

2

Our brand

4

# Polished surfaces

**6** Cold polished surfaces

12 Cold polished surfaces 60x120 cm

**18** Warm polished surfaces

24 Warm polished surfaces 60x120 cm

# 30

# Matt surfaces

**32** Concrete

**38** Stone

**44** Wood

50

Technical info



| Porcelain stoneware (International standard) | Vitrified stoneware (Indian standard) | 9 mm thickness | Rectified Reflect your vibrant lifestyle Innovative proposals that capture and eturn light with evocative optical effects. Marble look, for architectural solutions characterized by an attractive reflective style. Polished surfaces 4 warm looks an<mark>d 14 co</mark>ld looks inspired by marbles of fascinati To ensure all the potential of design versatility. Floor: Black Marquina 60x120 cm



# Marble | Polished | Cold

Available sizes:			no. of face	
A	120 x	240	cm	2
В	80 x	160	cm	4
С	120 x	120	cm	4
D	60 x	120	cm	8



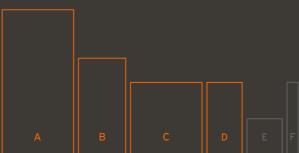
tile graphics preview have size 120x240 cm











## Marble | Polished | Cold

Αv	ailable sizes:	no. of face
Α	120 x 240 cm	2
В	80 x 160 cm	4
С	120 x 120 cm	4
D	60 x 120 cm	7



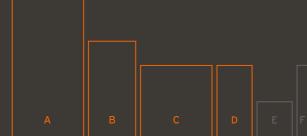
tile graphics preview have size 120x240 cm











Dolce Vita 60x120 cm

Cold polished surfaces

# ISPIRA

# Marble | Polished | Cold

Available sizes:		no. of faces
A	120 x 240 cm	3
В	80 x 160 cm	6
С	120 x 120 cm	6
D	60 x 120 cm	12



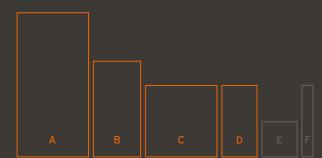
tile graphics preview have size 120x240 cm











# Dolce Vita

# Marble | Polished | Cold

Α	vailable sizes:	no. of face
Α	120 x 240 cm	2
В	80 x 160 cm	4
С	120 x 120 cm	4
D	60 x 120 cm	8



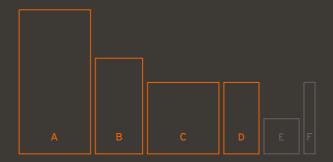
tile graphics preview have size 120x240 cm











# Grey Venezuela

## Marble | Polished | Cold

Available sizes:		no. of face
Α	120 x 240 cm	3
В	80 x 160 cm	7
С	120 x 120 cm	6
D	60 x 120 cm	11

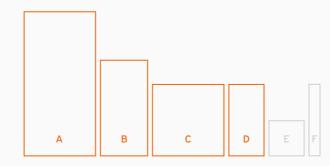


tile graphics preview have size 120x240 cm









# Sofia Grey

## Marble | Polished | Cold

Available sizes:		no. of face
Α	120 x 240 cm	4
В	80 x 160 cm	8
С	120 x 120 cm	8
D	60 x 120 cm	16



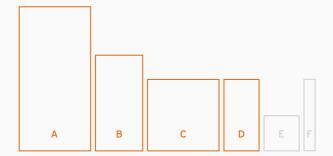
tile graphics preview have size 120x240 cm











# Grigio Serena

# Marble | Polished | Cold

Available sizes:		no. of face
Α	120 x 240 cm	4
В	80 x 160 cm	7
С	120 x 120 cm	8
D	60 x 120 cm	15



tile graphics preview have size 120x240 cm











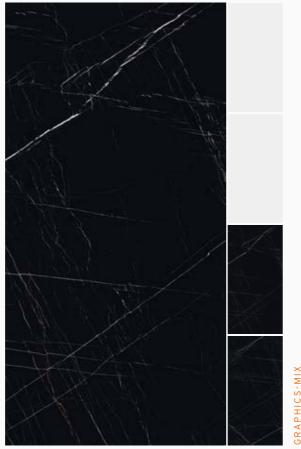




# Black Marquina

# Marble | Polished | Cold

IVIC	in bite i i onisiited	Colu
Αv	ailable sizes:	no. of fac
Α	120 x 240 cm	2
В	80 x 160 cm	4
С	120 x 120 cm	4
D	60 x 120 cm	8



tile graphics preview have size 120x240 cm



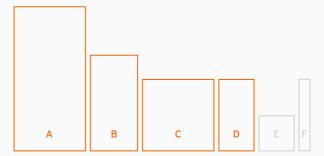














# ISPIRA

### Marble | Polished | Cold

Available sizes: no. of faces **D** 60 x 120 cm

# Earth Grey Light

### Marble | Polished | Cold

Available sizes: no. of faces **D** 60 x 120 cm

tile graphics preview have size 60x120 cm



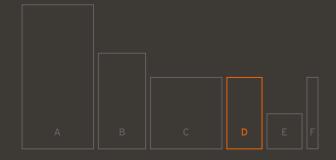


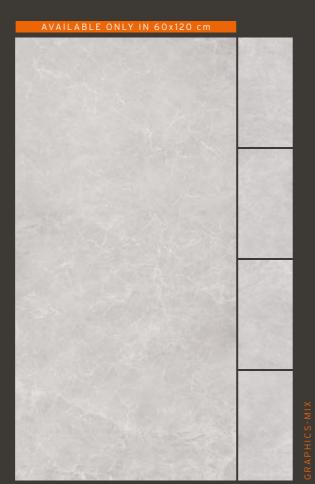












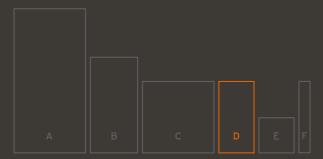
tile graphics preview have size 60x120 cm











# Earth Grey Dark

#### Marble | Polished | Cold

Available sizes: no. of faces **D** 60 x 120 cm

# Elegant Gris

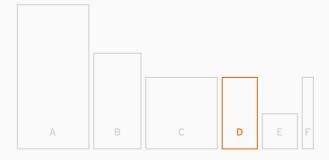
### Marble | Polished | Cold













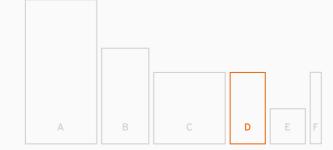
tile graphics preview have size 60x120 cm



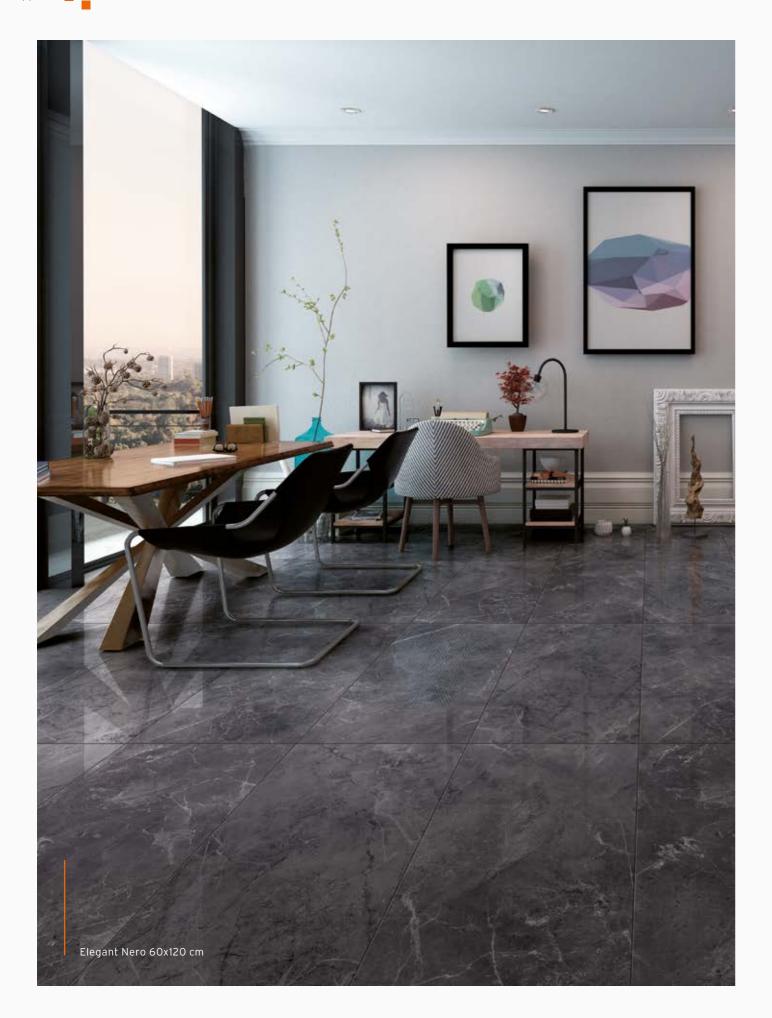












# Elegant Nero

# Marble | Polished | Cold

Available sizes: no. of faces **D** 60 x 120 cm 6

# Golden Portoro

### Marble | Polished | Cold



tile graphics preview have size 60x120 cm











tile graphics preview have size 60x120 cm







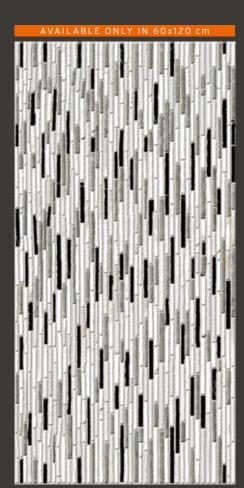






# Marble Decor Cold

# Marble | Polished | Cold



tile graphics preview have size 60x120 c





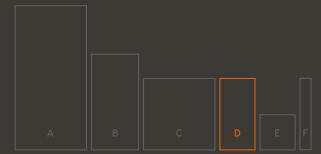


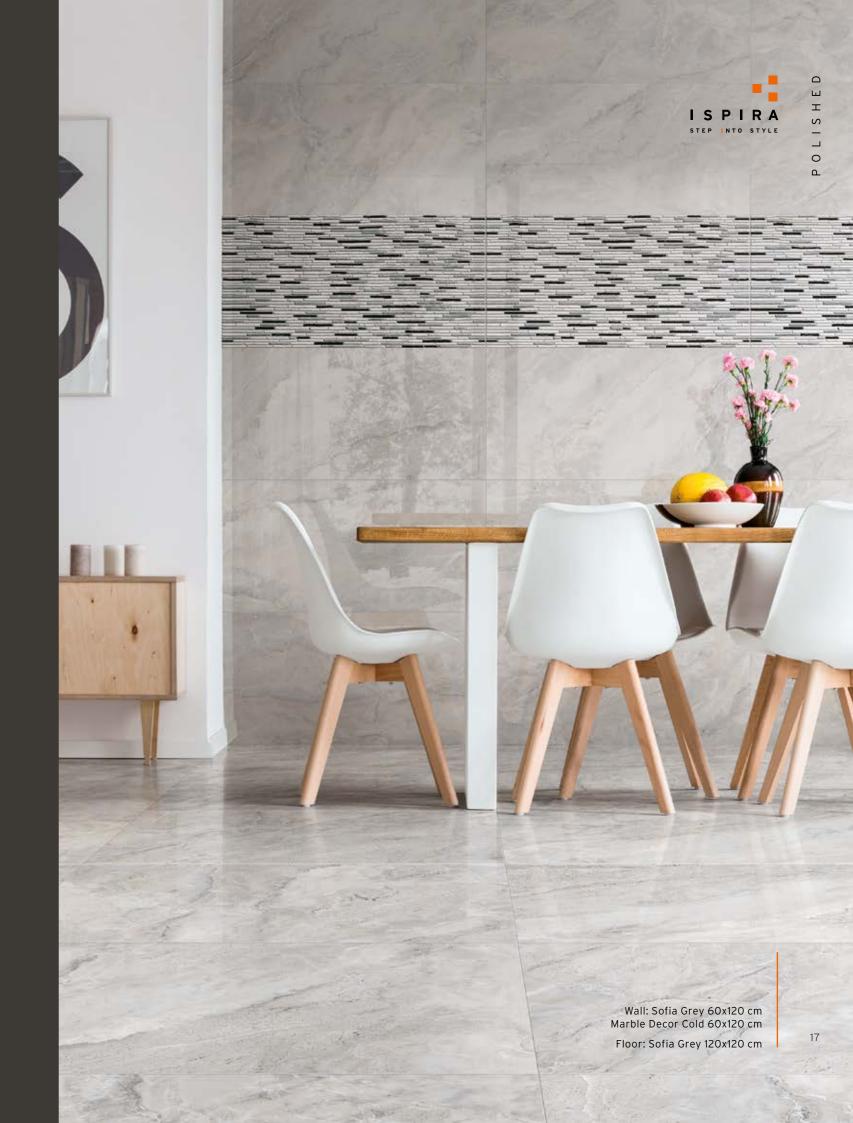
















### Marble | Polished | Warm

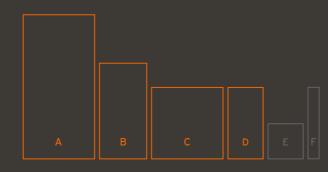
Available sizes: no. of faces **A** 120 x 240 cm **B** 80 x 160 cm **C** 120 x 120 cm **D** 60 x 120 cm



tile graphics preview have size 120x240 cm







# Honey Onyx

### Marble | Polished | Warm

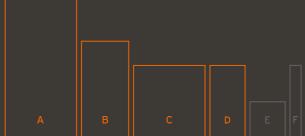
Available sizes: no. of faces **A** 120 x 240 cm **B** 80 x 160 cm **C** 120 x 120 cm **D** 60 x 120 cm



tile graphics preview have size 120x240 cm















# Arizona Beige

## Marble | Polished | Warm

Available sizes:		no. of faces
Α	120 x 240 cm	4
В	80 x 160 cm	8
С	120 x 120 cm	8
D	60 x 120 cm	12



tile graphics preview have size 120x240 cm

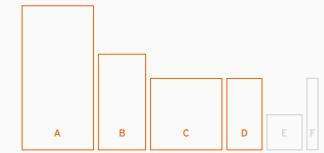












# Dyna

## Marble | Polished | Warm

Αv	ailable sizes:	no. of face
Α	120 x 240 cm	2
В	80 x 160 cm	3
С	120 x 120 cm	4
D	60 x 120 cm	7



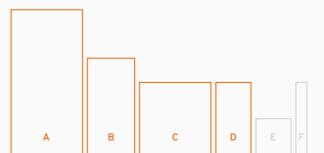
tile graphics preview have size 120x240 cm











# Crema Marfil

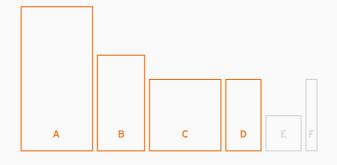
## Marble | Polished | Warm

Αv	ailable sizes:	no. of face
Α	120 x 240 cm	3
В	80 x 160 cm	6
С	120 x 120 cm	6
D	60 x 120 cm	12









# Beige Royal

## Marble | Polished | Warm

Available sizes:		no. of face
Α	120 x 240 cm	4
В	80 x 160 cm	8
С	120 x 120 cm	8
D	60 x 120 cm	16

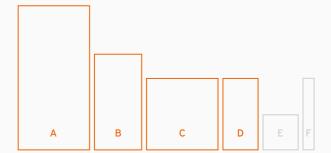












# Fiorito Beige

# Marble | Polished | Warm

A۷	ailable sizes:	no. of face
Α	120 x 240 cm	2
В	80 x 160 cm	4
С	120 x 120 cm	4
D	60 x 120 cm	8



tile graphics preview have size 120x240 cm





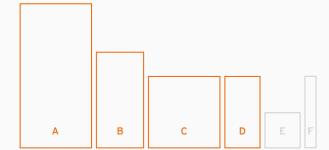












# Smoky Brown

# Marble | Polished | Warm

Αv	ailable sizes:	no. of fac
Α	120 x 240 cm	2
В	80 x 160 cm	4
С	120 x 120 cm	4
D	60 x 120 cm	8



tile graphics preview have size 120x240 cm





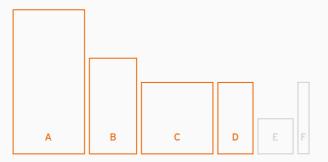
















# Earth Beige

### Marble | Polished | Warm

Available sizes: no. of faces **D** 60 x 120 cm

# Earth Brown

Available sizes: no. of faces **D** 60 x 120 cm

tile graphics preview have size 60x120 cm















#### Marble | Polished | Warm

tile graphics preview have size 60x120 cm



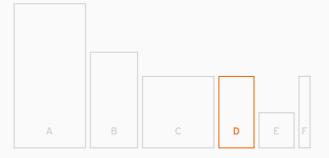












# Victoria Crema

#### Marble | Polished | Warm

Available sizes: no. of faces **D** 60 x 120 cm

# Victoria Beige

### Marble | Polished | Warm

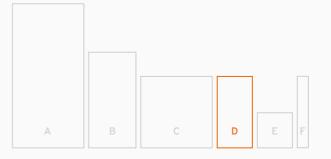












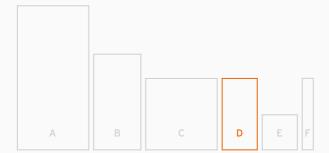












Bulgarian Beige 60x120 cm



# Bulgarian Crema

### Marble | Polished | Warm

Available sizes: no. of faces **D** 60 x 120 cm

# Bulgarian Beige

## Marble | Polished | Warm

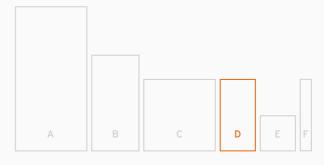














tile graphics preview have size 60x120 cm











# Marble Decor Warm

# Marble | Polished | Warm

Available sizes: no. of faces







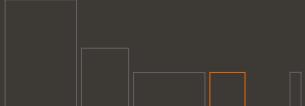














# Feel the nature of style

Fascinating solutions that return the beauty of the inspirational materials

in their natural essentiality.



Concrete, Stone and Wood, to find the most suitable natural accent for every location.

Inspiratio

6 looks inspired by the expressive power of concrete, 6 looks inspired by the natural character of the stones and

4 looks inspired by the warmth of natural wood.

**2** s

To propose a wide variety of installation solutions.

Matt surfaces

Wall: Prolith Crema 60x120 cr



### Concrete | Matt | Warm

Available sizes: no. of faces **D** 60 x 120 cm **E** 60 x 60 cm

# Stained Concrete Beige

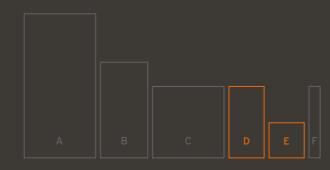
### Concrete | Matt | Warm

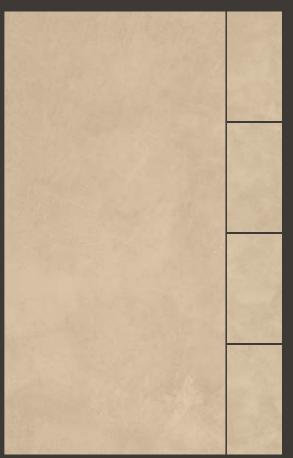
Available sizes: no. of faces **D** 60 x 120 cm **E** 60 x 60 cm





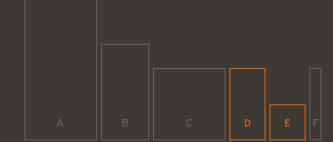






tile graphics preview have size 60x120 cm





Concrete

matt surfaces

Wall: Stained Concrete Taupe 60x120 cm Floor: Stained Concrete Beige 60x60 cm



# Stained Concrete Taupe

#### Concrete | Matt | Warm

Available sizes: no. of faces **D** 60 x 120 cm 4 **E** 60 x 60 cm

tile graphics preview have size 60x120 cm



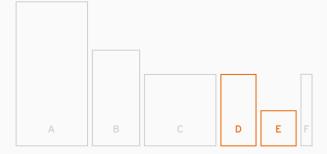








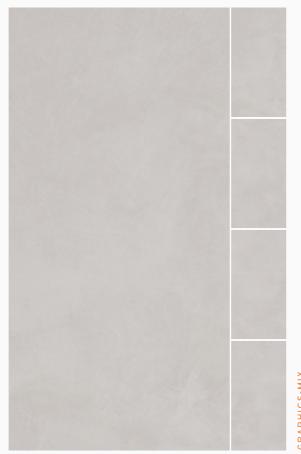




# Stained Concrete Bianco

#### Concrete | Matt | Cold

Available sizes: no. of faces **D** 60 x 120 cm **E** 60 x 60 cm



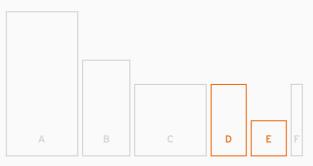
tile graphics preview have size 60x120 cm











# Stained Concrete Grigio

#### Concrete | Matt | Cold

Available sizes: no. of faces **D** 60 x 120 cm 4 **E** 60 x 60 cm

### Concrete | Matt | Cold

Available sizes: no. of faces **D** 60 x 120 cm **E** 60 x 60 cm

Stained Concrete Nero



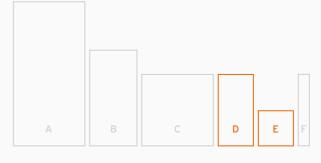












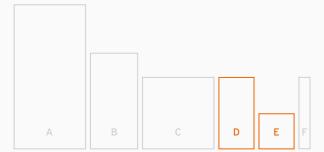


tile graphics preview have size 60x120 cm









# Stained Concrete Decor Warm

## Concrete | Matt | Warm

Available sizes: no. of faces **D** 60 x 120 cm 1



tile graphics preview have size 60x120 cm







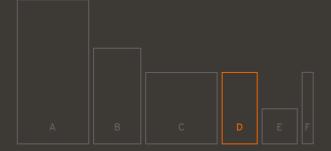






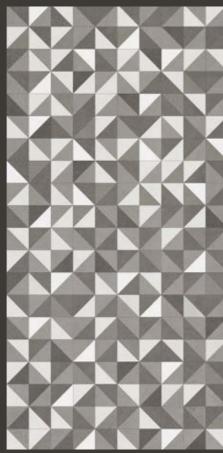






# Stained Concrete Decor Cold

## Concrete | Matt | Cold





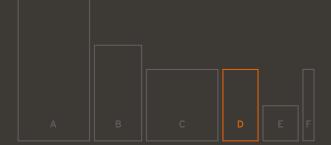
















## Stone | Matt | Cold

Available sizes: no. of faces **D** 60 x 120 cm **E** 60 x 60 cm

# Prolith Grigio Scuro

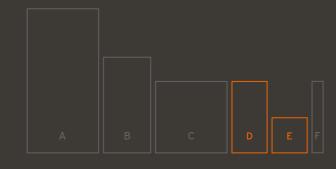
## Stone | Matt | Cold

Available sizes: no. of faces **D** 60 x 120 cm **E** 60 x 60 cm





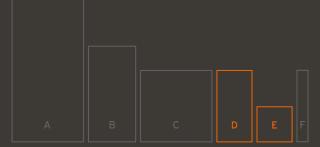






tile graphics preview have size 60x120 cm







Wall: Prolith Grigio Chiaro 60x60 cm Floor: Prolith Grigio Scuro 60x60 cm

# ISPIRA

# Prolith Nero

### Stone | Matt | Cold

Available sizes: no. of faces **D** 60 x 120 cm **E** 60 x 60 cm

tile graphics preview have size 60x120 cm





















# Prolith Crema

#### Stone | Matt | Warm

Available sizes: no. of faces **D** 60 x 120 cm **E** 60 x 60 cm



tile graphics preview have size 60x120 cm

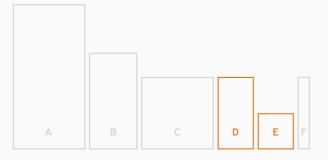












# Prolith Beige

### Stone | Matt | Warm

Available sizes: no. of faces **D** 60 x 120 cm **E** 60 x 60 cm



tile graphics preview have size 60x120 cm

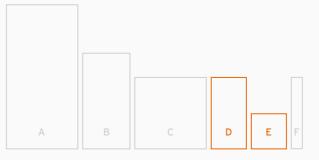












# Prolith Brown

#### Stone | Matt | Warm

Available sizes: no. of faces **D** 60 x 120 cm **E** 60 x 60 cm













# Prolith Decor Warm

### Stone | Matt | Warm

Available sizes: no. of faces **D** 60 x 120 cm 1







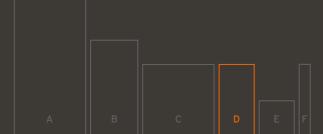












# Prolith Decor Cold

### Stone | Matt | Cold



tile graphics preview have size 60x120 cm





















# Urban-wood Light

#### Wood | Matt | Warm

Available sizes: no. of faces **F** 20 x 120 cm

tile graphics preview have size 20x120 cm



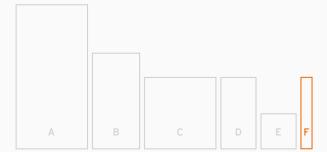












# Urban-wood Classic

#### Wood | Matt | Warm

Available sizes: no. of faces **F** 20 x 120 cm 12



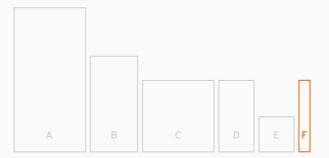
tile graphics preview have size 20x120 cm











# Urban-wood Natural

#### Wood | Matt | Warm

Available sizes: no. of faces **F** 20 x 120 cm

### Wood | Matt | Warm

Available sizes: no. of faces **F** 20 x 120 cm

Urban-wood Dark











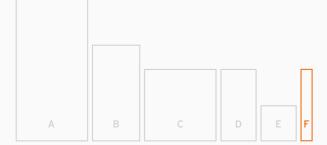












# Urban-wood Parquet Light

#### Wood | Matt | Warm

Available sizes: no. of faces **D** 60 x 120 cm 4

tile graphics preview have size 60x120 cm

















# Urban-wood Parquet Classic

#### Wood | Matt | Warm

Available sizes: no. of faces **D** 60 x 120 cm



tile graphics preview have size 60x120 cm

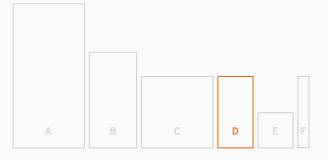












# Urban-wood Parquet Natural

#### Wood | Matt | Warm

Available sizes: no. of faces **D** 60 x 120 cm





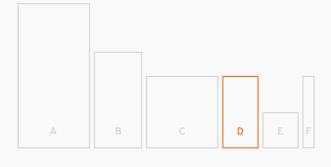












# Urban-wood Parquet Dark

#### Wood | Matt | Warm



tile graphics preview have size 60x120 cm











		•:
ΙS	ΡI	R A
STEP	NTO	STYLE

ARTICLE	SIZE	CODE	DESIGN	COLOUR
		F62ARBA0LR0	Arabescato	
		F62BLMK0LR0	Black Marquina	
		F62CRRAOLRO	Carrara	
		F62DLVA1LR0	Dolce Vita	
		F62ERTG2LR0	Earth Grey Dark	
		F62ERTG1LR0	Earth Grey Light	
Polished		F62ELTG0LR0	Elegant Gris	
surfaces		F62ELTKOLRO	Elegant Nero	Cold
54.74555	60x120 cm	F62GPIKOLRO	Golden Portoro	
	30.1.20 5	F62VNZG0LR0	Grey Venezuela	
		F62GRIGOLRO	Grigio Serena	
		F62LLCA0LR0	Lilac White	
		F62MRBM2LR1	Marble Decor - Cold	en Portoro  Venezuela  io Serena  White  Die Decor - Cold  a Grey  uario  Dana Beige  e Royal  arian Crema  na Marfil  a h Beige  h Brown  to Beige  ey Onyx  Die Decor - Warm  al Beige  ky Brown  Dria Beige  bria Crema  escato  k Marquina  ara  e Vita  Venezuela  io Serena  white  a Grey  Dana Beige
		F62SFIG1LR0	Sofia Grey	
		F62SISAOLRO	Statuario	
		F62ARZB0LR0	Arizona Beige	
		F62BR0B0LR0	Beige Royal	
		F62BULB0LR0	Bulgarian Beige	
		F62BULB1LR0		
		F62CMFB0LR0		
		F62DNABOLRO F62ERTBOLRO	Dyna Earth Beige	
		F62ERTF0LR0	Earth Brown	Warm
surfaces		F62FRTB0LR0		Walli
	60x120 cm	F62HNYB0LR0	Honey Onyx	
		F62MRBM1LR1		
		F62RGBB0LR0	Regal Beige	
		F62SMKF0LR0	Smoky Brown	
		F62VCIBOLRO	Victoria Beige	
		F62VCIB1LR0	Victoria Crema	
		F12ARBAOLRO	Arabescato	
		F12BLMK0LR0	Black Marquina	
		F12CRRAOLRO	Carrara	
		F12DLVA1LR0	Dolce Vita	Cold
surfaces		F12VNZG0LR0	Grey Venezuela	Colu
		F12GRIGOLRO	Grigio Serena	
	120x120 cm	F12LLCA0LR0	Lilac White	
		F12SFIG1LR0	Sofia Grey	
		F12ARZB0LR0	Arizona Beige	
		F12BROBOLRO	Beige Royal	
		F12CMFB0LR0	Crema Marfil	
		F12DNABOLRO	Dyna	Warm
surfaces		F12FRTB0LR0	Fiorito Beige	
		F12HNYBOLRO	Honey Onyx	
	120x120 cm	F12RGBB0LR0	Regal Beige	
		F12SMKF0LR0 F14ARBA0LR0	Smoky Brown Arabescato	
		F14BLMKOLRO	Black Marquina	
		F14CRRAOLRO	Carrara	
		F14DLVA1LR0	Dolce Vita	
surfaces		F14VNZG0LR0	Grey Venezuela	Cold
		F14GRIGOLRO	Grigio Serena	
	120×240 cm	F14LLCA0LR0	Lilac White	
	120x240 cm	F14SFIG1LR0	Sofia Grey	
		F14ARZB0LR0	Arizona Beige	
		F14BROBOLRO	Beige Royal	
		F14CMFB0LR0	Crema Marfil	
		F14DNABOLRO	Dyna	Warm
surfaces		F14FRTB0LR0	Fiorito Beige	Wallin
		F14HNYB0LR0	Honey Onyx	
	120x240 cm	F14RGBB0LR0	Regal Beige	
		F14SMKF0LR0	Smoky Brown	

ARTICLE	SIZE	CODE	DESIGN	COLOUR		
		F86ARBAOLRO	Arabescato			
		F86BLMK0LR0	Black Marquina			
		F86CRRAOLRO	Carrara			
		F86DLVA1LR0	Dolce Vita	Cold		
surfaces		F86VNZG0LR0	Grey Venezuela	Colu		
	80x160 cm	F86GRIGOLRO	Grigio Serena			
	802100 CIII	F86LLCA0LR0	Lilac White			
		F86SFIG1LR0	Sofia Grey			
		F86ARZB0LR0	Arizona Beige			
		F86BROB0LR0	Beige Royal			
		F86CMFB0LR0	Crema Marfil			
Polished		F86DNAB0LR0	Dyna	Warm		
surfaces		F86FRTB0LR0	Fiorito Beige	vvariii		
	80x160 cm	F86HNYB0LR0	Honey Onyx			
	302100 6111	F86RGBB0LR0	Regal Beige			
		F86SMKF0LR0	Smoky Brown			
		F60PLTB0NR0	Prolith Beige			
		F60PLTF0NR0	Prolith Brown			
		F60PLTB1NR0	Prolith Crema			
		F60PLTG0NR0	Prolith Grigio Chiaro			
		F60PLTG1NR0	Prolith Grigio Scuro			
Matt		F60PLTK0NR0	Prolith Nero	Cold/Warm		
surfaces		F60SCNB1NR0	Stained Concrete Avorio	Colu/ Wal III		
	60x60 cm	F60SCNB0NR0	Stained Concrete Beige			
		F60SCNG1NR0	Stained Concrete Bianco			
		F60SCNG0NR0	Stained Concrete Grigio			
		F60SCNK0NR0	Stained Concrete Nero			
		F60SCNF0NR0	Stained Concrete Taupe			
		F62PLTB0NR0	Prolith Beige			
		F62PLTF0NR0	Prolith Brown			
		F62PLTB1NR0	Prolith Crema			
		F62PLTM2NR1	Prolith Decor Cold			
		F62PLTM1NR1	Prolith Decor Warm			
		F62PLTG0NR0	Prolith Grigio Chiaro			
		F62PLTG1NR0	Prolith Grigio Scuro			
Matt		F62PLTK0NR0	Prolith Nero	Cold/Warm		
surfaces		F62SCNB1NR0	Stained Concrete Avorio	Colu/ Wal III		
	60x120 cm	F62SCNBONRO	Stained Concrete Beige			
		F62SCNG1NR0	Stained Concrete Bianco			
		F62SCNM2NR1	Stained Concrete Decor Cold			
		F62SCNM1NR1	Stained Concrete Decor Warm			
		F62SCNGONRO	Stained Concrete Grigio			
		F62SCNKONRO	Stained Concrete Nero			
		F62SCNF0NR0	Stained Concrete Taupe			
		F22URWB0NR0	Urban-wood Classic			
Matt		F22URWF1NR0	Urban-wood Dark	Warm		
surfaces	20x120 cm	F22URWB1NR0	Urban-wood Light	Warm		
		F22URWF0NR0	Urban-wood Natural			
		F62URWB0NR0	Urban-wood Parquet Classic			
Matt		F62URWF1NR0	Urban-wood Parquet Dark			
Matt surfaces				Warm		
	60v120 em	F62URWB1NR0	Urban-wood Parquet Light			
	60x120 cm	F62URWF0NR0	Urban-wood Parquet Natural			

# ISPIRA STEP INTO STYLE

# Packaging & shipping

Packaging & delivery

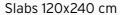
Packaging is a fundamental element of customer service, being aimed at allowing maximum use of space/weight available and to minimize the risk of breakages, even on bumpy roads.

Ispira's packaging standards are based on carefully designed box and pallet packaging for the optimal load of trucks and containers.

That is very important when large tiles format are to be delivered and Ispira Logistics Department has devised a number of packaging system depending on product sizes and means of transport, including Euro-size pallets and metal A-frames.

Though shipping usually takes place under the customer's responsibility, Ispira is fully committed to help clients manage this activity in the best possible way.

Ispira's Customer Service Department works with clients and logistic companies to arrange for shipments and to guarantee that loading and unloading procedures are properly carried out, in particular at destination.





Standard europallet

### Standard size tiles (other sizes)



# **Domestic Packing Details**

Nominal Size cm	Thickness mm	Pcs. x box	Sq. mtr x box	Sq. Ft x box	Weight x box (kg)
120x240	9	1	2,87	30,92	61
120x120	9	2	2,87	30,89	62
80x160	9	2	2,55	27,45	54
60x120	9	2	1,43	15,42	30
20x120	9	6	1,42	15,32	30
60x60	9	4	1,43	15,40	31

## Size

Nominal Size cm	Actual Size cm
120x240	119,8x239,8
80x160	79,8x159,8
120x120	119,8x119,8
60x120	59,8x119,8
20x120	19,8x119,8
60x60	59,8x59,8

## **Export Packing Details**

Nominal Size cm	Thickness mm	Pcs. x box	Sq. mtr x box	Weight x box (kg)	Box x pallet	Sq. mtr x pallet	Pallet weight (kg)
120x240	9	1	2,87	61	34	97,68	2139
120x120	9	2	2,87	62	24	68,88	1543
80x160	9	2	2,55	54	28	71,40	1577
60x120 Euro Pallet	9	2	1,43	30	32	45,82	1025
60x120 Normal Pallet	9	2	1,43	30	68	97,38	2105
20x120	9	6	1,42	30	33	46,86	1020
60x60	9	4	1,43	31	40	57,20	1270



# Installation guidelines

#### 1. Handling



- To prevent breakage, we recommended to keep all Large Format Tiles in their original packaging during handling.
- Tiles measuring 60x120 cm or less can be handled by hand.
- To handle Large Format Tiles, we recommend to use lifting tools with a sufficient load capacity.
- The use of forklift is recommended; however, it has to be equipped with following fork details:
  - minimum length of 1.2 m if the crates are handled resting on the long side
  - minimum length of 2.1 m if the crates are handled resting on the short side
- It is recommended that you handle the A Frame individually.

#### 2. Cuttina



 When cutting Large Format Tiles, we recommend to use professional dry cutters. Using other tools may lead to uneven cuts or breakage of the materials. It is recommended to check the cutter blade before any cut. A damaged blade increases the risk of damaging.

#### 3. Background



 Prepare a screed with a perfectly flat, dust-free surface, with no cracks or other visible damage.
 The ideal height difference should be no more than 3 mm, measured using a 2 m spirit level

## 4. Laying with adhesives



- We recommend laying with this technique, which should be carried out by suitably qualified workers with appropriate equipment.
- While choosing the adhesive, we recommend you
  to bear in mind the following: type of Large Format
  Tiles (group to which they belong and size), type of
  surface to be tiled and intended use of room.
- To make corrections, we recommend you to check the material before the adhesive dries

#### 5. Joints



- Deciding where to position the joints is also a part of the work which should be entrusted to qualified workers.
- · The joints must be positioned:
  - on structural connections (structural joints)
  - between the wall and the floor (perimeter joints)
  - between one tile and another (laying joints or gaps)
  - between tiles and other materials (e.g. pairings between ceramic, linoleum, or wood).
- A 2 mm joint space is suggested for all sizes.
- For Large Format Tiles, a 2 mm joint is strongly recommended, as well as proper positioning of spacers on floor sides.
- Thanks to a 0.8 caliber (meaning that a 1200x2400 mm minimal size actually measures 1198x2398 mm), different sized tiles can be used within a single floor pattern, while still achieving perfect laying.

# 6. Use of levelers during the installation



- For optimum surface performances, it is strongly recommended to use a floor leveling system.
- This solution also acts as a spacer for joints, thus contributing to make the installation more accurate.

#### 7. Grouting



- We recommend you to use grout with the same colour as the product.
- We recommend you to wait for the adhesive to dry completely before grouting the joints.
- We also advise you to ensure there is no adhesive or dust in the joints.
- Both cement & epoxy grout can be used. It is not recommended to use grouting with coloured pigments in contrast with colour of tiles.
- We recommend you to grout no more than 4-5 square metres of tiling at a time. This applies in particular when laying textured, non-slip and polished tiles.
- You are advised to remove all excess grout from the tile surface while the grout is still wet, working in diagonal movements. This applies in particular to tiles laid in outdoor areas.
- Use a damp sponge and perfectly clean water to thoroughly clean the entire tiled surface and the ioints.
- We then recommend that you dry the surface with a damp cloth.
- Considering how quickly epoxy grouts set, if these are used, we recommend you to clean the excess grout off immediately with a sponge and plenty of water.
- On the day after grouting, you should give the laid tiles a second cleaning with alkaline detergents.

#### 8. Cleaning after laying



- Thorough initial cleaning is essential to ensure the tiles a long-lasting appearance over time.
   It should not be carried out until at least 4 to 5 days after laying and grouting but no later than 10 days afterwards.
- For washing, we advise you to use an acid-based product, diluted according to the instructions

- provided by the manufacturer. However, we advise against the use of products containing hydrofluoric acid or derivatives thereof.
- It is a good idea to use a piece of unlaid tile, or a hidden part of the laid tiles, to check the resistance of the ceramic surface to the acid. This applies in particular when laying honed or polished tiles.
- When you start washing, it is worthwhile soaking the tiled surface first of all, focussing in particular on the joints. The acid solution must be left to work for no more than two minutes and must never be left to dry.
- To remove the acid solution, one of the following methods should be used: single-brush machine equipped with a non-abrasive disc, a wet vacuum, or washing by hand. After removing the solution, we recommend you rinse the tiled surface thoroughly.
- In the event that machines are used, we suggest that you finish off the job by hand in the harder to reach spots, such as the corners of the walls.

# 9. Ordinary cleaning and care of surfaces



- For ordinary cleaning, simply wash with warm water and cloths and/or soft sponges. If necessary, neutral detergents can also be used. If you have non-neutral detergents, remember to test their effects on a piece of an unlaid tile or on a hidden part of the tiled surface.
- Abrasive cleaners should not be used on glossy and/ or polished tiles; this kind of detergent can be used on tiles with matt surfaces though; In the event, you should still test the effects on a piece of an unlaid tile or on a hidden part of the tiled surface.
- We also advise against the use of soaps, waxes, or rinse aids.
- To remove traces of grease or oil on the surfaces, we suggest you use detergents with organic or alkaline solvents (pH> 9), rinsing properly at the end.
- In large areas, appropriate industrial washer-dryers can be used, taking care to finish off drying by hand where necessary.
- Abrasive tools (such as metal pads or rigid brushes) should not be used on tiled surfaces.

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### ISPIRA Quality Standards

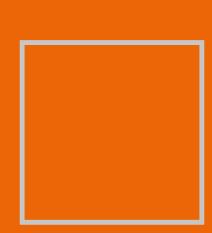
| Porcelain stoneware (International standard) | Vitrified stoneware (Indian standard) | 9 mm thickness | Rectified

N F 0

T E C H N I C A L

Standards according to ISO 13006: Annex G - EN 14411: Annex G. Dry - Pressed Ceramic Tiles.

TEST PROPERTIES	TEST METHOD	UNIT	ISO 13006:2018(E) E <sub>v</sub> ≤0.5% GROUP Bla	ISPIRA VALUES (GVT / PGVT)				
				SIZE < 12	200 mm	SIZE > 1200	mm (SLABS)	
				%	mm	%	mm	
Width	ISO 10545 - 2	mm	± 0.3%	± 0.1%	± 0.8 mm	± 0.1%	±1mm	
Length	ISO 10545 - 2	mm	± 0.3%	± 0.1%	± 0.8 mm	± 0.1%	± 1.2 mm	
Thickness	ISO 10545 - 2	mm	± 5.0%	± 4%	± 0.5 mm	± 4%	± 0.5 mm	
Straightness of Side	ISO 10545 - 2	mm	± 0.3%	± 0.1%	± 0.8 mm	± 0.1%	± 1 mm	
Rectangularity	ISO 10545 - 2	mm	± 0.3%	± 0.1%	± 1.3 mm	± 0.1%	± 1.5 mm	
Surface Flatness	ISO 10545 - 2	mm	± 0.4%	± 0.1%	± 1.8 mm	± 0.2%	± 3 mm	
Surface Quality	ISO 10545 - 2		A minimum of 95% of the tiles are to be free from visible defects which can impair the appearance of a major area of tiles	95	95%		5%	
Water Absorption	ISO 10545 - 3	%	≤ 0.5%, Individual 0.6%		0.08%, ıal 0.2%	Avg. ≤ 0.08%, Individual 0.2%		
Modulus of Rupture	ISO 10545 - 4	N/mm²	Min. 35, Individual Min. 32	Min. 42		Min. 42		
Breaking Strength	ISO 10545 - 4	N	Not less than 1300	Min. 1800		Min. 1800		
Moisture Expansion	ISO 10545 - 10	mm/n		0,02		0,02		
				GVT	PGVT	GVT	PGVT	
Mohs Hardness of surface	NA			7	4	7	4	
Coefficient of linear thermal expansion from ambient temperature to 100 °C	ISO 10545 - 8	K¹	As declared by the Manufacturer	6x10 <sup>-6</sup>	K¹ max	6x10 <sup>-6</sup>	K¹ max	
Thermal Shock Resistance	ISO 10545 - 9		As declared by the Manufacturer	No damage		No da	mage	
Crazing Resistance: glazed tiles	ISO 10545 - 11		Required		nage for Cycles	No damage for Min. 10 Cycles		
Bulk Density	NA	gr/cc	2,2	2,2		2,2		
Impact Resistant	ISO 10545 - 5		As declared by the Manufacturer	0,55		0,55		
Frost Resistant	ISO 10545 - 12		As declared by the Manufacturer	No change		No ch	nange	
Small colour differences	ISO 10545 - 16		Plain coloured tiles only where required GL: ΔE < 0.75 UGL: ΔE < 1.0	No change		No ch	nange	
Resistance to staining	ISO 10545 - 14	Class	Minimum Class 3	Cla	ss 4	Cla	ss 4	
Resistance to household chemicals and swimming pool salts	ISO 10545 - 13	Class	Minimum B	Com	Compliant		Compliant	
Resistance to acids & alkalis	ISO 10545 - 13	Class	As declared by the Manufacturer	Com	pliant	Com	oliant	



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