Surface Flatness	BS EN ISO 10545-2	+/- 0.5%	+/- 0.4%
	Water Absorption	BS EN ISO 10545-3	3% < E <= 6%	3% < E <= 6%
	Modulus of Rupture	BS EN ISO 10545-4	>=22 N/mm ²	>=30 N/mm ²
	Breaking Strength	BS EN ISO 10545-4		
	Thickness > = 7,5mm		>=1000N	>=1100N
	Thickness < = 7,5mm		>=600N	>=800N
	Resistance to surface abrasion	BS EN ISO 10545-7	Manufacturer to state Abrasion Class	Class 2 - 4
	Resistance to Thermal Shock	BS EN ISO 10545-9	No visible defect	No visible defect
	Crazing Resistance	BS EN ISO 10545-11	No crazing	No crazing
	Resistance to chemicals	BS EN ISO 10545-13	No visible effect	No visible effect
	Resistance to stains	BS EN ISO 10545-14	Manufacturer to state class	Stain removed Min. class 4
	Scratch Hardness : (Moh's)	EN 101	-	4 - 6

Note: Shade variation across the batches is inherent to the manufacturing process and the pre-laying colour comparison is recommended

MAINTENANCE AND CLEANING OF TILES

Maintenance of ceramic and porcelain tiles on dry surfaces is relatively easy. RAK Ceramics tiles are highly scratch and stain resistant.

- By regularly sweeping the floor, you can help avoid scratches that small pebbles or sand can create.
- Make it a habit to always wipe the soles of your shoes on a mat before entering the house. Thoroughly wipe up any spills using plain warm water.
- While they are not likely to stain your ceramic tiles, spills may stain the grout between the tiles and if they are left to sit for too long, may also stain the actual tiles.
- Plain water is the ideal cleaner because it leaves no residue if you dry the surface of the tiles thoroughly after cleaning.
- If tiles are left wet after cleaning, there may be some unsightly mineral residue after the water dries, but this can easily be removed by spot cleaning.
- If stains resist cleaning with water alone, you can use a mild acidic solution, such as white vinegar. Use it highly diluted and rinse with plain water then dry.
- As food stains are acidic in nature, try using a mild alkaline solution.
- Use common detergents sparingly, rinse with plain water and dry thoroughly.

RAK CERAMICS CARE EXCLUSIVE POST INSTALLATION CLEANING SERVICE

We have collaborated with Fila, a leading company in cleaning, protection and maintenance of ceramic surfaces to offer an exclusive cleaning service to address our customers post installation concerns.

Cleaning after laying is of vital importance as a lot of unseen debris and reactive chemicals can affect the visual appearance of the ceramic material. With this new service, our customers can take advantage of Fila's professional on-site consultation. For more info please visit www.rakceramics.com



TILE-LAYING RECOMMENDATIONS

All RAK Ceramics products are subject to size and shade variations. Please check the size, batch number, caliber, tone, choice, color, quality of the pieces before the installation, as no claims will be accepted once the tiles are installed.

Place some tiles on the floor - 2 or 3 sqm - and check the overall technical and aesthetic characteristics with care and check if there is enough product to finish the work.

Manufacturer's responsibility is only limited to replacement of defective material if any, prior to fixing of tiles and we will not entertain claim of any nature after the tiles are installed.

Therefore, if any issue is found on the delivered product, the contractor for installation or the client should not install the tiles. The issue should be communicated to RAK Ceramics for investigation and further action for resolution as required.

The substrate must be a compact cement bed. Levelling system ensures flatness between tiles avoiding movements during the mortar setting. This reduces the time for the ceramic laying obtaining a perfect lippage-free finish. Avoid movements between the tiles due to the mortar setting.

The width of grout joints must be established by the installation supervisor, unless grout widths are regulated by national laying standards. The grout colour should be selected according to the colour of the tile. We recommend to select a matching colour. Before using fine-grain coloured grout on lapped, polished or brushed products, always test it. If the pigment is very adhesive, it may be very difficult to remove.

We recommend to lay the tiles by using suitable adhesives for each kind of product and surface. As general rule, tiles must be installed in the same position. The minimum joint is 2 mm for rectified tiles, although we suggest a higher joint for big size products. After grouting, remove any excess product as quickly as possible by repeatedly washing the area with a sponge and water.

Steps to follow 1. First, set the tool to the scale according to the ceramic thickness. 2. Introduce the crossheads and continue laying the adjacent tiles. 3. Put the wedges in the crosshead manually. 4. Tighten the wedges with the pliers to level the pieces. 5. Allow for setting for the time recommended by the manufacturer of the adhesive cement. 6. Remove the crossheads. Hit the crosshead with a rubber mallet or with your foot in the direction of the joint. Do not hit the wedges.

The company will not accept any claim if this is due to the problems caused by not following these suggestions and instructions.



LATICRETE IS A RECOMMENDED PARTNER OF RAK CERAMICS

ICONS

TPOLOGY



SURFACE STRUCTURE



Tiles with an even and regular surface, free from perceptible projections, lumps, or indentations.

Tiles with an uneven, irregular surface, with a structure perceptible to the eye and touch.

Tiles with a highly irregular surface.

FINISH



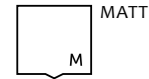
EDGE



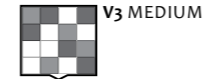
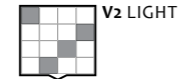
Pressed tiles without further work after firing.

Pressed tiles with a smooth pad, subjected to a strong mechanical processing, by removing a significant amount of material after firing, making the surface bright.

SURFACE LOOK



COLOUR VARIATIONS



Natural looking surface.

The final appearance of the surface is high reflective, almost mirror-like.

Light to moderate shade variation within each carton.

Medium to high shade variation within each carton.

INDICATIONS FOR USE



SUGGESTED APPLICATIONS



Residential areas, hotel rooms, bathrooms

Indoor public areas subject to medium pedestrian traffic such as restaurants, bars, offices, shops, hotel public areas, convention rooms.

Outdoor public environments subject to medium pedestrian traffic such as outdoor terraces, stairs, corridors, raised paving, private garden, swimming pool and wellness areas. Always check the slipperiness characteristics according to the intended environment, in conformity with applicable regulations or laws.

R RATING TABLE

Collections	Typology	Colours	R	R
Laguna Cement Wood	Porcelain Tiles	Light Grey	R11 / A+B	-
		Wood Grey	R11 / A+B	-
		Light Grey	R11 / A+B	-
Line Wood	Porcelain Tiles	Ivory	R10 / A	R11 / A+B
		Beige	R10 / A	R11 / A+B
		Dark Beige	R10 / A	R11 / A+B
		Brown	R10 / A	R11 / A+B
		Dark Brown	R10 / A	R11 / A+B
Mix Wood	Porcelain Tiles	Ash	R10 / A	-
		Olive	R10 / A	-
		Pine	R10 / A	-
		Wenge	R10 / A	-
Plank Wood	Full Body Porcelain Tiles	White	R10 / A+B+C	-
		Bone	R10 / A+B+C	-
		Ivory	R10 / A+B+C	-
		Beige	R10 / A+B+C	-
		Grey	R10 / A+B+C	-
Select Wood	Porcelain Tiles	Black	R10 / A+B+C	-
		Ice	R10 / A	-
		Bone	R10 / A	-
		Nut	R10 / A	-
		Oak	R10 / A	-
		Brown	R10 / A	-
Sigurt Wood	Porcelain Tiles	Dark Brown	R10 / A	-
		African Ash	R10 / A	-
		Scandinavian Oak	R10 / A	-
		Brown Elm	R10 / A	-
		Siberian Grey	R10 / A	-
		Black Forest	R10 / A	-

Contact

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