

WOOD

*Bien*



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**SIZE INDEX****30X180 TECHNICAL PORCELAIN TILES**

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**45X90X2CM&60X60X2CM TECHNICAL PORCELAIN TILES**

NATURA WOOD	5
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**45X90-22X90-14,3X90 TECHNICAL PORCELAIN TILES**

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**61X61 PORCELAIN TILES**

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**50X50 PORCELAIN TILES**

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**20X120 PORCELAIN TILES**

COUNTRY	2
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**15X90 PORCELAIN TILES**

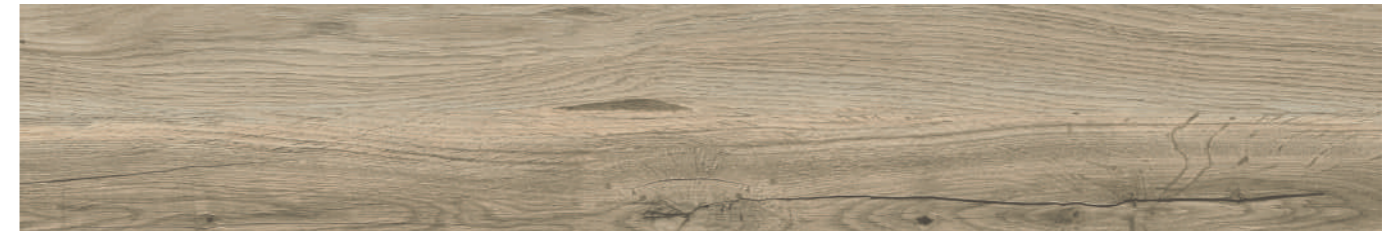
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**15X60 PORCELAIN TILES**

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COUNTRY



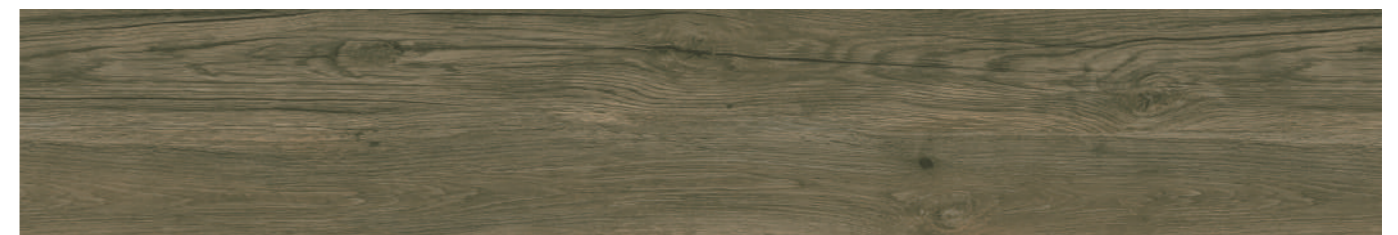
30x180 12x72" WALNUT

tpMR v²



20x120 8x48" WALNUT

fvMV²



30x180 12x72" VENGE

tpMR v²



20x120 8x48" VENGE

fvMV²

NORDEN



30x180 12x72" TEAK

tpMR v²



20x120 8x48" TEAK

fvMV²





**NATURA  
WOOD**







14,3x90 6x36" BIRCH

tp MR v<sup>3</sup> | tp GR v<sup>3</sup>  
NANO



14,3x90 6x36" OAK

tp MR v<sup>3</sup> | tp GR v<sup>3</sup>  
NANO



22x90 9x36" BIRCH

tp MR v<sup>3</sup> | tp GR v<sup>3</sup>  
NANO



22x90 9x36" OAK

tp MR v<sup>3</sup> | tp GR v<sup>3</sup>  
NANO



14,3x90 6x36" PINE

tp MR v<sup>3</sup> | tp GR v<sup>3</sup>  
NANO



14,3x90 6x36" EBONY

tp MR v<sup>3</sup> | tp GR v<sup>3</sup>  
NANO



22x90 9x36" PINE

tp MR v<sup>3</sup> | tp GR v<sup>3</sup>  
NANO



22x90 9x36" EBONI EBONY

tp MR v<sup>3</sup> | tp GR v<sup>3</sup>  
NANO

MOSAICS



"14,3X90 and 22x90 sizes are produced both of matte and full lappato polished."



45x90x2 18x36x0,8" OAK (R-11)

tp MR v<sup>3</sup>



60x60x2 24x24x0,8" OAK (R-11)

tp MR v<sup>3</sup>



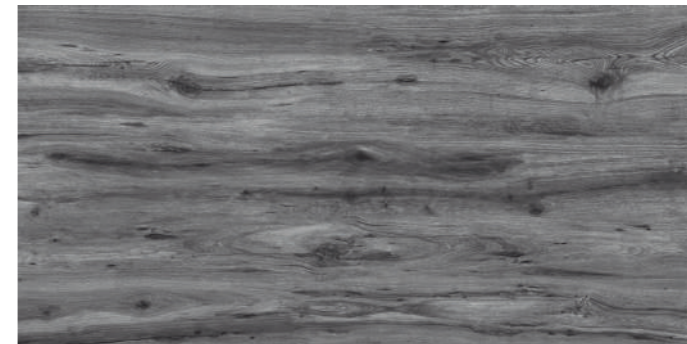
45x90x2 18x36x0,8" EBONY (R-11)

tp MR v<sup>3</sup>



60x60x2 24x24x0,8" EBONY (R-11)

tp MR v<sup>3</sup>



45x90x2 18x36x0,8" GREY (R-11)

tp MR v<sup>3</sup>



60x60x2 24x24x0,8" GREY (R-11)

tp MR v<sup>3</sup>



## SHERWOOD

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22x90 9x36" SMOKE

tpMRV<sup>3</sup>



45x90 18x36" SMOKE

tpMRV<sup>3</sup>

## GEO WOOD

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61x61 24x24"

TMV<sup>2</sup>



**SHERWOOD**





50x50 20x20"  
BONE



50x50 20x20" BEIGE



50x50 20x20" BROWN



# MAGNIFI- CENCE

*keeps itself hidden in depth.*

*When you want to*

## SEE IT

*it is there as if it's never  
been hidden.*







**OLMO**

**OLMO**



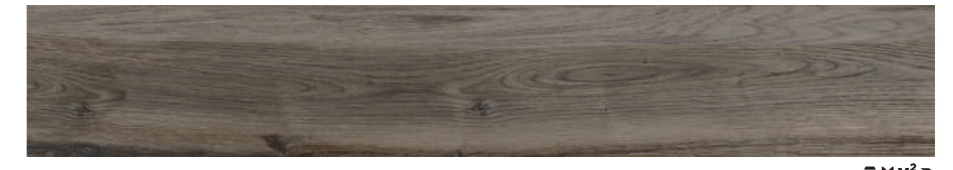
20x120 8x48" LATTE



20x120 8x48" BEIGE



20x120 8x48" CHESNUT



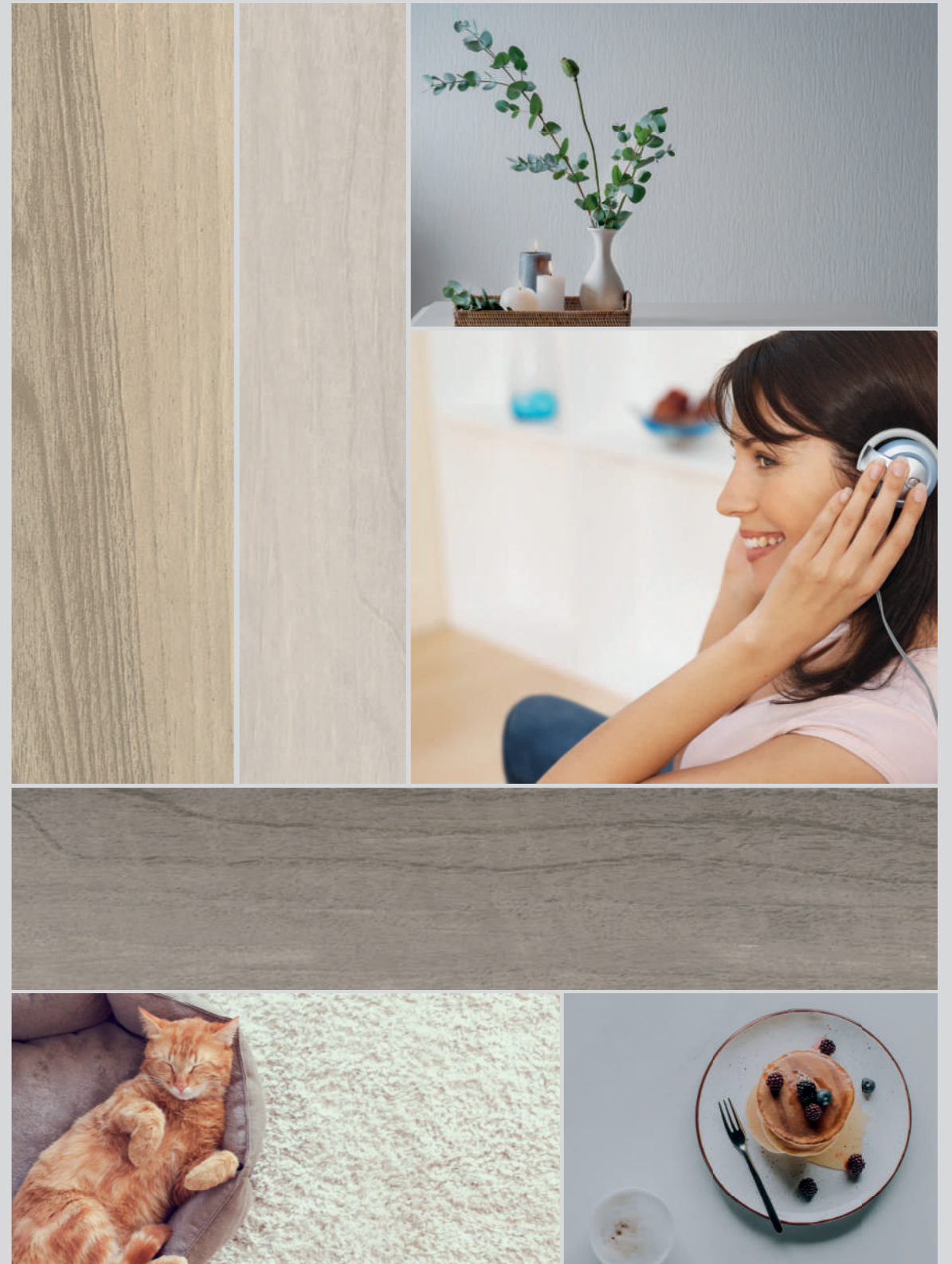
20x120 8x48" NOCE







ASANA





## ASANA

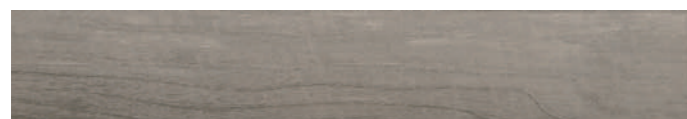
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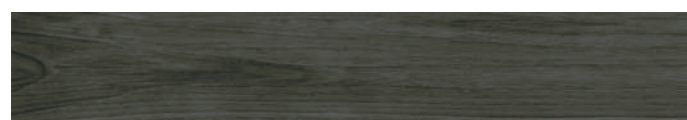
15x90 6x36" WHITE



15x90 6x36" IVORY



15x90 6x36" GREY



15x90 6x36" BROWN



## LATA

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15x90 6x36" SILVER



15x90 6x36" WHITEBIRCH



15x90 6x36" GREY



15x90 6x36" BROWN



## WOODY

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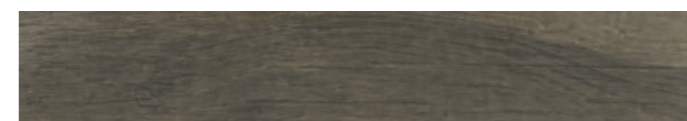
15x90 6x36" SILVER



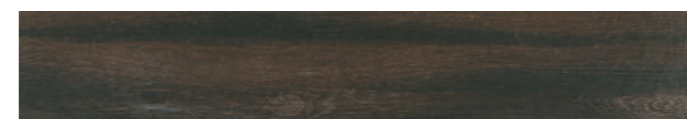
15x90 6x36" BIANCO



15x90 6x36" NOCE



15x90 6x36" GRIGIO



15x90 6x36" TOBACCO

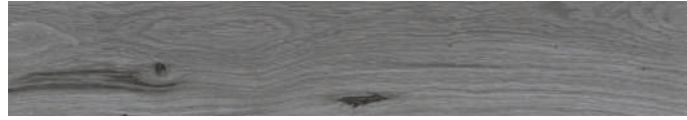




# ZEBRA WOOD



15x90 6x36" MAPLE



15x90 6x36" SILVER



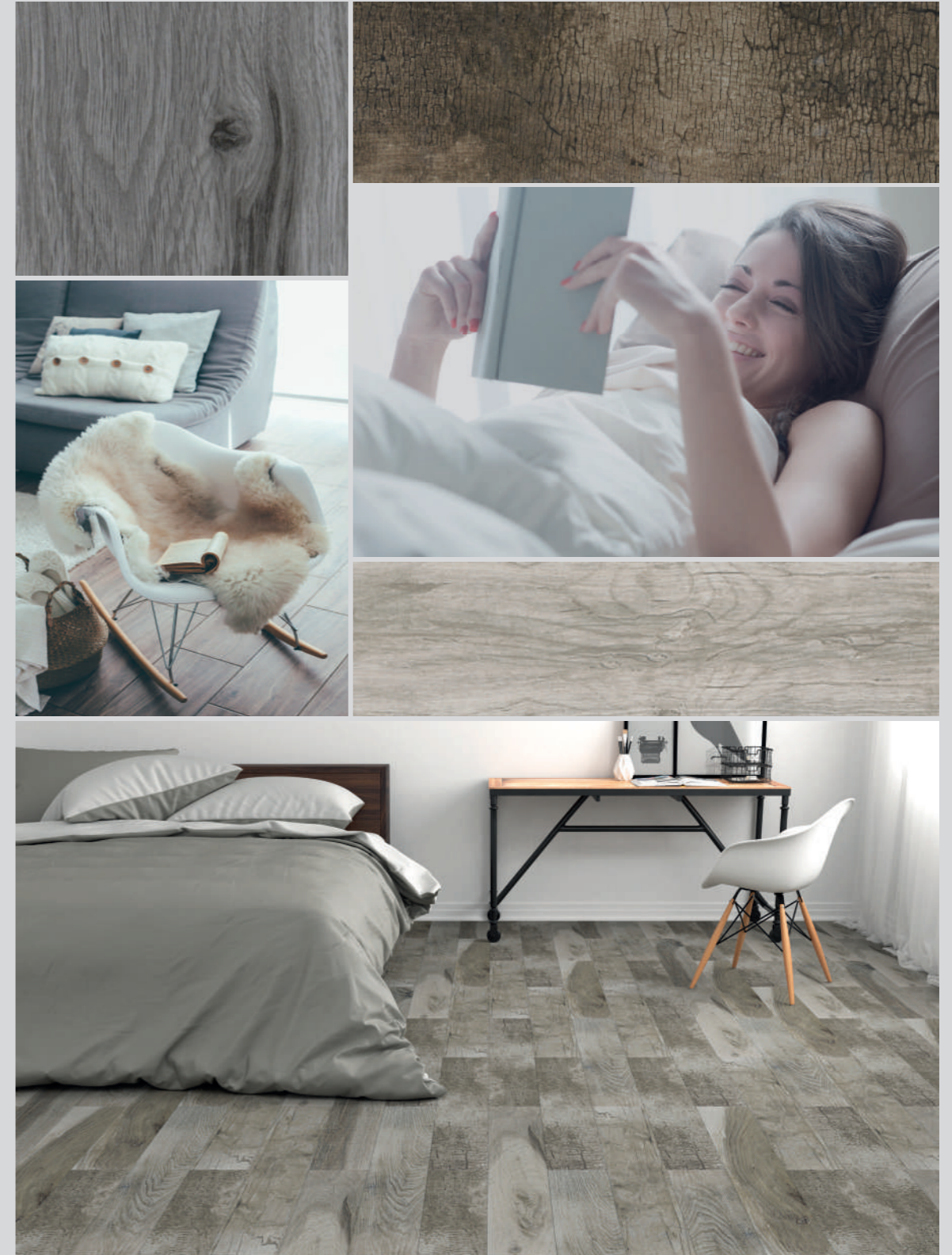
15x90 6x36" OAK



15x90 6x36" ASH



15x90 6x36" WALNUT







**ATELIER**

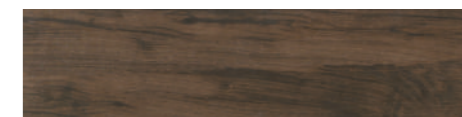
**ATELIER**



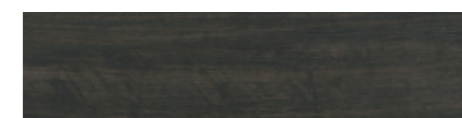
15x60 6x24" PEARL



15x60 6x24" TEAK



15x60 6x24" WALNUT



15x60 6x24" ASH





## PICASSO

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15x60 6x24" MAPLE



15x60 6x24" TINDER



15x60 6x24" MINK



15x60 6x24" BLUE



## ZIGANA

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15x60 6x24" WHITE



15x60 6x24" OAK

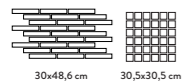


15x60 6x24" WALNUT



## MOSAICS

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30x48,6 cm

30,5x30,5 cm





PORCELAINS AND TECHNICAL PORCELAINS

THEME	BIEN STANDARDS	TS EN 14411 Annex-G		TEST METHOD
LENGHT AND WIDHT	± 0,5 %	± 0,6 %	± 2,0 mm	TS EN ISO 10545 - 2
THICKNESS	± 5 %	± 5 %	± 0,5 mm	TS EN ISO 10545 - 2
STRAIGHTNESS OF SIDES	± 0,3 %	± 0,5 %	± 1,5 mm	TS EN ISO 10545 - 2
RECTANGULARITY	± 0,5 %	± 0,5 %	± 2,0 mm	TS EN ISO 10545 - 2
CENTER CURVATURE	± 0,3 %	± 0,5 %	± 2,0 mm	TS EN ISO 10545 - 2
EDGE CURVATURE	± 0,3 %	± 0,5 %	± 2,0 mm	TS EN ISO 10545 - 2
WARPAGE	± 0,3 %	± 0,5 %	± 2,0 mm	TS EN ISO 10545 - 2
SURFACE QUALITY	% 5 defective	% 5 defective		TS EN ISO 10545 - 2
WATER ABSORPTION	Max. ≤ 0,5 %	Max ≤ 0,5 %		TS EN ISO 10545 - 3
BREAKING STRENGTH (≥7,5 mm)	Min. 1300 N	Min. 1300 N		TS EN ISO 10545 - 4
BREAKING STRENGTH (<7,5 mm)	Min. 700 N	Min. 700 N		TS EN ISO 10545 - 4
MODULUS OF RUPTURE	Min. 35 N/mm <sup>2</sup>	Min. 35 N/mm <sup>2</sup>		TS EN ISO 10545 - 4
IMPACT RESISTANCE	Resistant	Required		TS EN ISO 10545 - 5
THERMAL SHOCK RESISTANCE	Resistant	Required		TS EN ISO 10545 - 9
CRACKING RESISTANCE	Resistant	Required		TS EN ISO 10545 - 11
FROST RESISTANCE	Resistant	Required		TS EN ISO 10545 - 12
RESISTANCE TO STAINING	Min. Class 3	Min. Class 3		TS EN ISO 10545 - 14
RESISTANCE TO ACIDS/ALKALIS	Min. Class GLB - GHB	As declared		TS EN ISO 10545 - 13
RESISTANCE TO HOUSEHOLD CHEM.	Min. Class GB	Min. Class GB		TS EN ISO 10545 - 13
ABRASION CLASS	Min. II	As declared		TS EN ISO 10545 - 7

NET SIZE INFORMATION OF LAPPATO'S PRODUCTION

SIZE	SIZE OF FULL LAPPATO & RECTIFIYE PRODUCTION	SIZE OF NON-FULL LAPPATO & RECTIFIYE PRODUCTION	SSIZE OF SEMI LAPPATO & RECTIFIYE PRODUCTION
120x180 Rec.	1195x1785 mm	1195x1785 mm	1195x1785 mm
60x180 Rec.	596X1785 mm	596X1785 mm	596X1785 mm
30x180 Rec.	296x1785 mm	296x1785 mm	296x1785 mm
100x100 Rec.	985x985 mm	985x985 mm	985x985 mm
60x120 Rec.	596x1196 mm	600x1200 mm	600x1200 mm
45x90 Rec.	446x896 mm	450x900 mm	-
22x90 Rec.	220x896 mm	220x900 mm	-
14,3x90 Rec.	143x896 mm	143x900 mm	-
61x61 Rec.	596x596 mm	600x600 mm	600x600 mm
30x60 Rec.	297x596 mm	298x600 mm	298x600 mm

TECHNICAL SPECIALITIES



WALL & FLOOR TILES COLLECTIONS

PRODUCT TYPE	SIZE	EDGE	BOX			PALLET			
			PIECE	QUANTITY (m <sup>2</sup> )	WEIGHT (kg)	BOX	QUANTITY (m <sup>2</sup> )	WEIGHT (kg)	PALLET SIZE
Floor Tile	40x40 REC / 16x16"	Rectified	10	1,537	27,5	50	76,850	1340	80x120
Floor Tile	40x40 / 16x16"	-	10	1,6	28	50	80,000	1390	80x120
Floor Tile	33x33 / 13x13"	-	9	0,980	25,34	46	45,080	1200	80x120
Floor Tile	19,7x19,7 B	-	21	0,814	12,5	81	65,934	1020	80x120
Floor Tile	19,7x19,7 / 8x8"	-	25	1	13,6	72	72,000	1020	80x120
Floor Tile	14,2x14,2	-	45	0,747	14	72	53,784	1040	80x120
Floor Tile	30x40 / 12x16"	-	12	1,440	20,6	60	86,400	1260	80x120
Glazed Porcelain	15x60 / 6x24"	-	13	1,17	21,19	48	56,16	1060	80x120
Glazed Porcelain	45x45 / 18x18"	Rectified	8	1,598	29	44	70,312	1280	80x120
Wall Tile	40x120 / 16x48"	Rectified	3	1,440	26,32	21	30,240	565	80x125 Kasalı
Wall Tile	30x60 / 12x24"	-	9	1,620	23,37	48	77,760	1130	80x120
Wall Tile	30x60 / 12x24"	Rectified	9	1,620	23,37	48	77,760	1130	80x120
Wall Tile	30x90 / 12x36"	Rectified	4	1,080	16	81	87,480	1310	80x120





PORCELAIN TILES COLLECTIONS

PRODUCT TYPE	SIZE	EDGE	BOX			PALLET			
			PIECE	QUANTITY (m <sup>2</sup> )	WEIGHT (kg)	BOX	QUANTITY (m <sup>2</sup> )	WEIGHT (kg)	PALLET SIZE
Technical Porcelain	45x90x2 / 18x36x0,8"	Rectified	2	0,81	36,32	26	21,06	1010	95X120
Technical Porcelain	60x60x2 / 24x24x0,8"	Rectified	2	0,72	33,18	32	23,04	1070	80X120
Technical Porcelain	60x120 / 24x48"	Rectified	2	1,44	34,33	30	43,2	965	83X125
Technical Porcelain	45x90 / 18x36"	Rectified	3	1,215	25,16	30	36,45	876	95X110
Technical Porcelain	22x90 / 9x36"	Rectified	6	1,188	25,05	32	38,016	812	95X110
Technical Porcelain	14,3x90 / 6x36"	Rectified	6	0,772	16,68	54	41,688	1120	95X110
Glazed + Technical	61x61 / 24x24"	-	4	1,488	28,1	30	44,64	905	80X120
Glazed + Technical	60x60 / 24x24"	Rectified	4	1,44	27,2	32	46,08	910	80X120
Glazed Porcelain	50x50 / 20x20"	-	7	1,75	27	48	84	1382	80X120
Glazed Porcelain	30x60 / 12x24"	-	9	1,62	28,12	32	51,84	1150	80X120
Glazed Porcelain	30x60 / 12x24"	Rectified	9	1,62	28,12	32	51,84	1150	80X120
Glazed Porcelain	15x90 / 6x36"	-	6	0,81	19	64	51,84	1120	95X110
Technical Porcelain	60x180 / 24x72"	Rectified	2	2,13	42	21	44,73	975	70X195
Technical Porcelain	100x100 / 40x40"	Rectified	2	2	48	24	48	1185	103X123
Glazed + Technical	20x120 / 8x48"	-	6	1,44	32	36	51,84	1175	80X120
Technical Porcelain	80x80x2 / 32x32x0,8"	Rectified	1	0,64	30	36	23,04	1100	81X110
Technical Porcelain	120x180 / 48x72"	Rectified	1	2,13	42	21	44,73	972	140X200

DECOR & MOSAICS

PRODUCT TYPE	SIZE	EDGE	BOX			PALLET			
			PIECE	QUANTITY (m <sup>2</sup> )	WEIGHT (kg)	BOX	QUANTITY (m <sup>2</sup> )	WEIGHT (kg)	PALLET SIZE
Step	30x120 / 12x48"	Rectified	3	2,16	51,5	-	-	-	-
Decor	40x120 / 16x48"	Rectified	2	0,96	17,6	-	-	-	-
Decor	30x90 / 12x36"	Rectified	4	1,8	16	-	-	-	-
Decor	30x60 / 12x24"	-	8	1,44	20,8	-	-	-	-
Mosaic	30x60 / 12x24"	Rectified	8	1,44	20,8	-	-	-	-
Mosaic	30,5x30,5 / 12x12"	Rectified	11	1,03	20	-	-	-	-
Mosaic	30x48,6 / 12x19"	Rectified	5	0,729	14	-	-	-	-
Mosaic	30x68 / 12x27"	Rectified	5	0,876	17	-	-	-	-
Mosaic	33x33 / 13x13"	Rectified	6	0,653	13	-	-	-	-
Mosaic	32x42 / 13x17"	Rectified	5	0,4	7	-	-	-	-



 WALL TILES	 FLOOR TILES	 PORCELAIN
<b>G</b> GLOSSY	<b>M</b> MATTE	<b>S</b> SATIN
<b>R</b> RECTIFIED	<b>fl</b> FULL LAPPATO	<b>sl</b> SEMI LAPPATO
<b>tp</b> TECHNICAL PORCELAIN	 ACID SENSITIVE	

**SHADE VARIATION**

<b>v<sup>1</sup></b> UNIFORM APPEARANCE	<b>v<sup>2</sup></b> SLIGHT VARIATION
<b>v<sup>3</sup></b> MODERATE VARIATION	<b>v<sup>4</sup></b> RANDOM VARIATION

The color shade or shades of all tiles vary to some degree from piece to piece, for each single production. At least several pieces from the same production should be reviewed whenever possible to determine acceptable color shade variations. Any questions or concerns about your tile selection should be clarified prior to installation.

**ABRASION RESISTANCE OF FLOOR TILES**

 LOW TRAFFIC	 MEDIUM TRAFFIC
 HEAVY TRAFFIC	 EXTRA TRAFFIC

**LOW TRAFFIC:** Tiles suited for general residential traffic. For areas that are walked on by soft soled or normal footwear without any scratching dirt. Not suitable for kitchen, entrance halls, stairs and other areas subjected to medium traffic.

**MEDIUM TRAFFIC:** Tiles suitable for areas subject to frequent foot traffic yet protected from abrasive agents such as sand, gravel and soil; for example corridors, private kitchens, balconies, terraces, hotel rooms.

**HEAVY TRAFFIC:** Tiles suitable for areas subject to frequent foot traffic and heavy abrasion, for example shops, hotels, restaurants, bars, schools, offices. Particularly suitable for areas in direct contact with outside.

**EXTRA TRAFFIC:** Suitable for heavy traffic indoor and outdoor environments.

**TSE**  
TSI CERTIFICATE OF CONFORMITY TO DOUBLE STAR CRITERIA



**EN 14411**  
TURKISH STANDARD FOR CERAMIC TILES



**ISO 9001**  
CERTIFICATE OF QUALITY MANAGEMENT SYSTEMS



**OHSAS 18001**  
CERTIFICATE OF OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEMS



**ISO 14001**  
CERTIFICATE OF ENVIRONMENTAL MANAGEMENT SYSTEMS



**ISO 27001**  
INFORMATION SECURITY MANAGEMENT SYSTEMS



**CE**  
DECLARATION OF PERFORMANCE



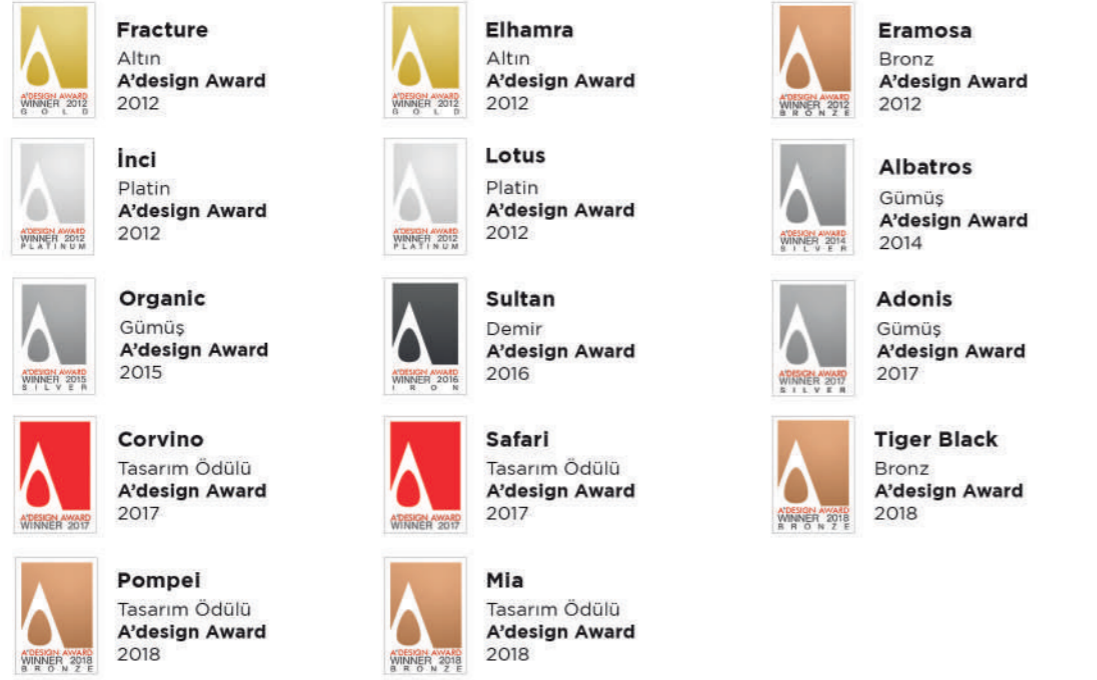
**AEO**  
AUTHORISED ECONOMIC OPERATOR CERTIFICATE





## AWARDS

### A'DESIGN AWARD



### IDA DESIGN AWARDS



### ELLE DECORATION INTERNATIONAL DESIGN AWARDS



### RAF ÖDÜLLÜ AWARD



### REDDOT DESIGN AWARD



*Bien*

SERAMİK | BANYO | MUTFAK

## USER'S MANUAL

The information provided below has been prepared in order to guide the user for achieving maximum efficiency in usage of the tiles and ensuring usage for a long time.

### SELECTION OF THE TILES

- Selection of ceramic materials has to be done with care in order that they are suitable for the usage conditions and they have a long life. Selection has to be made by taking into account the classification provided below based on the area of usage.
  1. Wall Tiles: For indoor walls
  2. Floor Tiles: For indoor floors and walls
  3. Porcelain Tiles: For indoor floors and walls, outdoor floors, walls and facades
  4. Technical Porcelain Tiles: For indoor floors and walls, outdoor floors, walls and façades
- Suitability of the products with the specifications of usage areas increases efficiency. As such, it would be beneficial to select products which are suitable for traffic intensity in areas where pedestrian traffic intensity is high. Information as to relevant traffic intensity is provided with the products.

### ISSUES TO BE CONSIDERED IN APPLICATION

- Instructions must be followed carefully while applying the tiles. Tone and calibration controls of the tiles must be made before the application and care should be taken to ensure that products to be applied to an area are in the same tone and calibration. Products, with patterns following each other, must be laid in the same direction. The relevant instructions are provided on the boxes.
- Tiles are also applied in twisted layout applications. Twisting method is frequently used especially in rectangular form wood-like products. There may be deformations according to TSI standards due to usage of very high temperature during production of tiles. As such, wedge application it is very useful while applying big size products. This method will eliminate the defects arising from floor and labor and minimize considerable deformation levels which can occur during the production.
- The tiles should be applied with a certain joint space. Relevant joint spaces should be as follows: minimum in 1 mm in rectified tiles and 2 mm for best results and minimum 2 mm in unrectified tiles and 3 mm for best results.

### USAGE CONDITIONS

- Ceramic tiles which cover living areas are getting more active and richer appearance with décor and border groups. As such, decorative purpose of décor and border products stands out more. The surface resistances and abrasion resistances of these products are not high compared to other products. Décor and border products contain metallic colors such as gold, platinum and copper. These products with metallic colors are abraded because of cleaning products which contains acid and they may get damaged by time. As such, décor and border products should not be cleaned with acid cleaning agents and must be cleaned with soap or with a damp cloth. You can see relevant information in our catalog near the product.



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Our company reserves its right to make changes to the packaging details and product features specified in this catalogue.





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