PORCELAIN TILES | 2021

INDEX

Introduction	4-7
Glazed Porcelain	
Size 60x120 cm	8-35
Size 80x80 cm	36-49
Size 60x60 cm	50-69
Size 59.3x59.3 cm	70-91
Technical Specifications - GP	92
Packing Details - GP	93
Models Index	94-95

ABOUT US

Established in 1989, 'GEMMA' has become the leading manufacturer of high-end Ceramic and Porcelain tiles in Egypt and the Middle East. A renown name in Ceramics Industry; our tiles are recognized for matching beauty and variety with craftsmanship and durability. Today, our products enhance the appear-ance and function of homes and businesses in over 64 countries spanning the globe. In 2009, GEMMA expanded its production facilities with the opening of our new plant in Sadat City, an addition that placed us at the forefront of the global ceramics industry. Sophisticated production methods have allowed us to recreate the textures of stone, wood and sand, everything from metallic sheens to delicate floral ara-besques.

The luxury tile of Egypt

Our Mission

From day one, the company's ambitions extended far beyond simply making and selling products. It wanted to create 'The Best' complete solution – a lifestyle, an aura and a world of sensations that would connect with and grace the lives of customers who expect nothing less than the best.

Originality By Design

At the heart of GEMMA for the past quarter of a century has been a flair for original, contemporary, life-enhancing design. The company's design schemes are versatile and adaptable, sensitive to international trends, yet influenced by the rich decorative traditions of the region and the distinctive textures of the natural world.

Investing In Growth – Driven By Technology

For a quarter of a century, investment in cutting-edge technologies has been the driving force behind GEMMA's advancements in design, innovation and production capacity. It has made the company the leading manufacturer of high-end ceramic and porcelain tiles in the Middle East – and a respected design pioneer on the world stage.

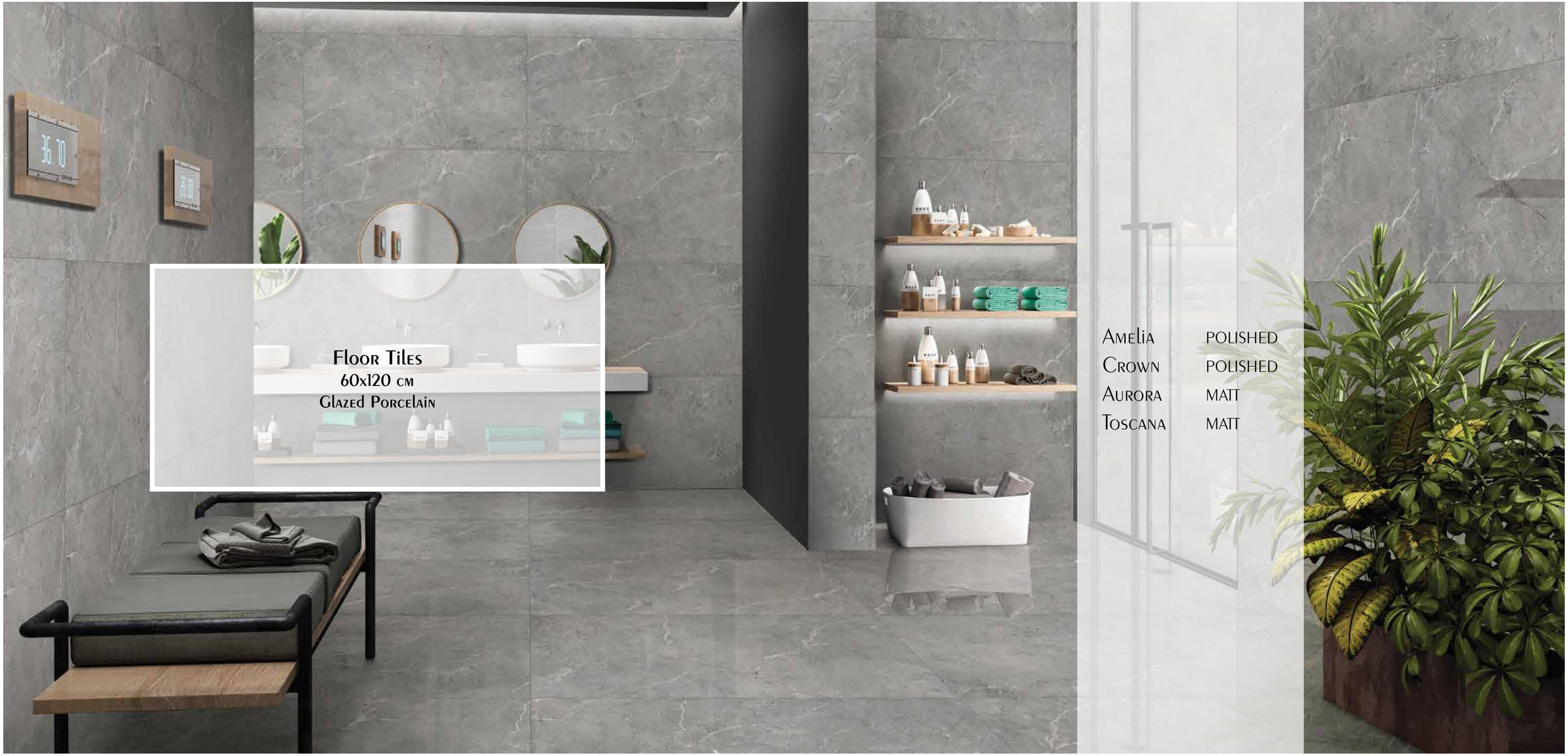
Building A Worldwide Reputation

GEMMA upholds its international profile by exhibiting at the world's leading interior design exhibitions. Only the world's foremost producers are invited to attend prestigious trade fairs such as Cersaie in Bologna and Cevisama in Valencia. Here the most influential manufacturers, architects and designers come together to share inspiration and expertise, and to sample the very best in interior design from around the globe.

GEMMA has exhibited at Cersaie since the early nineties, with its presence growing exponentially throughout the years – an expansion that reflects GEMMA's growing reputation on the global stage.

Taking Tiles to New Territories

GEMMA's export story began in 1992 with its first-ever overseas shipment taking tiles to Russia, Ukraine and the wider Middle-East. Today, GEMMA is recognized as an internationally important ceramics producer and supplier, with a market penetration that reflects the trust clients have in the quality of its products and the reliability of its delivery services.



Floor Tiles
60x120 cm
Glazed Porcelain

Amelia	POLISHED
Crown	POLISHED
Aurora	MATT
Toscana	MATT

Amelia 60x120 cm

Glazed Porcelain
POLISHED / RECTIFIED

White

Grey

Amelia 60x120 cm

Glazed Porcelain
POLISHED / RECTIFIED

Anthracite

Geometric

Crown 60x120 cm

Glazed Porcelain
POLISHED / RECTIFIED

Beige

Dark Beige

Crown 60x120 cm

Glazed Porcelain
POLISHED / RECTIFIED

Beige

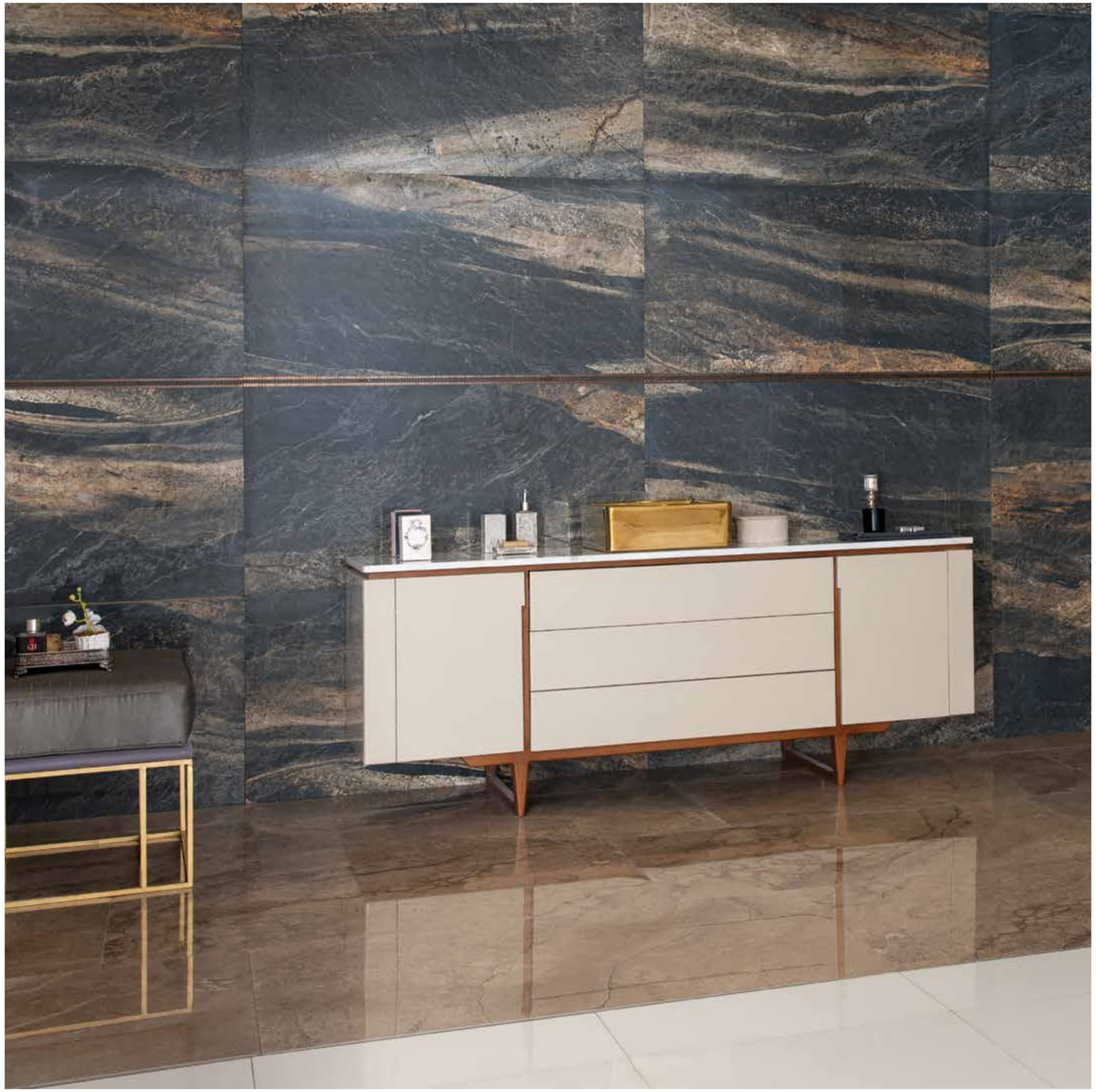
Brown

Crown 60x120 cm

Glazed Porcelain
POLISHED / RECTIFIED

Beige

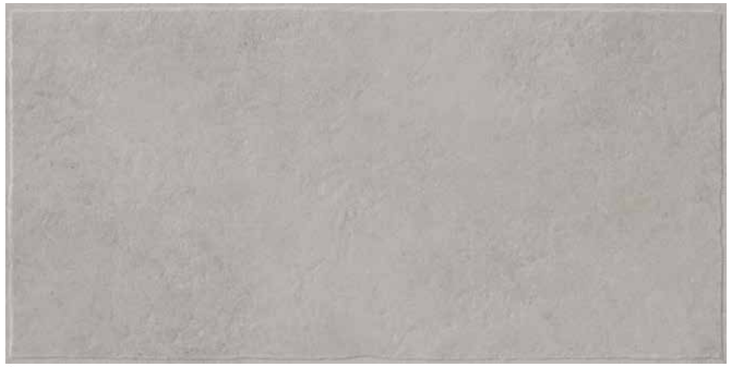
Anthracite



Toscana 60x120 cm

Glazed Porcelain
MATT / RECTIFIED

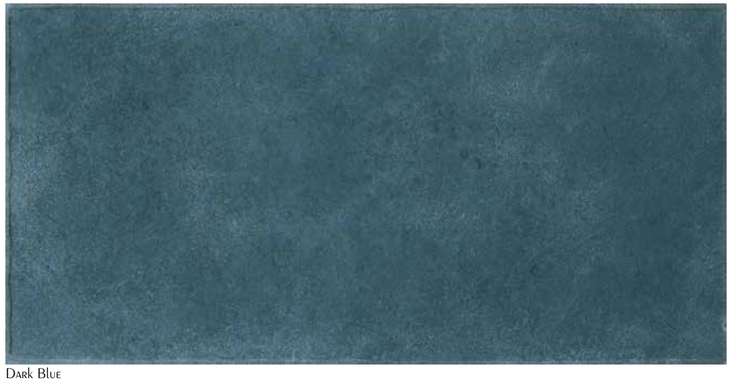
White



Grey

Toscana 60x120 cm

Glazed Porcelain
MATT / RECTIFIED



Dark Blue

Geometric

Toscana 60x120 cm

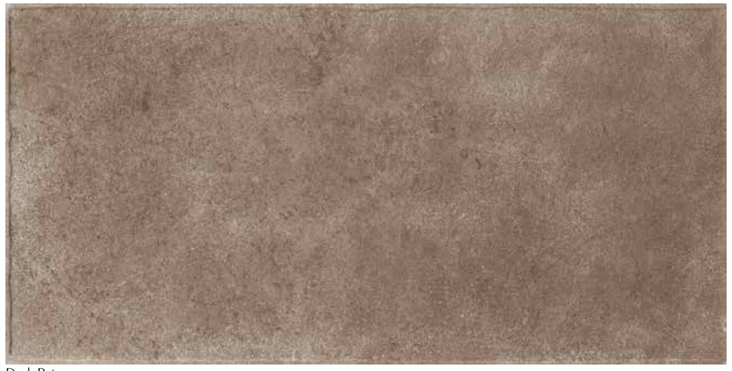
Glazed Porcelain
MATT / RECTIFIED

Beige

Beige Geometric

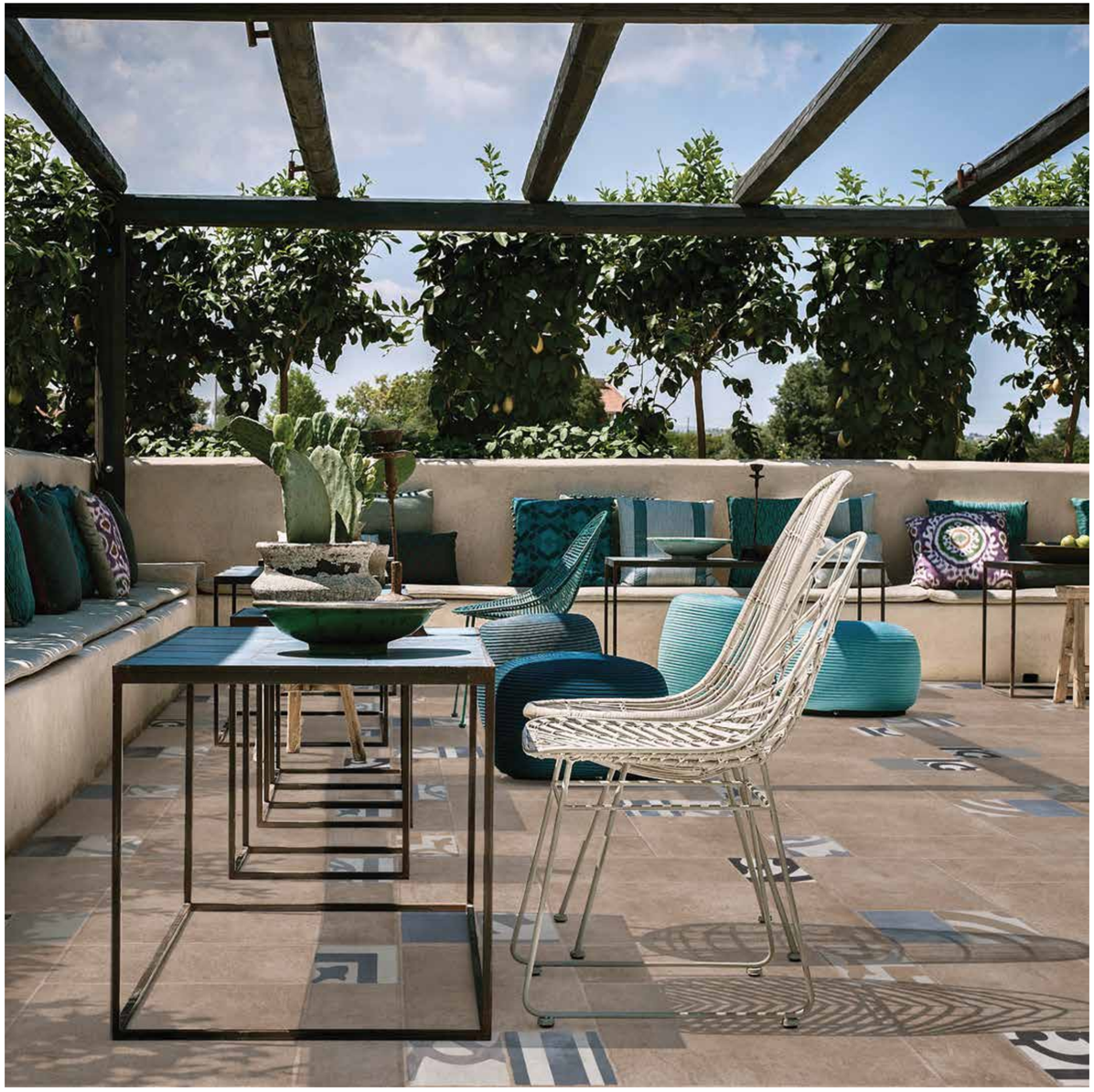
Toscana 60x120 cm

Glazed Porcelain
MATT / RECTIFIED



Dark Beige

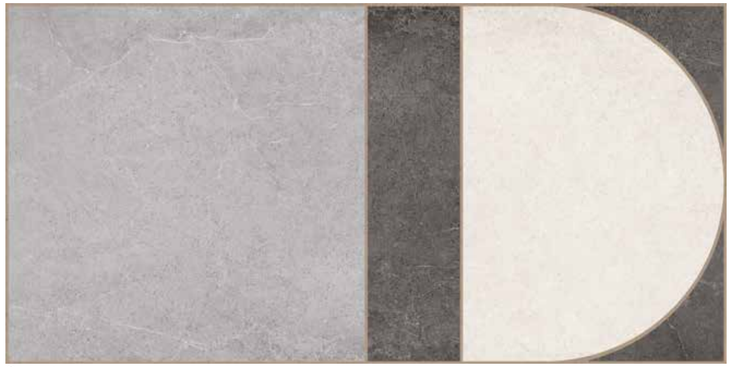
Dark Beige Geometric



Aurora 60x120 cm

Glazed Porcelain
MATT / RECTIFIED

Ivory

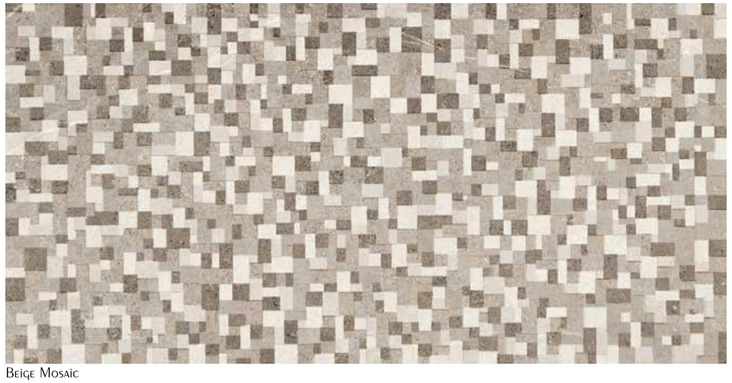


Geometric

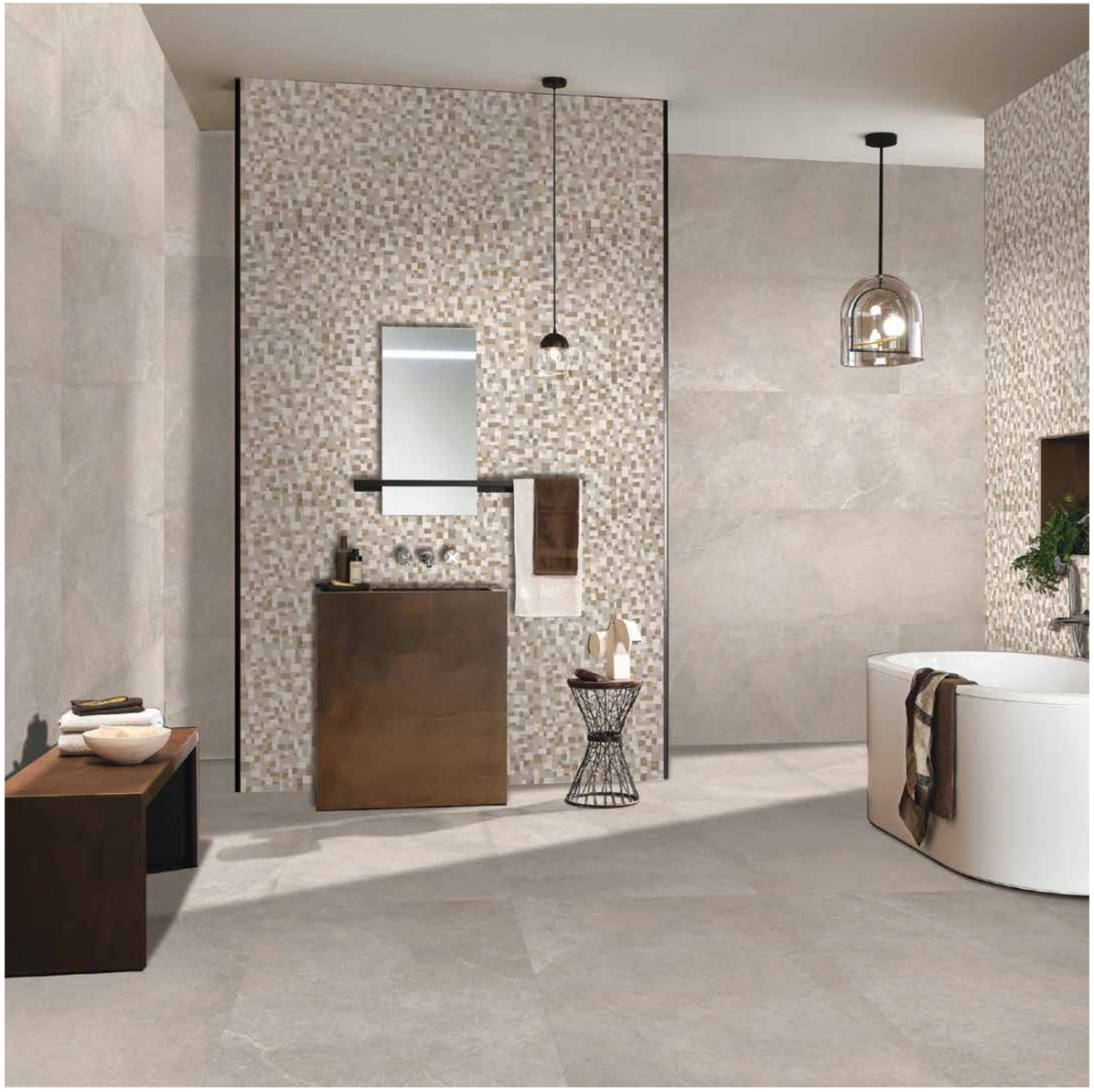
AURORA 60x120 cm

Glazed Porcelain
MATT / RECTIFIED

Beige



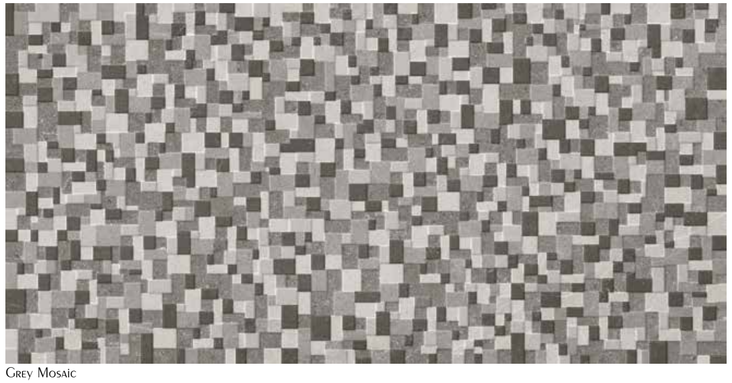
Beige Mosaic



Aurora 60x120 cm

Glazed Porcelain
MATT / RECTIFIED

Grey



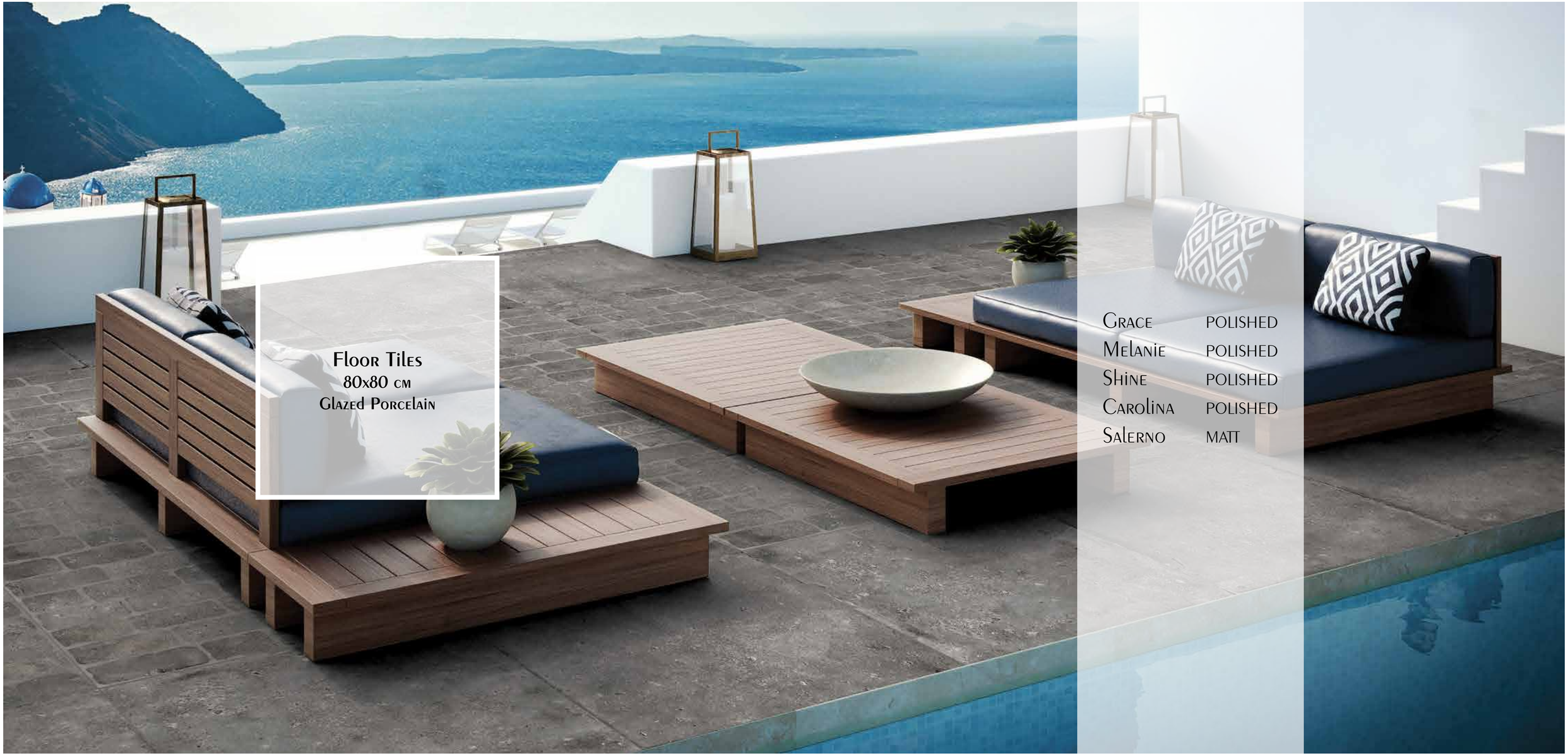
Grey Mosaic

Aurora 60x120 cm

Glazed Porcelain
MATT / RECTIFIED

Anthracite

Geometric



Floor Tiles
80x80 cm
Glazed Porcelain

Grace	POLISHED
Melanie	POLISHED
Shine	POLISHED
Carolina	POLISHED
Salerno	MATT

Grace 80x80 cm

Glazed Porcelain
POLISHED / RECTIFIED

Dark Beige

Dark Beige

Anthracite

Anthracite

Melanie 80x80 cm

Glazed Porcelain
POLISHED / RECTIFIED

Grey

Grey

Ivory

Ivory

SHINE 80x80 CM

Glazed Porcelain
POLISHED / RECTIFIED

Grey

Grey

Grey

Grey

Carolina 80x80 cm

Glazed Porcelain
POLISHED / RECTIFIED

Ivory

Ivory

Grey

Grey

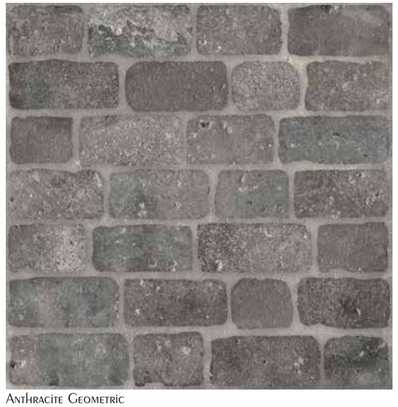
Salerno 80x80 cm

Glazed Porcelain
MATT / RECTIFIED

White

Anthracite

White Geometric


Anthracite Geometric

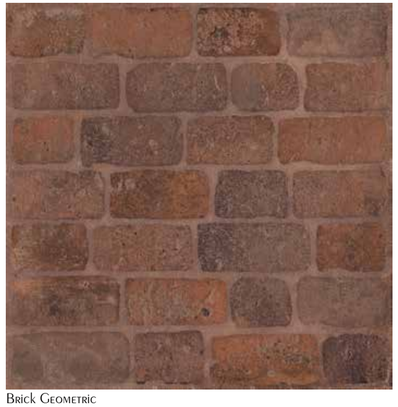
Salerno 80x80 cm

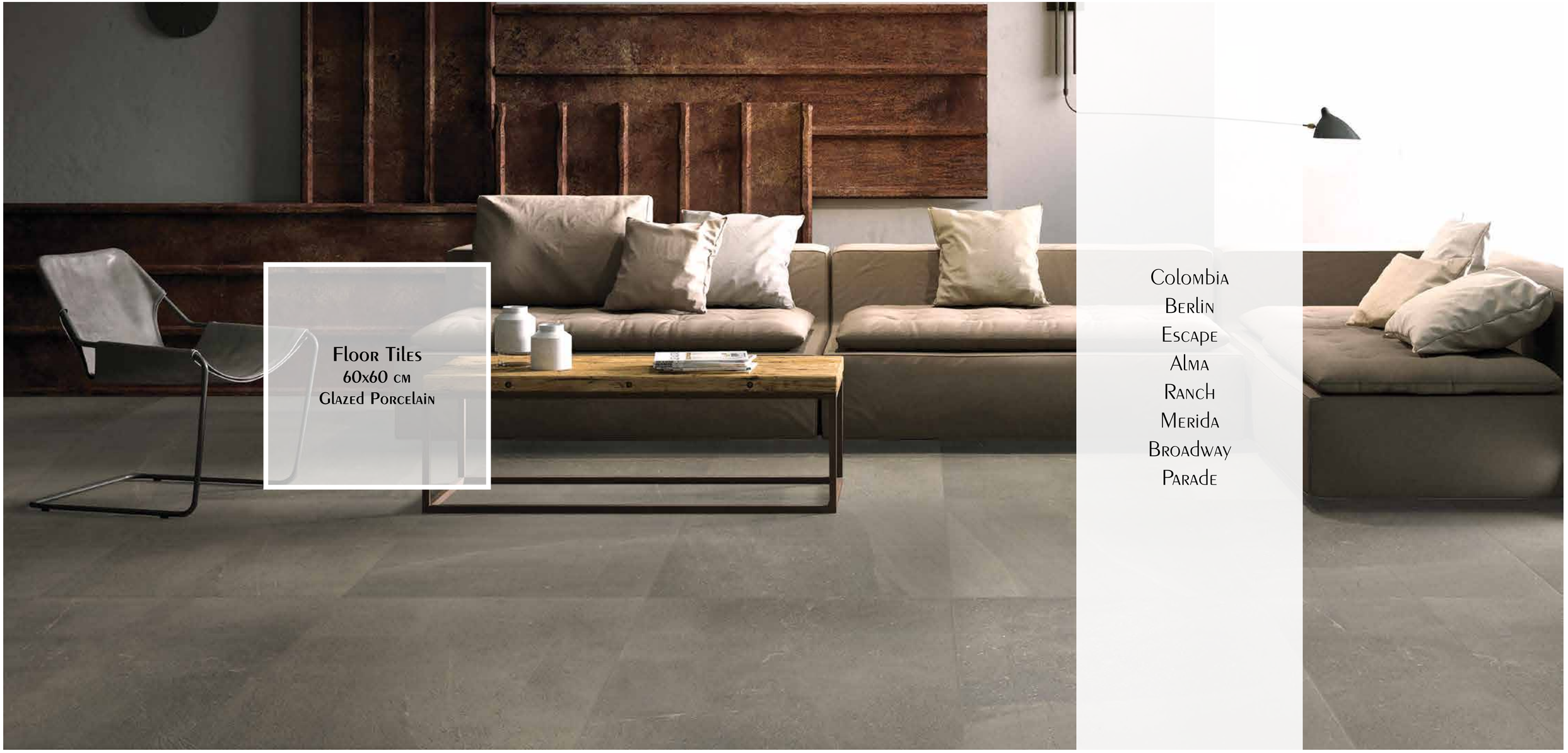
Glazed Porcelain
MATT / RECTIFIED

Ivory

Brick

Ivory Geometric


Brick Geometric



Floor Tiles
60x60 cm
Glazed Porcelain

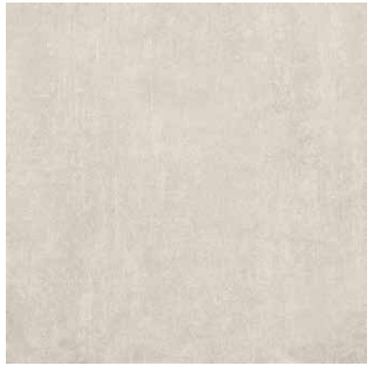
Colombia
Berlin
Escape
Alma
Ranch
Merida
Broadway
Parade

Colombia 60x60 cm

White

White

Grey



Ivory

Berlin 60x60 cm

Grey

Beige

Escape 60x60 cm

Beige

Grey

Alma 60x60 cm

Ivory

Ivory

Dark Grey

Geometric

Ranch 60x60 cm

Ivory

Brown

Ivory Stripe

Brown Stripe

Merida 60x60 cm

Ivory

Ivory

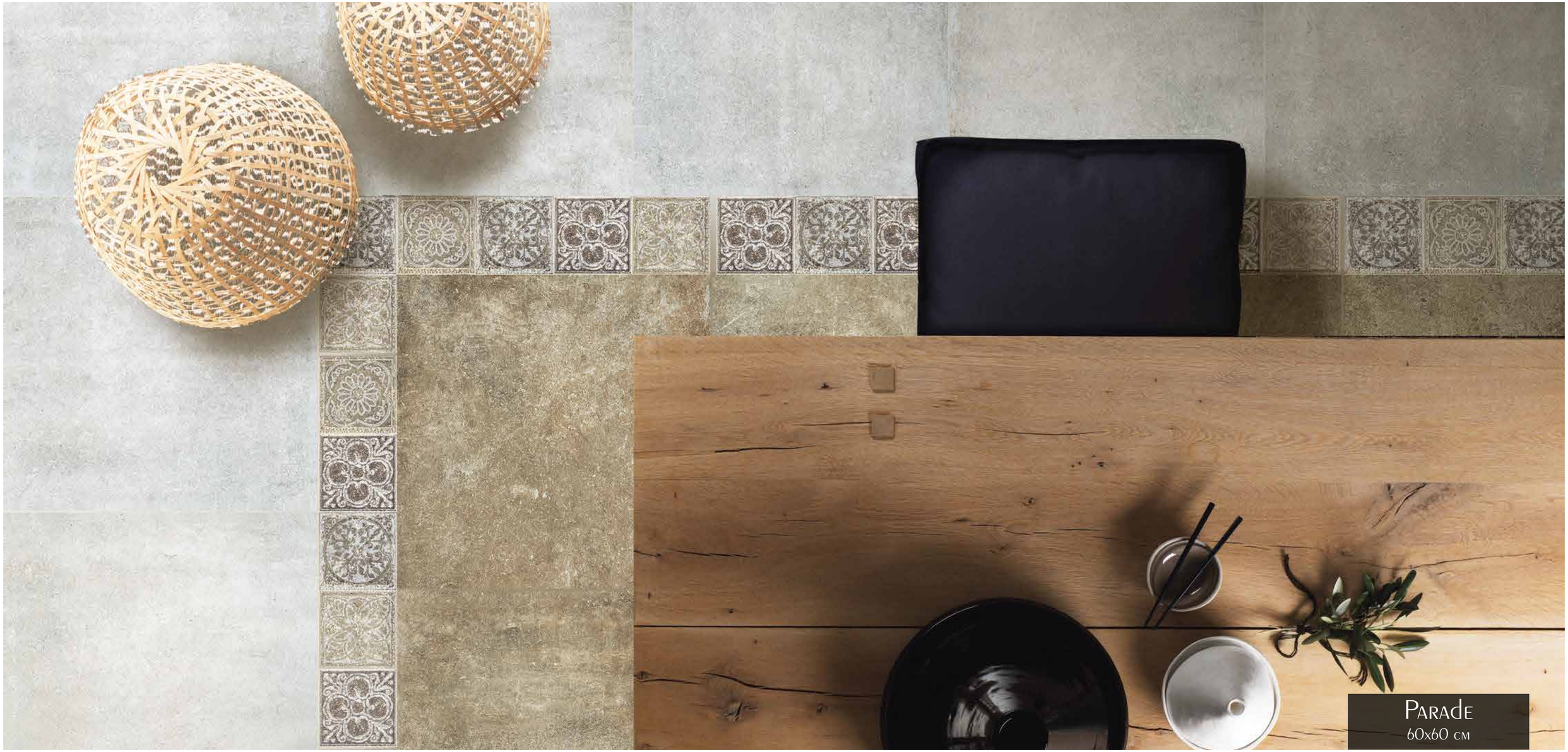
Anthracite

Anthracite

Broadway 60x60 cm

Ivory

Grey


Parade
60x60 см

Parade 60x60 cm

Ivory

Anthracite

Ivory Stone

Taco
15x15 cm

Ivory

Brown

Ivory Stone

Brown Stone

Floor Tiles
59.3x59.3 cm
Glazed Porcelain
Polished / Rectified

Malaga
Porto
Tokyo
Toronto
Amsterdam
Iceland
Mayfair
Montreal
Perla
Dublin

Malaga 59.3x59.3 cm

Ivory

Ivory

Porto 59.3x59.3 cm

Ivory

Ivory

Tokyo 59.3x59.3 cm

Beige

Beige

Toronto 59.3x59.3 cm

Grey

Grey

Amsterdam 59.3x59.3 cm

Ivory

Ivory

Grey

Beige

Iceland 59.3x59.3 cm

Iceland

Iceland

Mayfair 59.3x59.3 cm

Ivory

Ivory

Montreal 59.3x59.3 cm

Montreal

Montreal

Perla 59.3x59.3 cm

Ivory

Ivory

Dublin 59.3x59.3 cm

Beige

Beige

Technical Specifications

Glazed Porcelain

	Test Description	EN 14411 & ISO 13006 (Group BI_a)	Gemma Standards	Test Reference
cm.	Dimension & Surface quality	Specified & Required	Complying	ISO 10545 - 2
% H_2O	Water Absorption (percent by mass)	E≤ 0.5% individual maximum .6%	E≤ 0.5% individual maximum .6%	ISO 10545 - 3
	Breaking strength in N	)Thickness≥ 7.5 mm) Not less than 1300 N	Not less than 1300 N	ISO 10545 - 4
	Modules of rupture (in N/mm^2)	(Thickness≥ 7.5 mm) Minimum 35 N/mm^2	Minimum 35 N/mm^2	ISO 10545 - 4
	Impact Resistance	declared Value	e ≥ 0.55	ISO 10545 - 5
	Resistance to Surface Abrasion for Glazed Tile	Report Abrasion Class Cycles Passed	PEI 2-4	ISO 10545 - 7
	Linear thermal expansion cofficient	declared Value	$<90 \times 10^{-7} \times K^{-1}$	ISO 10545 - 8
	Thermal shock resistance	PASS	Resistant	ISO 10545 - 9
	Crazing resistance	PASS	Resistant	ISO 10545 - 11
	Resistance to staining (Glazed Tiles)	Minimum Class 3	Minimum Class 3	ISO 10545 - 14
	Resistance to chemicals			ISO 10545 - 13
	a) Resistance to low conc. of acids & alkalis	delclared value	GLA	
	b) Resistance to High conc. of acids & alkalis	delclared value	GHA	
	c) Resistance to household Chemical &swimming pool salts of glazed tiles	Minimum Class B	Minimum Class B	
LD	lead release	delclared value	< 0.1 mg/dm^2	ISO 10545 - 15
CD	Cadmium release	delclared value	< 0.01 mg/dm^2	
	Coefficient of friction	delclared value	Dynamic Class 1 < 0.4 - Class 2 ≥ 0.4	
	Frost resistance	delclared value	PASS	ISO 10545 - 12

Packing Details

Glazed Porcelain

Formats (cm)

	50x50	59.3x59.3 Rectified	60x60	80x80 Rectified	60x120 Rectified
Thickness in mm	10	10.2	10.2	11.5	11.5
Tiles/Sqm	4	2.84	2.77	1.56	1.39
Tiles/Carton	5	3	3	2	2
Sqm./Carton	1.25	1.055	1.08	1.28	1.44
Kg./Carton	28	24.50	25	33	39
Carton/Pallet	36	48	48	40	33
Sqm./Pallet	45.00	50.64	51.84	51.20	47.52
Kg./Pallet	1,010	1,195	1,219	1,340	1,312
Pallet/Container	24	20	20	19	18
Sqm./Container	1,260.00	1012.80	1036.80	972.80	855.36
Kg./Container	24,240	23,900	24,380	25,460	23,616

Models Index

MODEL	PAGE
Size 60x120	**9**
Amelia	11
Aurora	29
Crown	15
Toscana	21
Size 80x80	**37**
Carolina	45
Grace	39
Melanie	41
Salerno	47
Shine	43
Size 60x60	**51**
Alma	59
Berlin	55
Broadway	65
Colombia	53
Escape	57
Merida	63
Parade	67
Ranch	61
Size 59.3x59.3	**71**
Amsterdam	81
Dublin	91
Iceland	83
Malaga	73
Mayfair	85
Montreal	87
Perla	89
Porto	75
Tokyo	77
Toronto	79

GEMMA

www.gemma.com.eg