FLOOR GRES

OUTDOOR # 12MM

GRES FINE PORCELLANATO - FINE PORCELAIN STONEWARE - GRES CERAME FIN - FEINSTEINZEUG-KOLLEKTIONEN - GRES PORCELANICO FINO - ФАРФОРОВЫЙ КЕРАМОГРАНИТ



12MM

OUTDOOR



EL valor
de nuestra identidad

The Value Of Our Identity

With a range of more than 3000items, Our group has been adding to the prestige of Indian-made coverings word-wide since decates, and is constantly demonstrating its commitment to the Creation of ceramics with high technical and stylistic value, characterised by leading-edge design of an excellence reflected by international prices and awards.

Its creation are the outcome of research and development conducted in-house, a heritage of unique know-how that provides the basis for yet more unique materials. Creations that are evolved by combining the innovation of groundbreaking technologies, with the skill of the craft tradition, in absolute compliance with the strictest standards on the sustainability of both process and product.

ForSpinoraGroup,Qualityandaboveall QualityinInnovationisthekeystoneof everyactivity,thevaluethatmustunderlie itsmarketidentity,andwhichitmust systematicallydelivertoitsownpartners. Itisonlythroughresearchandinnovation thatsomethinguniqueandexclusivecan reallybecreated,becauseitisthrough thechoiceofthematerialstobeplaced inthespacesaroundusthatwechange ourqualityoflife.Producingtransparency throughqualityoffacts.

Our Numbers

More than
12 mln sqm

More than
7.5mln sqm
Warehouse capacity

More than
650
Employees

More than
60,000 sqm
Building Area

45+
Countries Served

More than
3000
Worldwide Customer

Our Locations



#12MM

3/4 MM EXTRA THICK PORCELAIN SURFACES

MADE IN INDIA



thickness
spessore
epaisseur
dicke
espesor
толщина

OUTDOOR

• THICKENED FLOOR

New solution in thick porcelain stoneware for outdoor furnishings. 12 mm thick colored fine gres porcelain stoneware slabs obtained from the automization of fine clays, quartz and metal oxides pressed at 250 kg/cm2, completely sintered at a temperature of 1200 °C and then subjected to squaring with abrasive wheel system.

• FIELDS OF APPLICATION.

Outdoor furniture in private homes:
gardens, terraces, patios, driveways, swimming pools.

Outdoor - indoor furniture in public environments:
industrial areas, street furniture, wellness and hospitality areas, swimming pools, public parks.

FLOOR GRES

OUTDOOR # 12MM

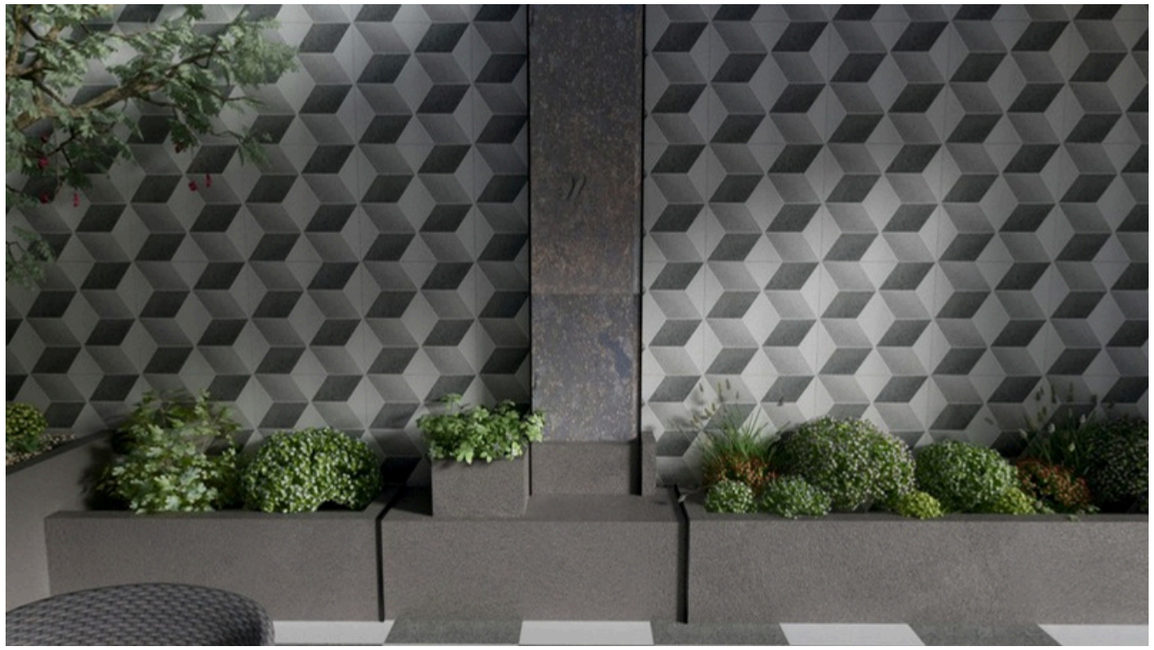
GRES FINE PORCELLANATO - FINE PORCELAIN STONEWARE - GRES CERAME FIN - FEINSTEINZEUG-KOLLEKTIONEN - GRES PORCELANICO FINO - ФАРФОРОВЫЙ КЕРАМОГРАНИТ

Transform spaces like homes, patios, commercial establishments, and more with high slip and skid-resistant tiles most ideal for application on floors to transform them into spaces safe to move worry-free.



Application on Floor





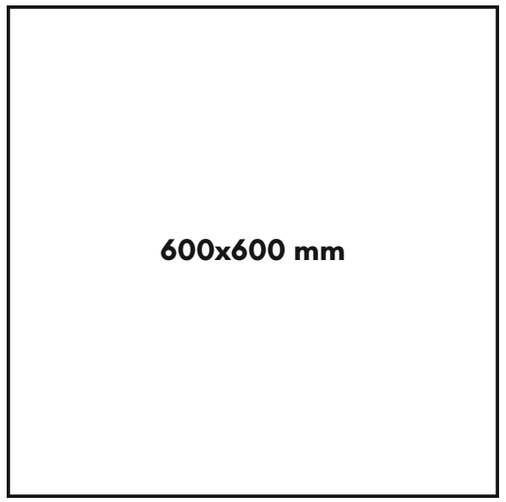
Application on Wall



Versatile form and functionality make the collection ideal for multiple applications like on the wall. The ideal thickness and weight of the tiles allow wall application for rugged interior and exteriors of spaces facing weather, heavy use and other atrocities of modern-day use.

DASHING SIZES & THICKNESS FOR DIVERSE SPACES

The OutLook Collection offers an outstanding range of tiles that comes in sizes of 600x600mm.
The diverse and versatile sizes offer wider application possibilities to your spaces with different tiling needs.





12 mm
Thickness

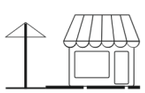


Mandatory 4mm Spacer (Grout)

RANGE OF POSSIBLE APPLICATION



URBAN AREA



SEASIDE RESORTS



PARKING LOTS



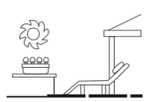
MALL AREAS



INDUSTRIAL AREAS



SIDEWALKS AND PEDESTRIAN AREAS



TERRACES

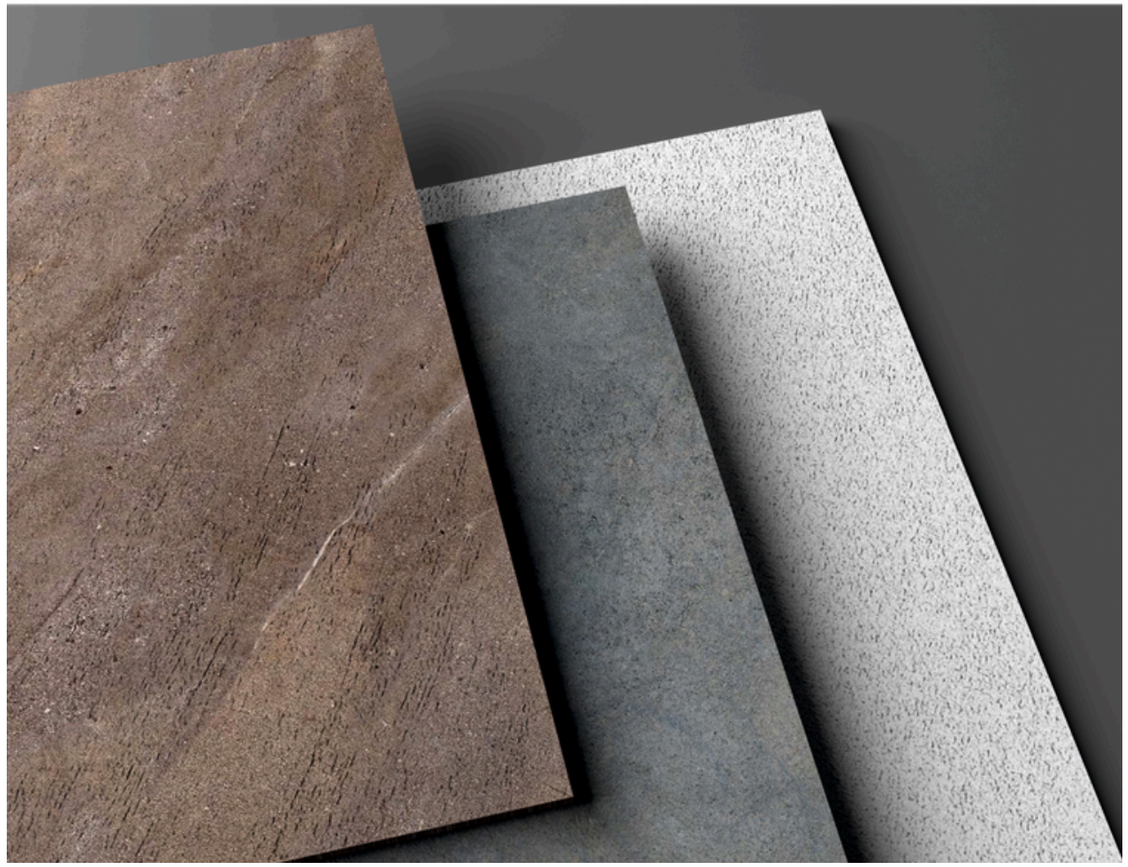


GARDENS AND PUBLIC AREAS

GIVING YOUR SPACE A NEW STRENGTH & STYLE







The OutLook Collection has an excellent range of dynamic sizes and functional features that promises reliability and robustness in heavy footfall areas.The finish, high-quality raw material and robustly built 12mm thickness exuberates features like resistance from frost, slip, break, chemical, stain and many more.

OUTLOOK

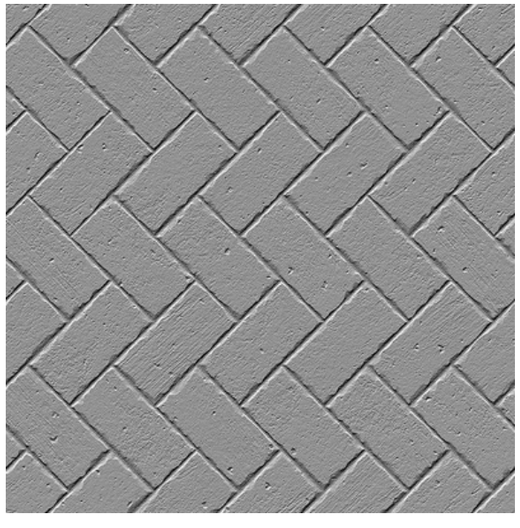
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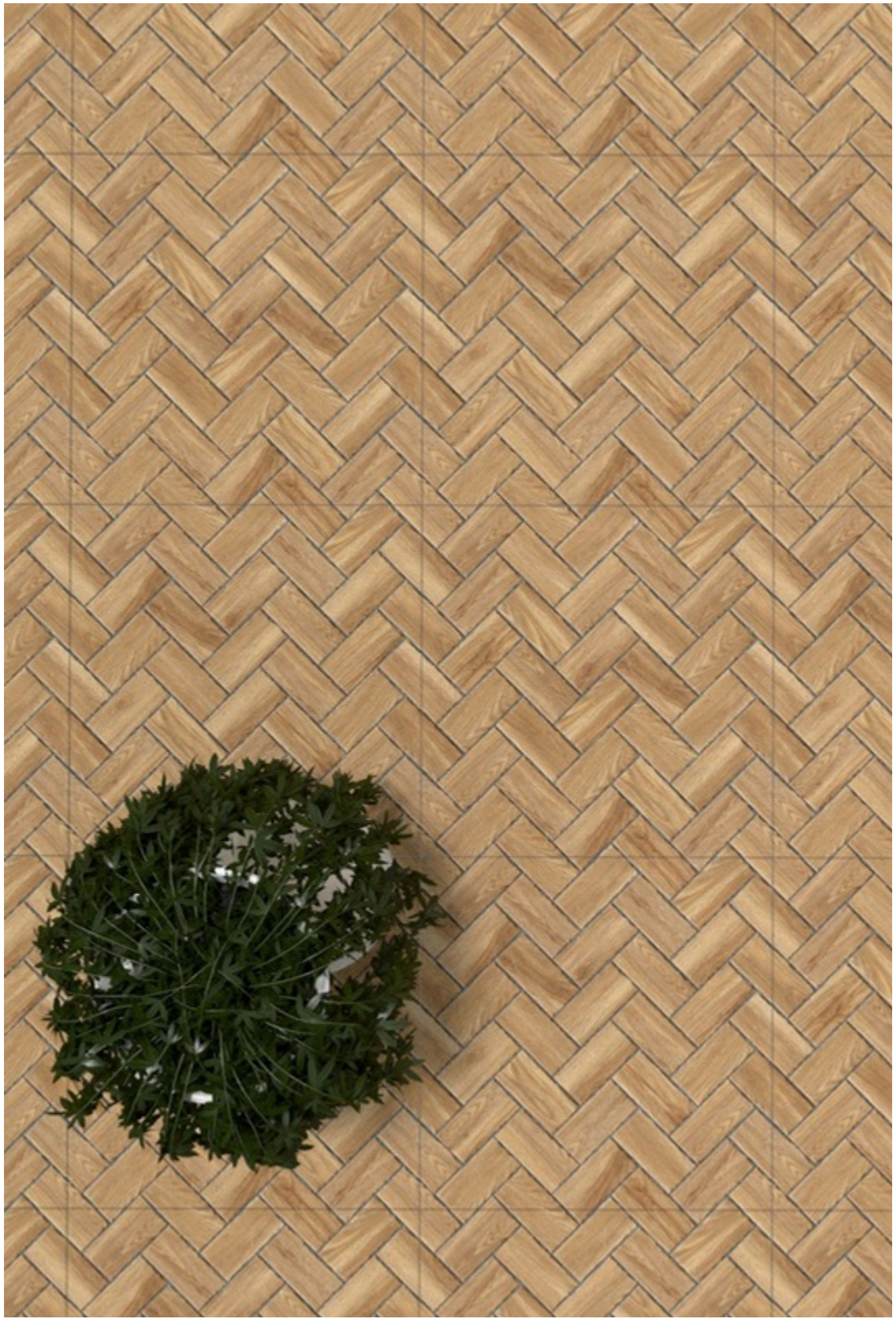
LADRILLO

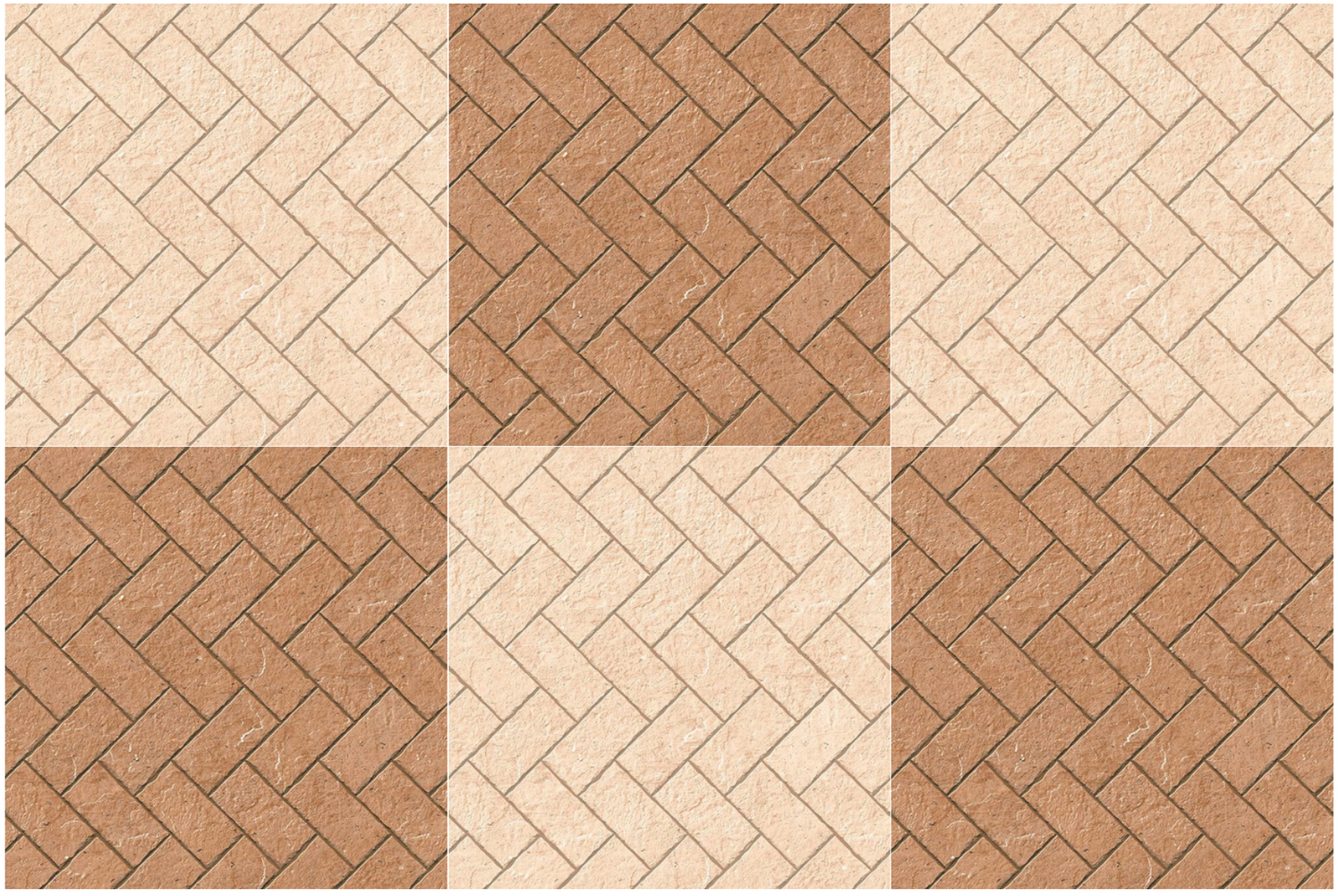
Series

12mm

thickness







600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

OUTLOOK

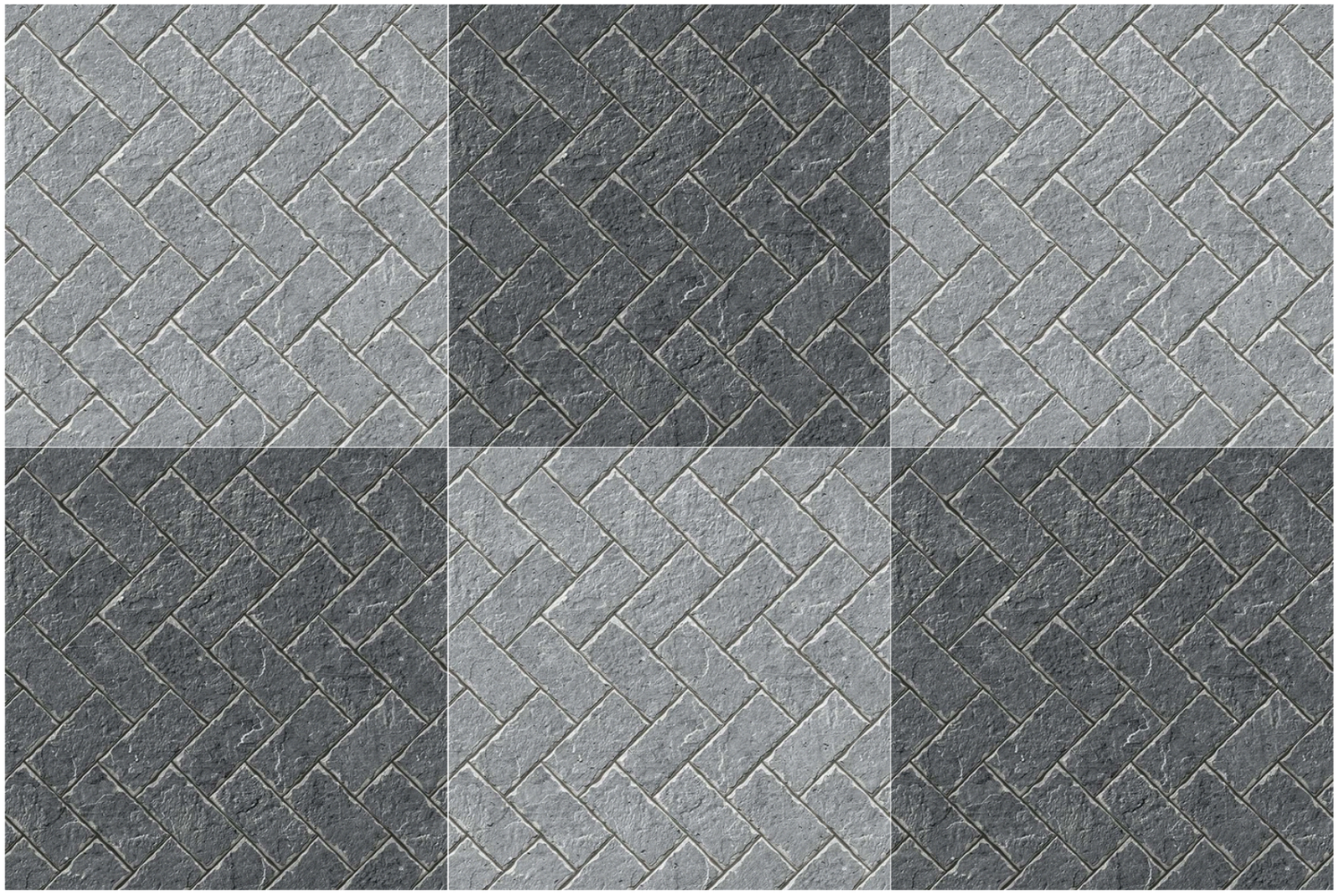
Collection

#12MM

Ladrillo Glaciar Crema



Ladrillo Glaciar Brown



600 x
600mm

Finish
Matt

01
Random

FLOOR GRES

OUTLOOK

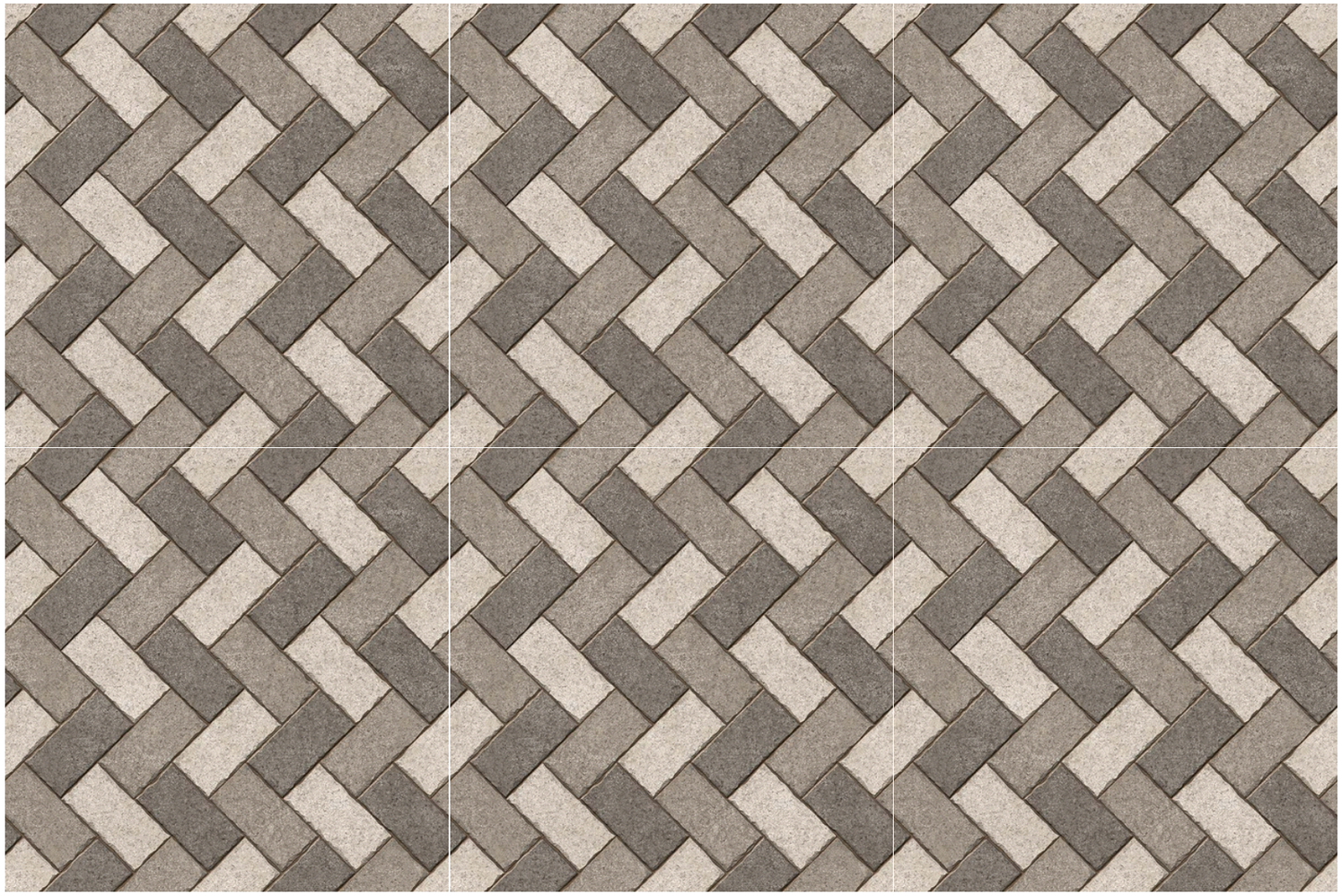
Collection

#12MM

Ladrillo Glaciar Grey



Ladrillo Glaciar Nero



OUTLOOK

Collection

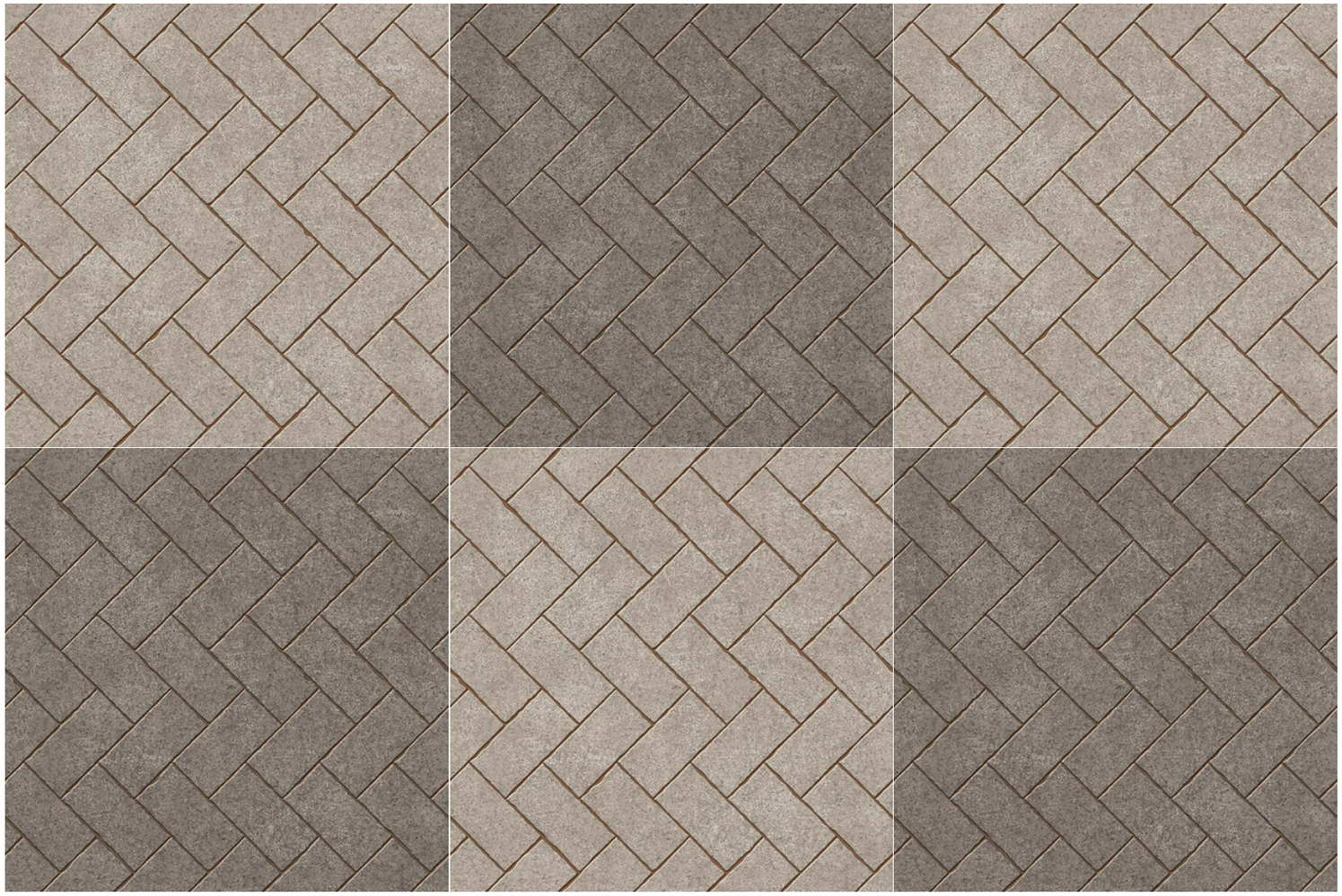
600 x 600mm | Finish Matt | 01 Random

#12MM



Ladrillo Glaciar Decor

FLOOR GRES



600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

OUTLOOK

Collection

#12MM

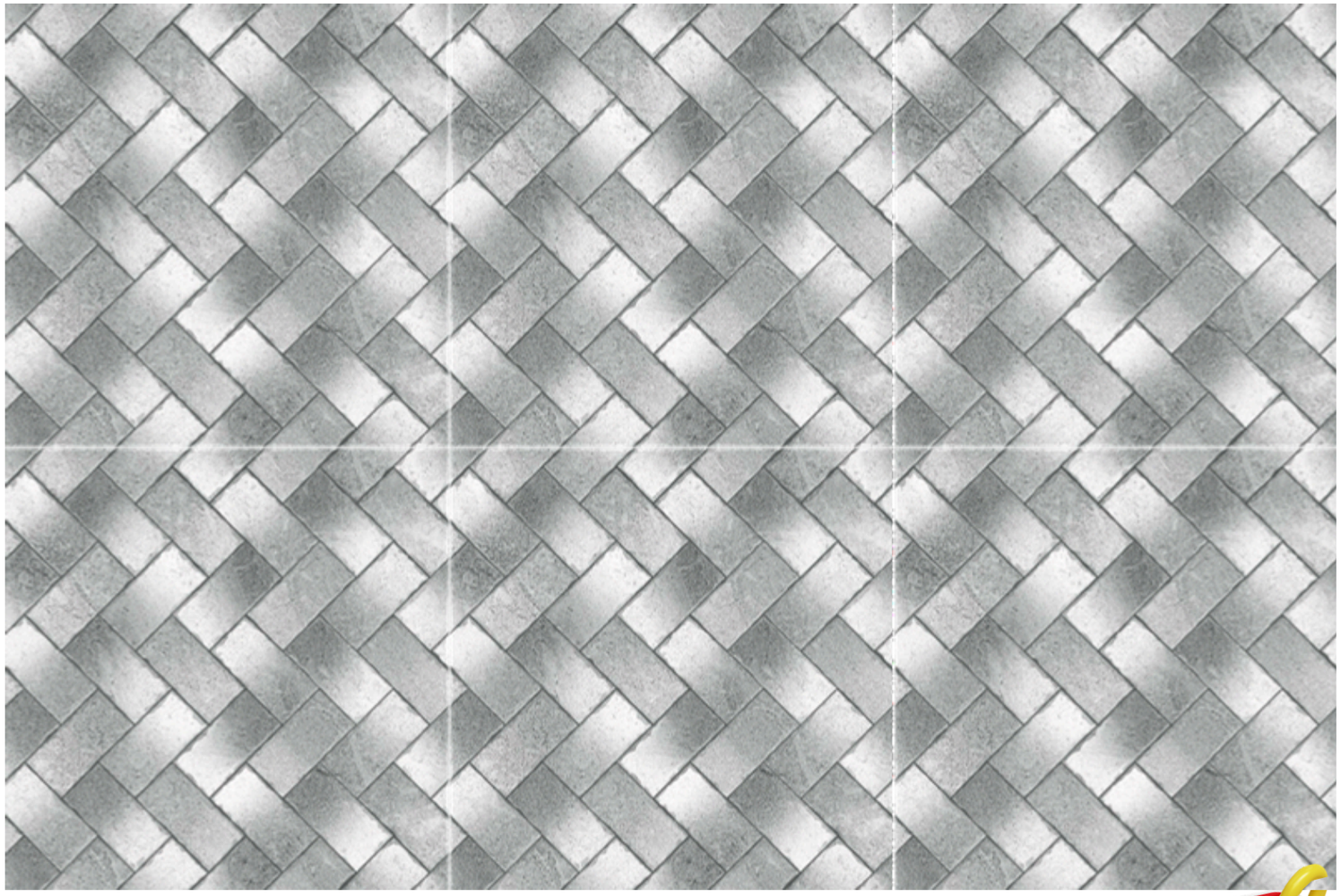
Ladrillo Glaciar Earth



Ladrillo Glaciar Wenge

OUTLOOK

Collection

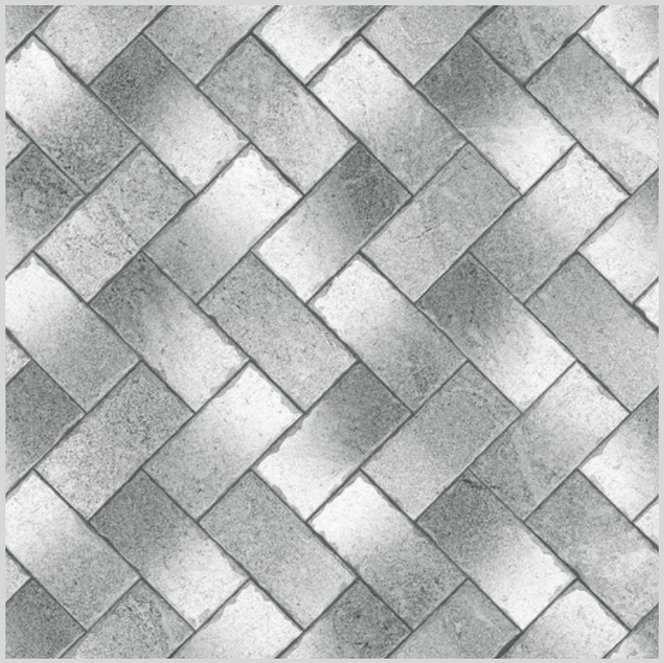


600 x 600mm | Finish Matt | 01 Random

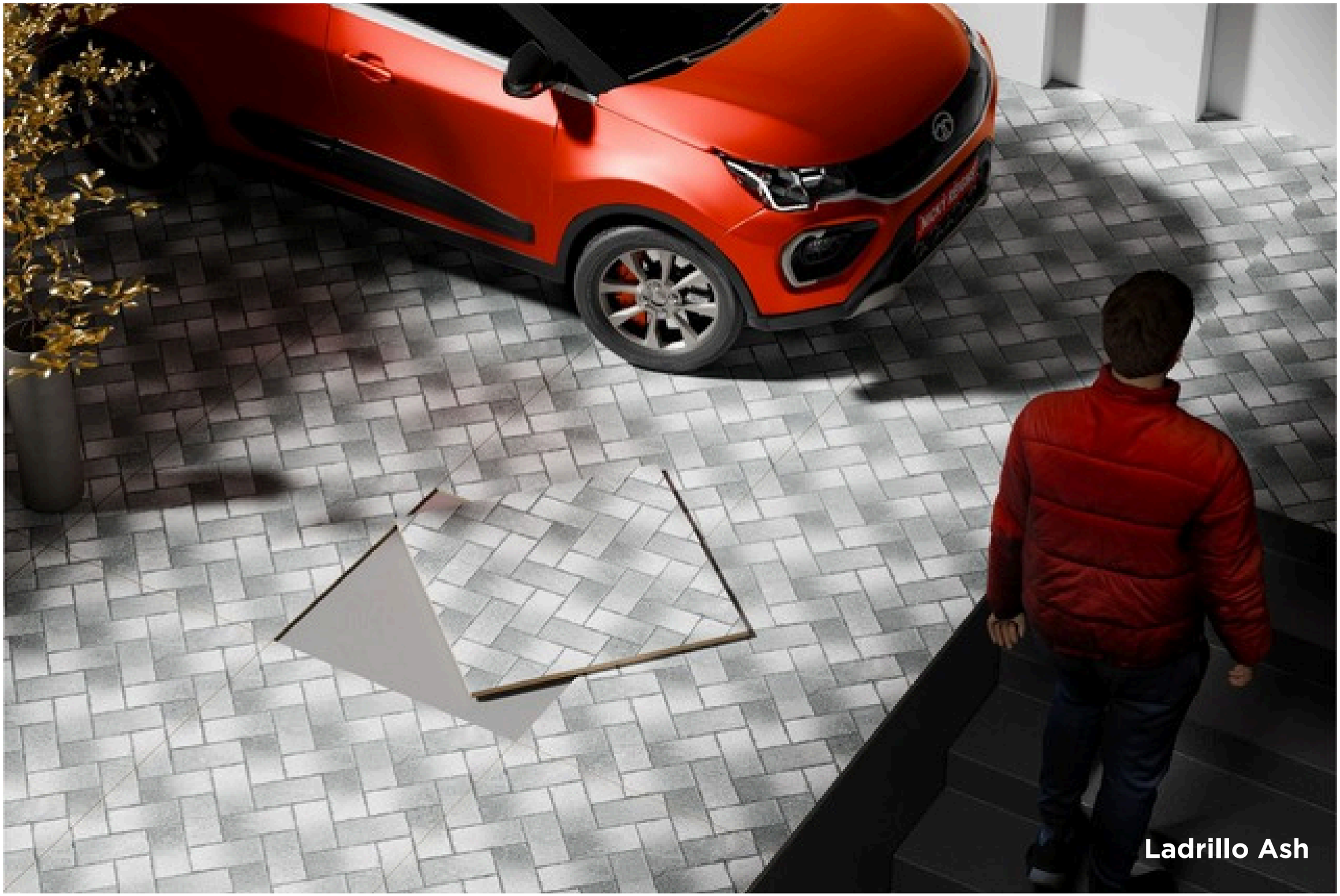


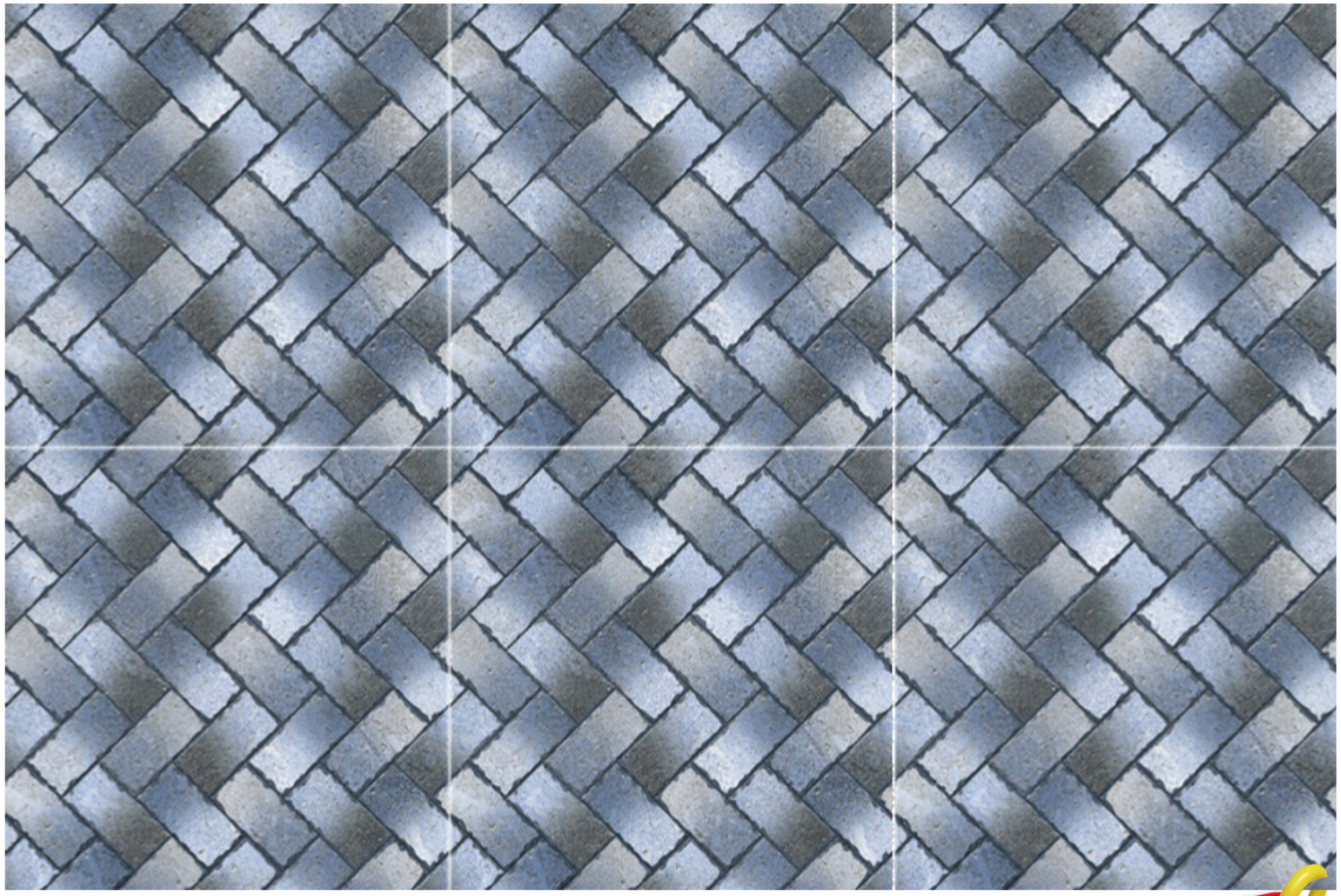
FLOOR GRES

#12MM



Ladrillo Ash


Ladrillo Ash



OUTLOOK

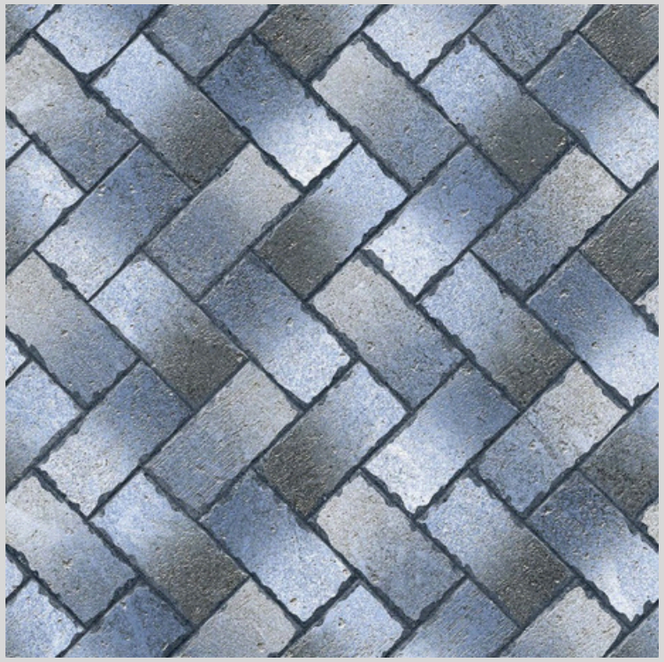
Collection

600 x 600mm | Finish Matt | 01 Random

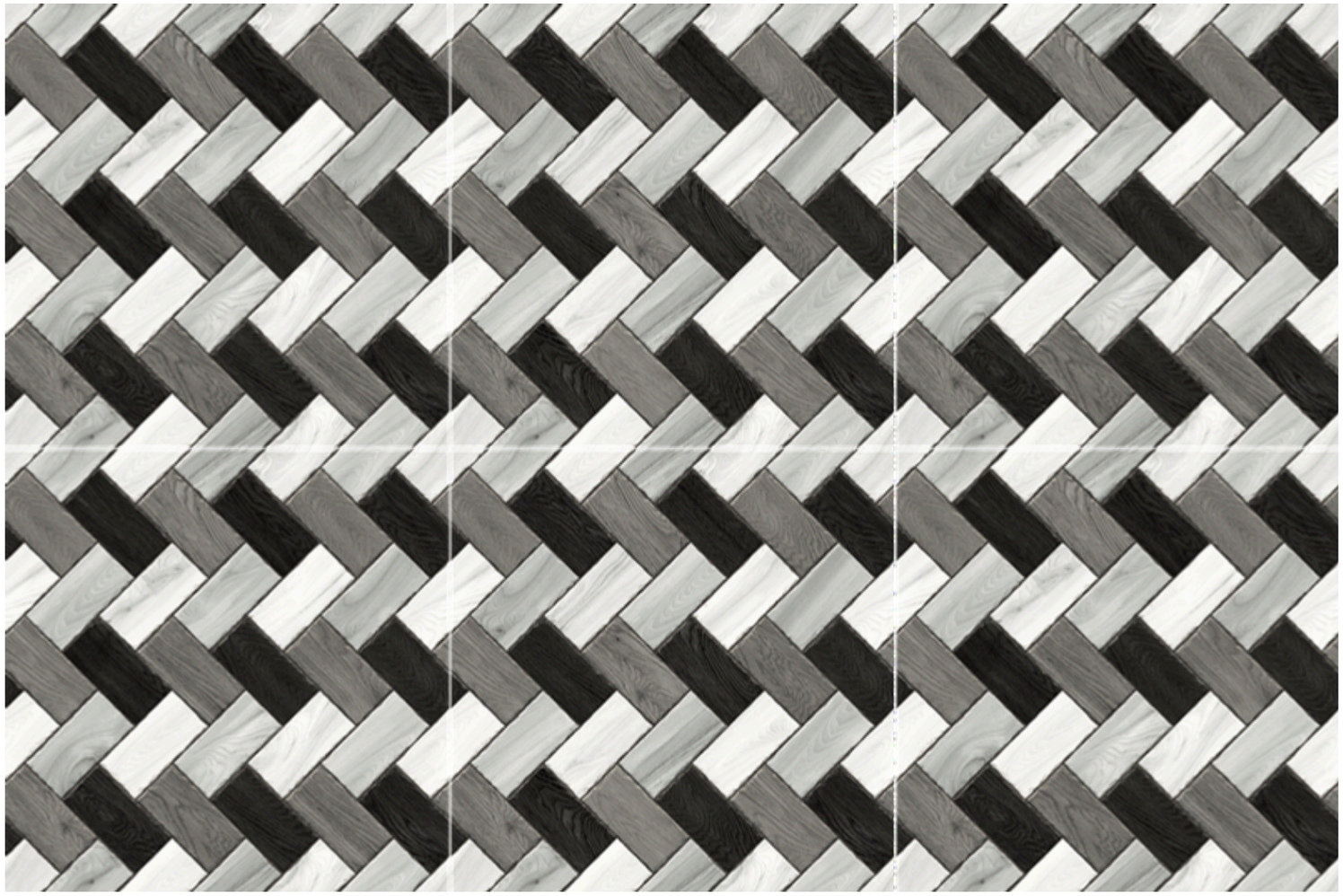


FLOOR GRES

#12MM



Ladrillo Azul



600 x 600mm | Finish Matt | 02 Random

FLOOR GRES

OUTLOOK

Collection

#12MM

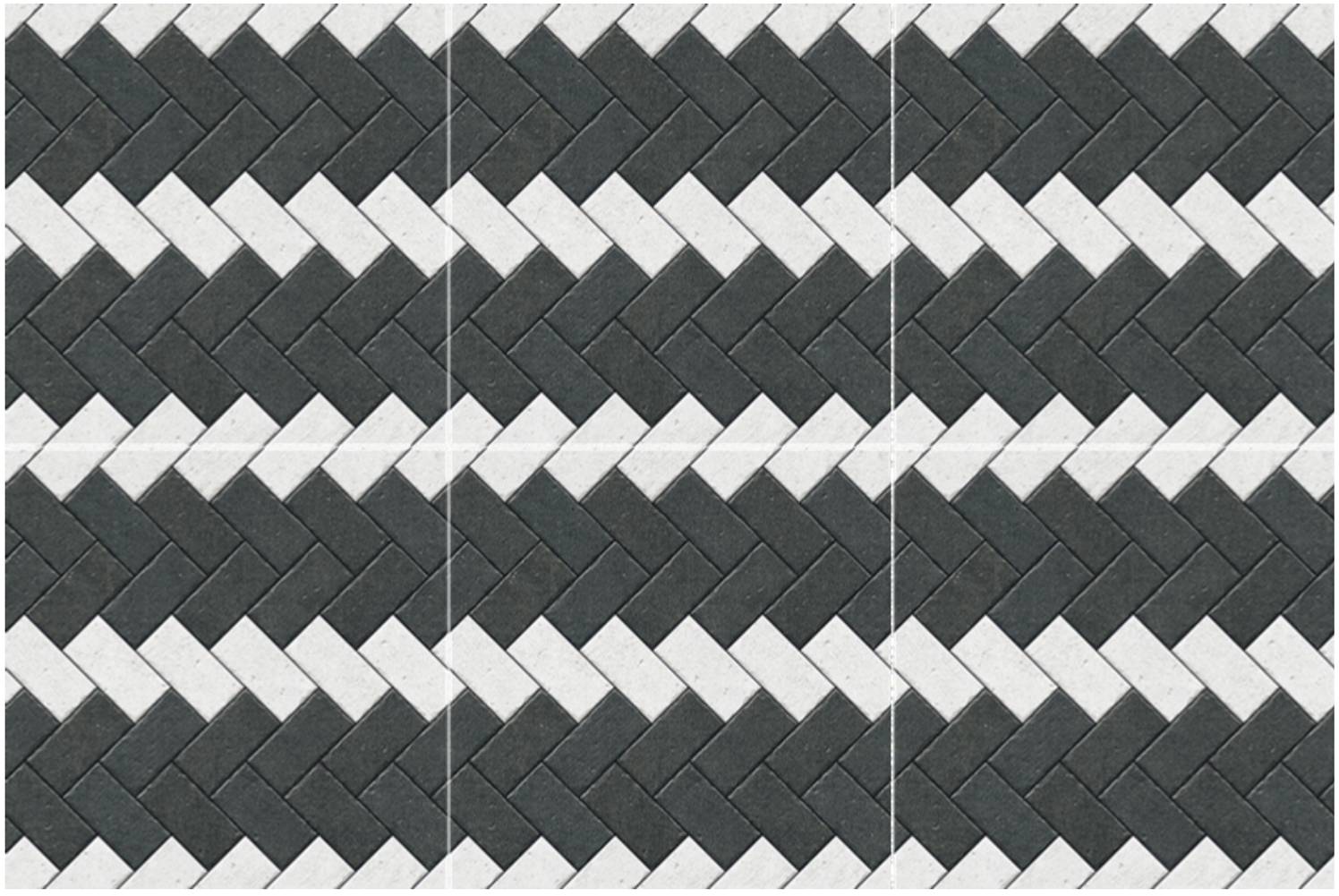


Ladrillo Bianco


Ladrillo Bianco

OUTLOOK

Collection



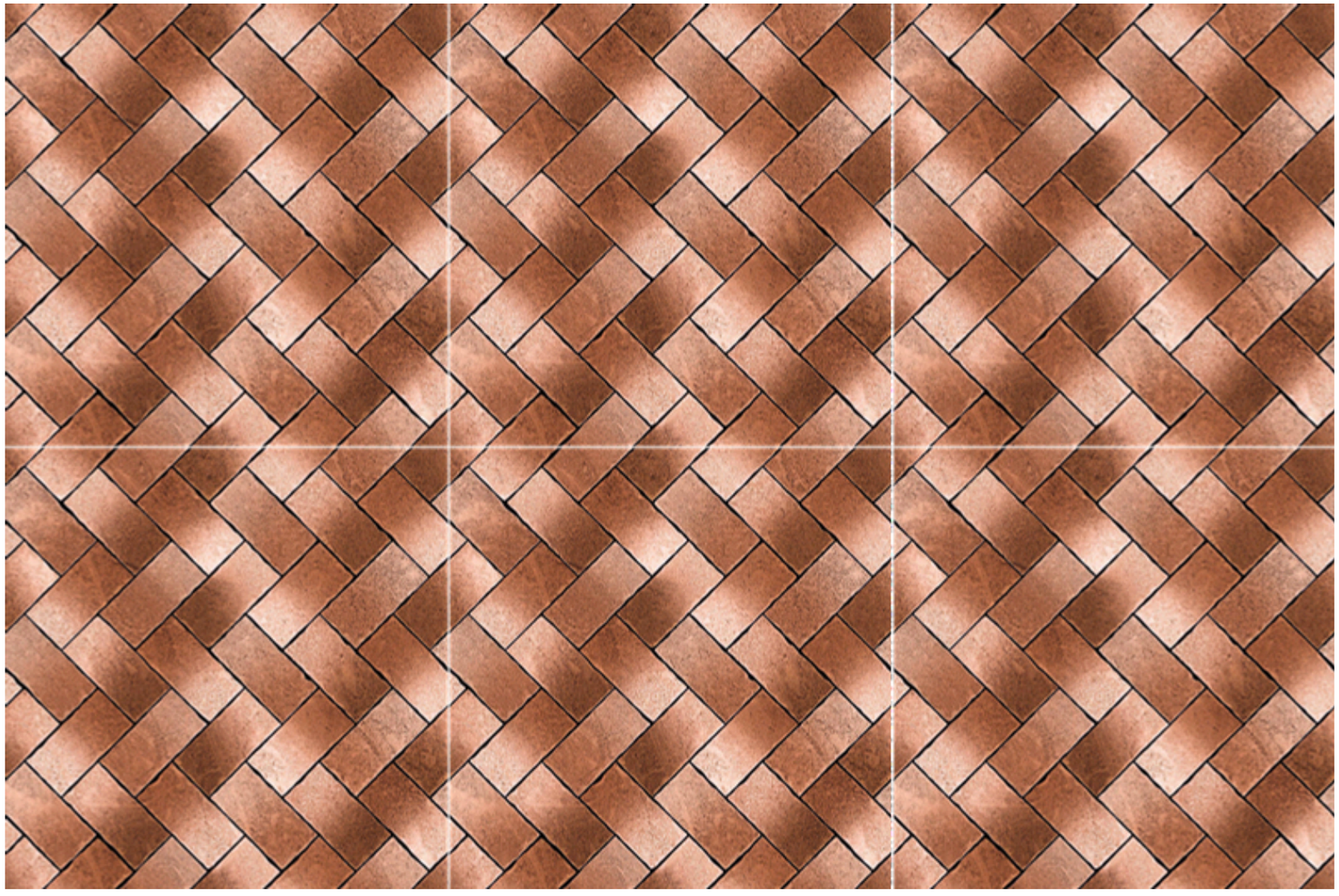
600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

#12MM



Ladrillo Black & White



600 x
600mm

Finish
Matt

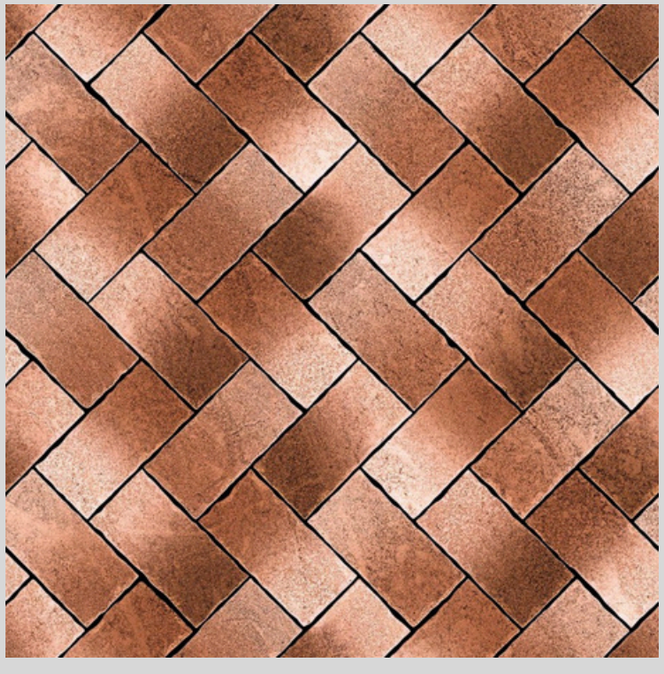
01
Random

FLOOR
GRES

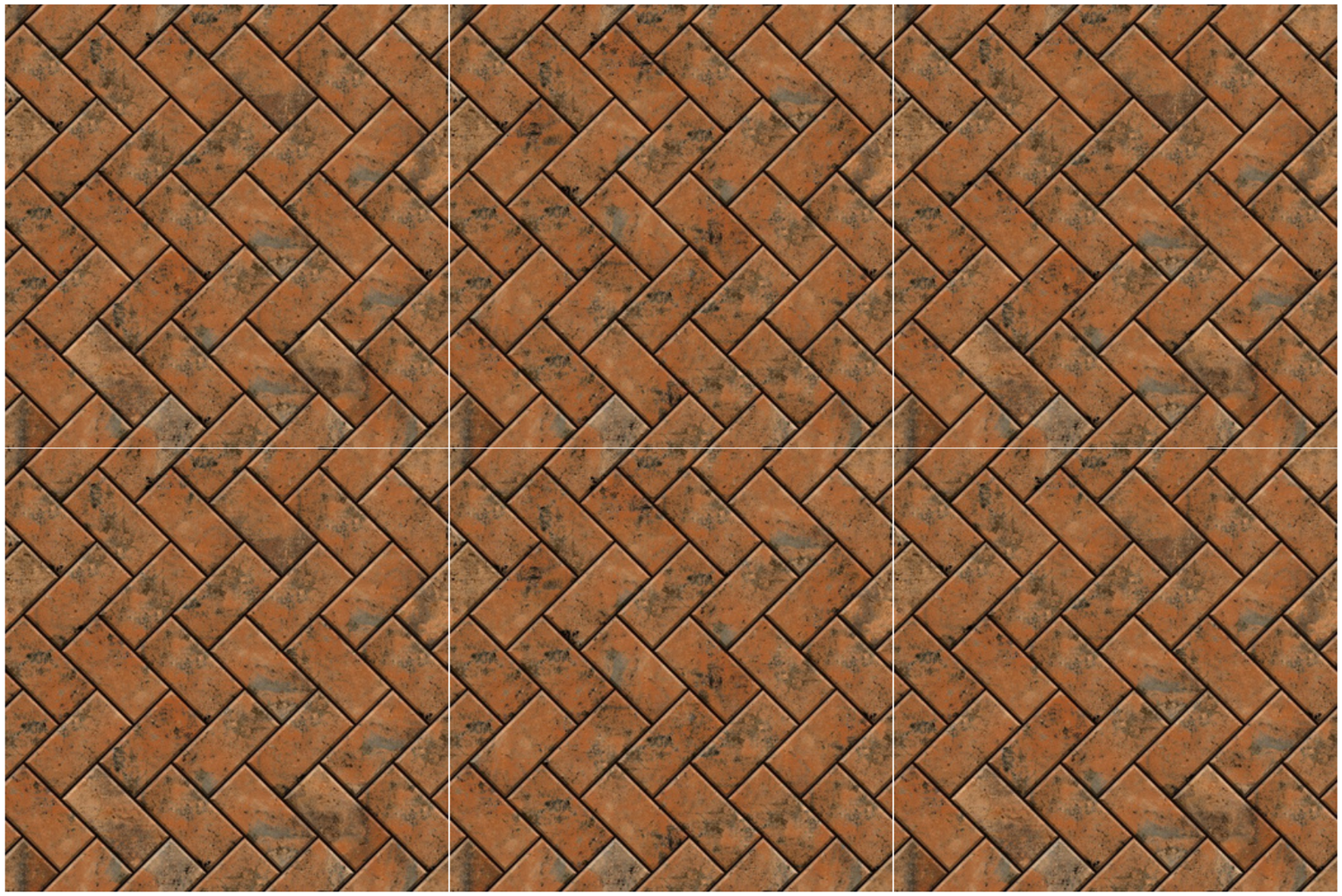
OUTLOOK

Collection

#12MM



Ladrillo Bricks



600 x 600mm | Finish Matt | 02 Random

FLOOR GRES

OUTLOOK

Collection

#12MM



Ladrillo Bruno



600 x 600mm | Finish Matt | 02 Random



FLOOR GRES

OUTLOOK

Collection

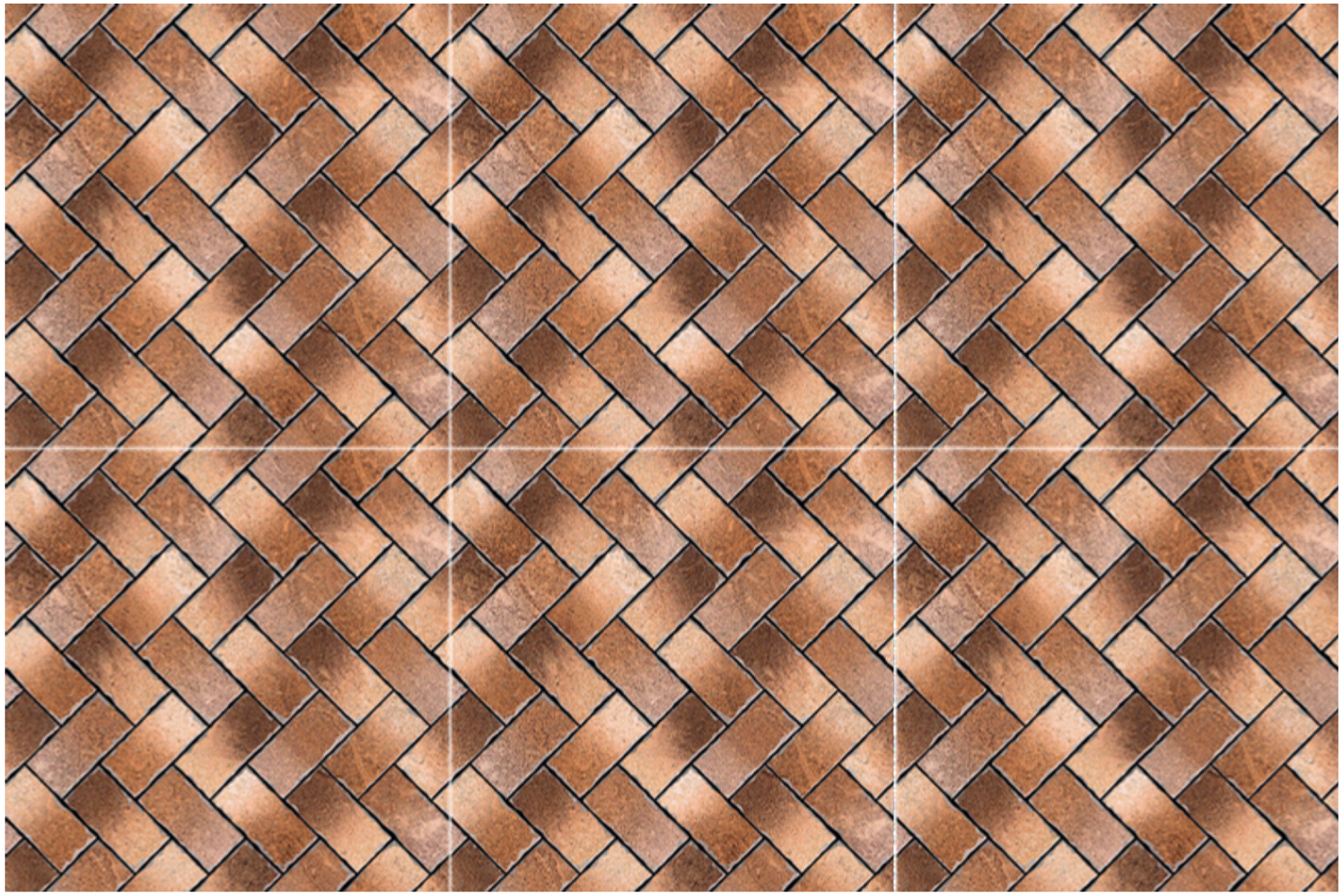
#12MM



Ladrillo Cement

OUTLOOK

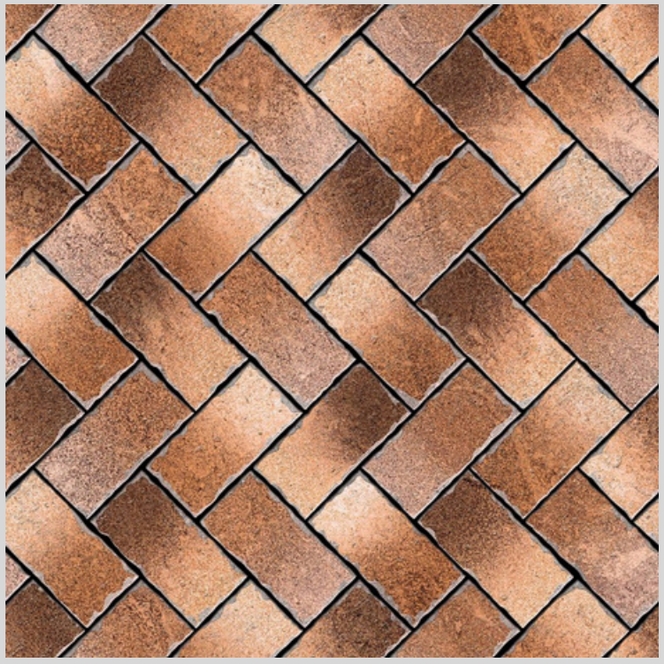
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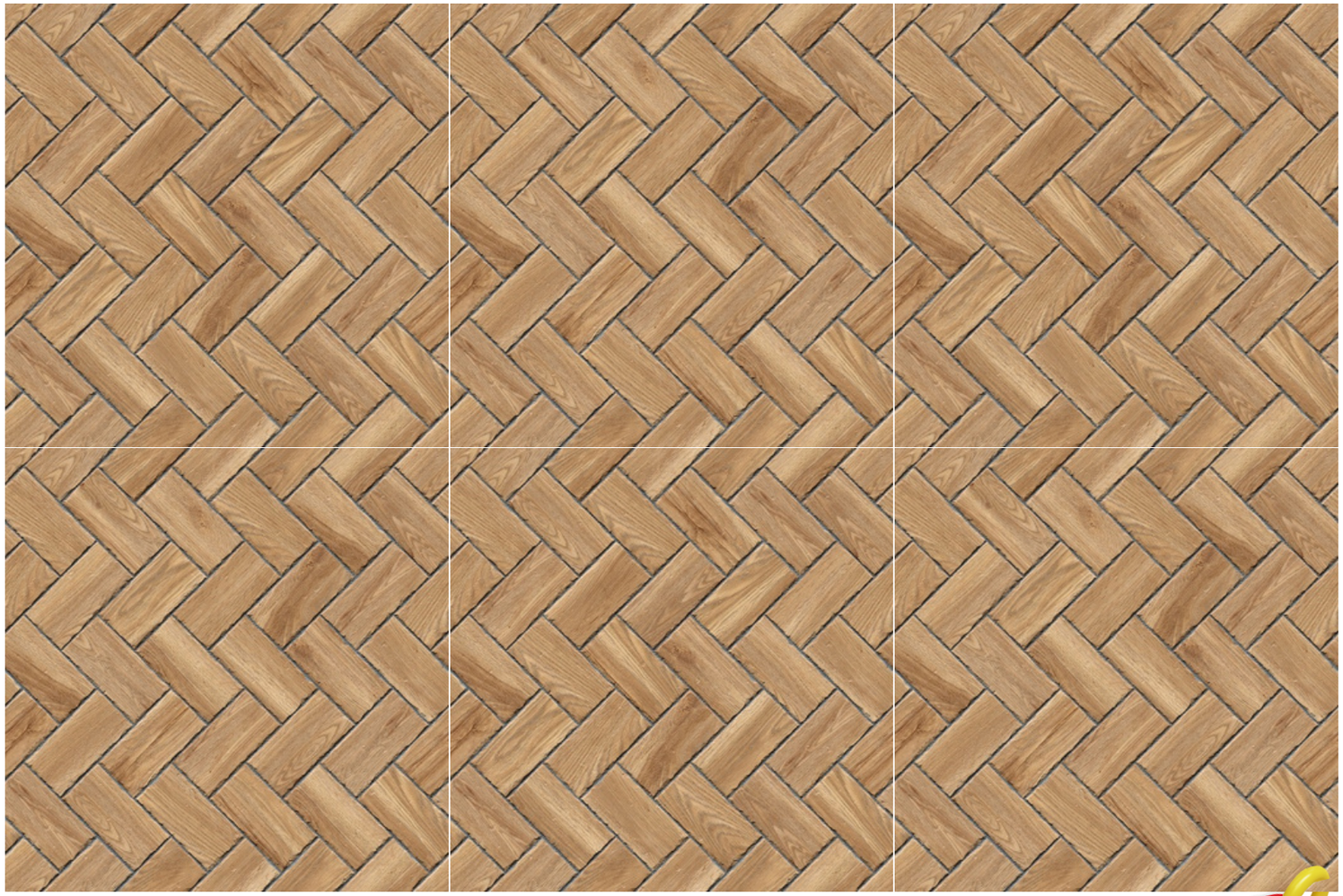
600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

#12MM



Ladrillo Choco



600 x 600mm | Finish Matt | 02 Random



FLOOR GRES

OUTLOOK

Collection

#12MM



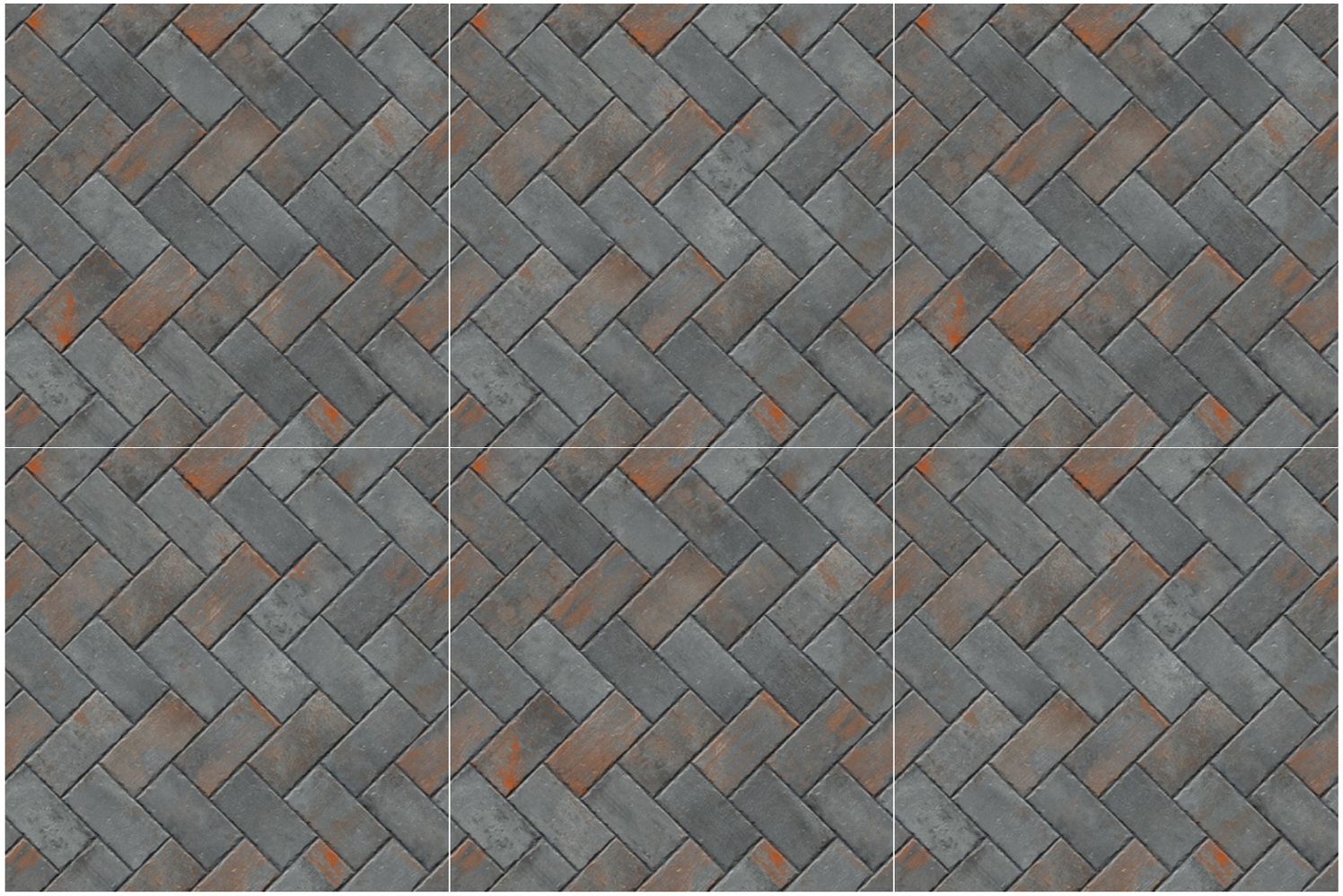
Ladrillo Madera



Ladrillo Madera

OUTLOOK

Collection



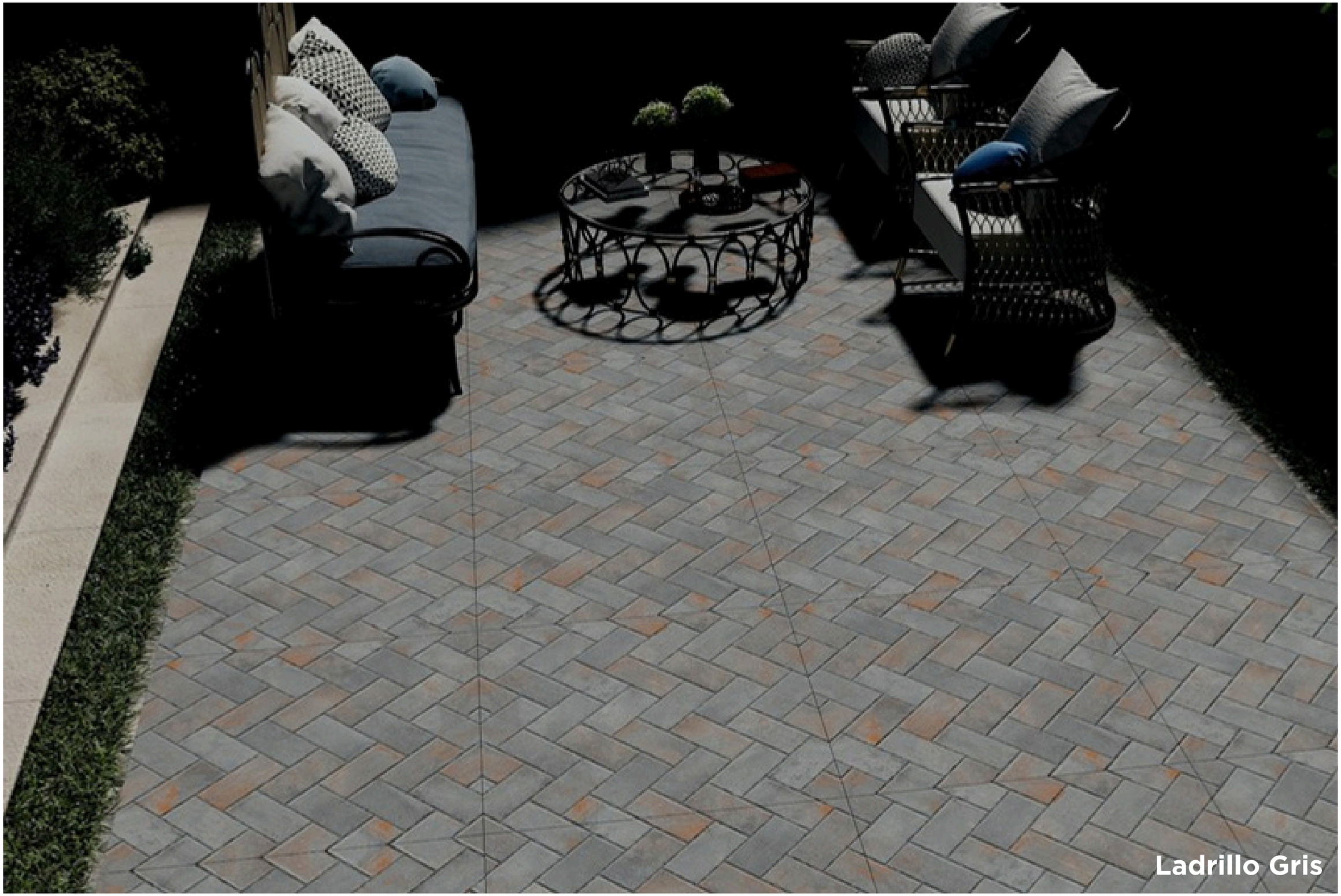
600 x 600mm | Finish Matt | 02 Random

FLOOR GRES

#12MM

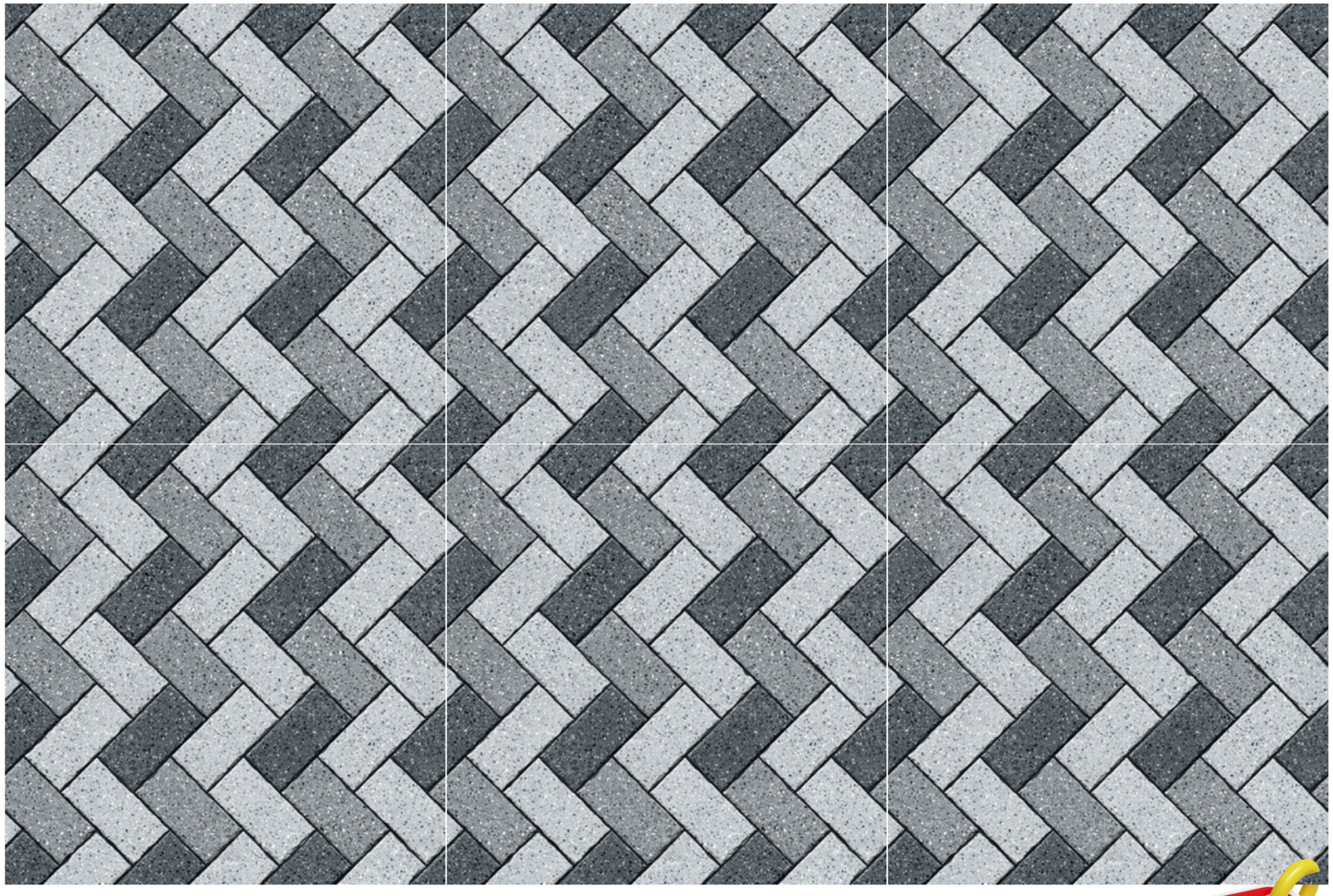


Ladrillo Gris


Ladrillo Gris

OUTLOOK

Collection

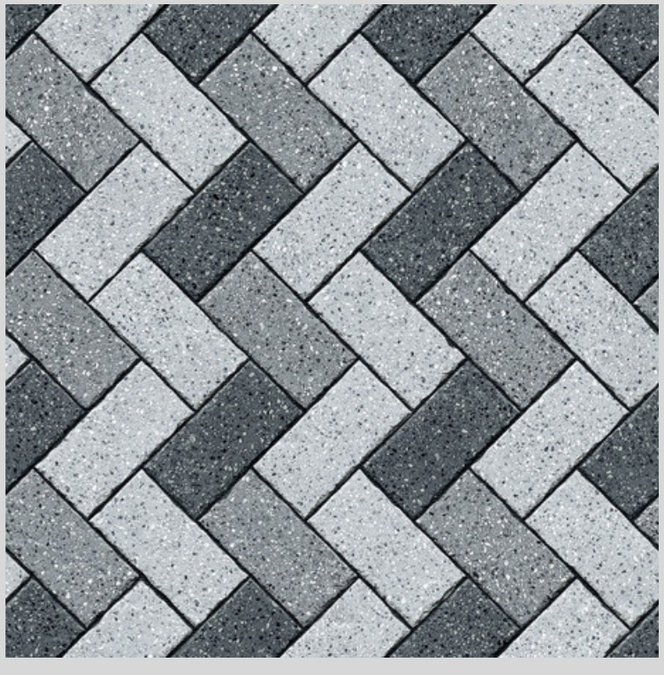


600 x 600mm | Finish Matt | 02 Random



FLOOR GRES

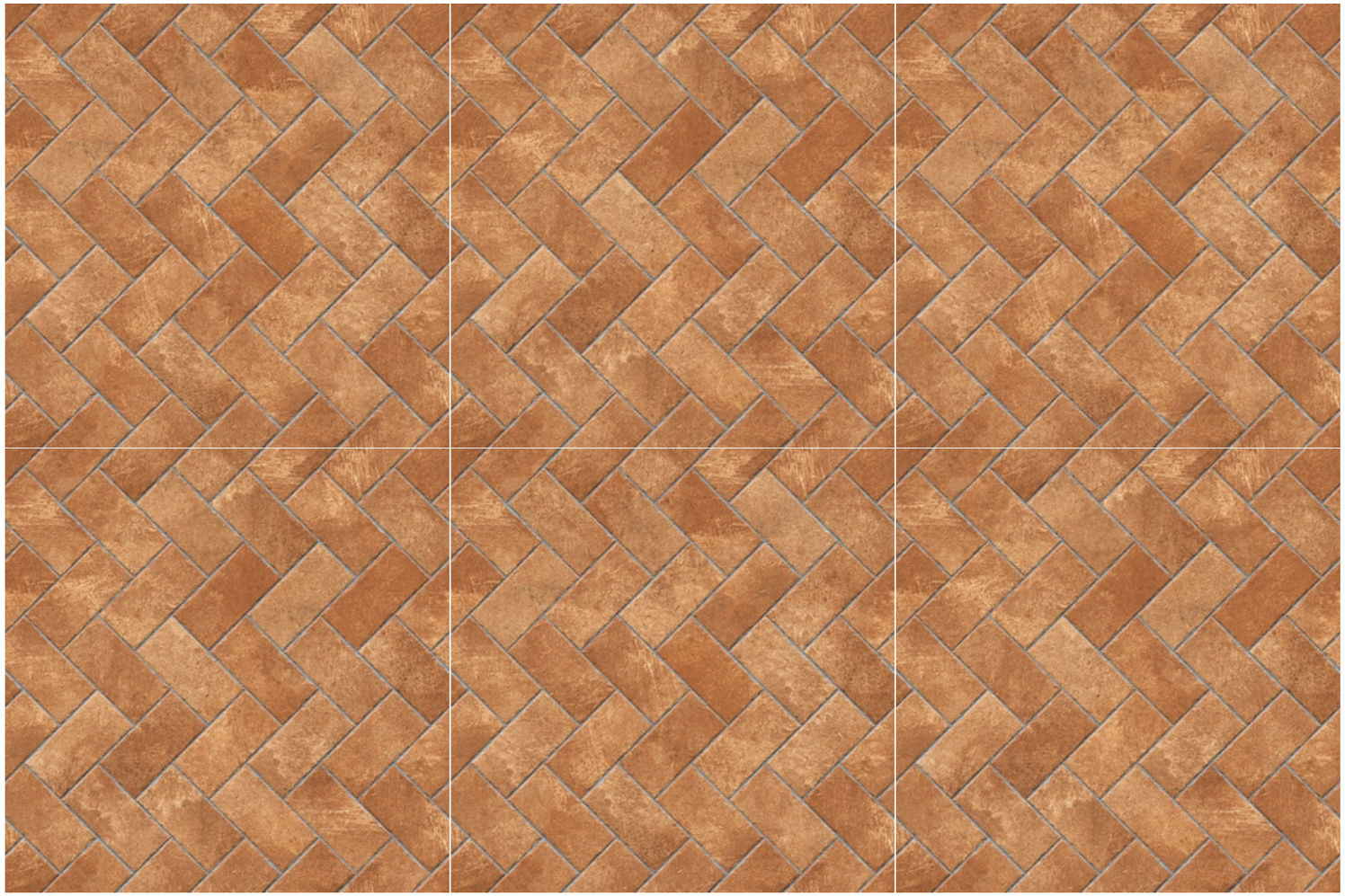
#12MM



Ladrillo Mozaico



Ladrillo Mozaico



OUTLOOK

Collection

600 x 600mm | Finish Matt | 02 Random

FLOOR GRES

#12MM



Ladrillo Narenjo

OUTLOOK

Collection



600 x 600mm | Finish Matt | 02 Random



FLOOR GRES

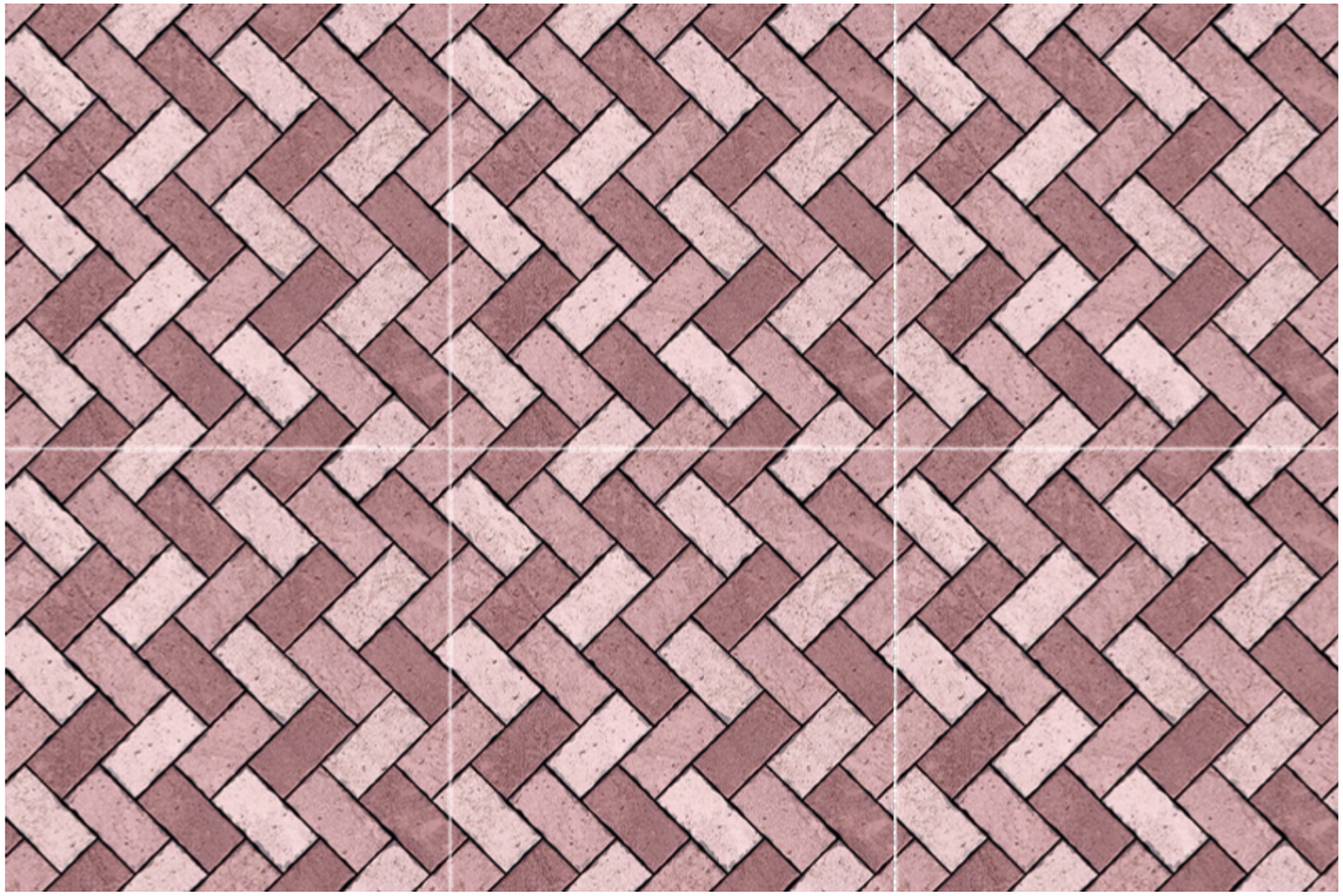
#12MM



Ladrillo Nero



Ladrillo Nero



600 x
600mm

Finish
Matt

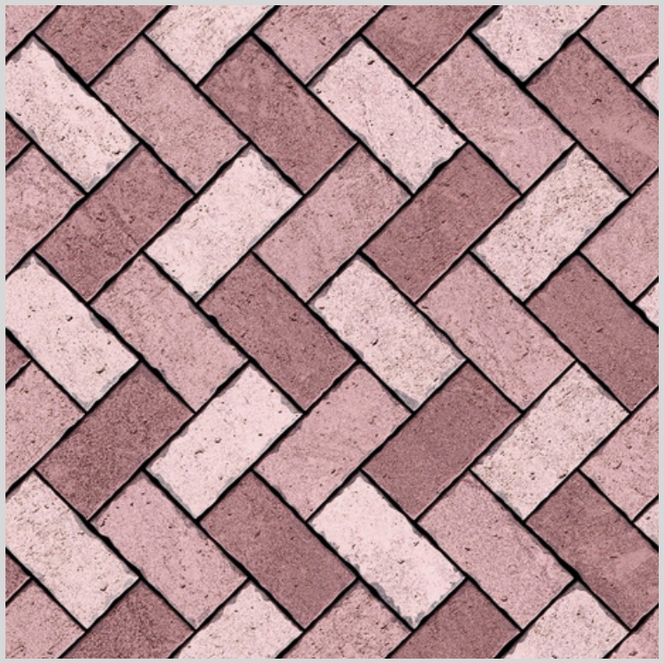
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FLOOR
GRES

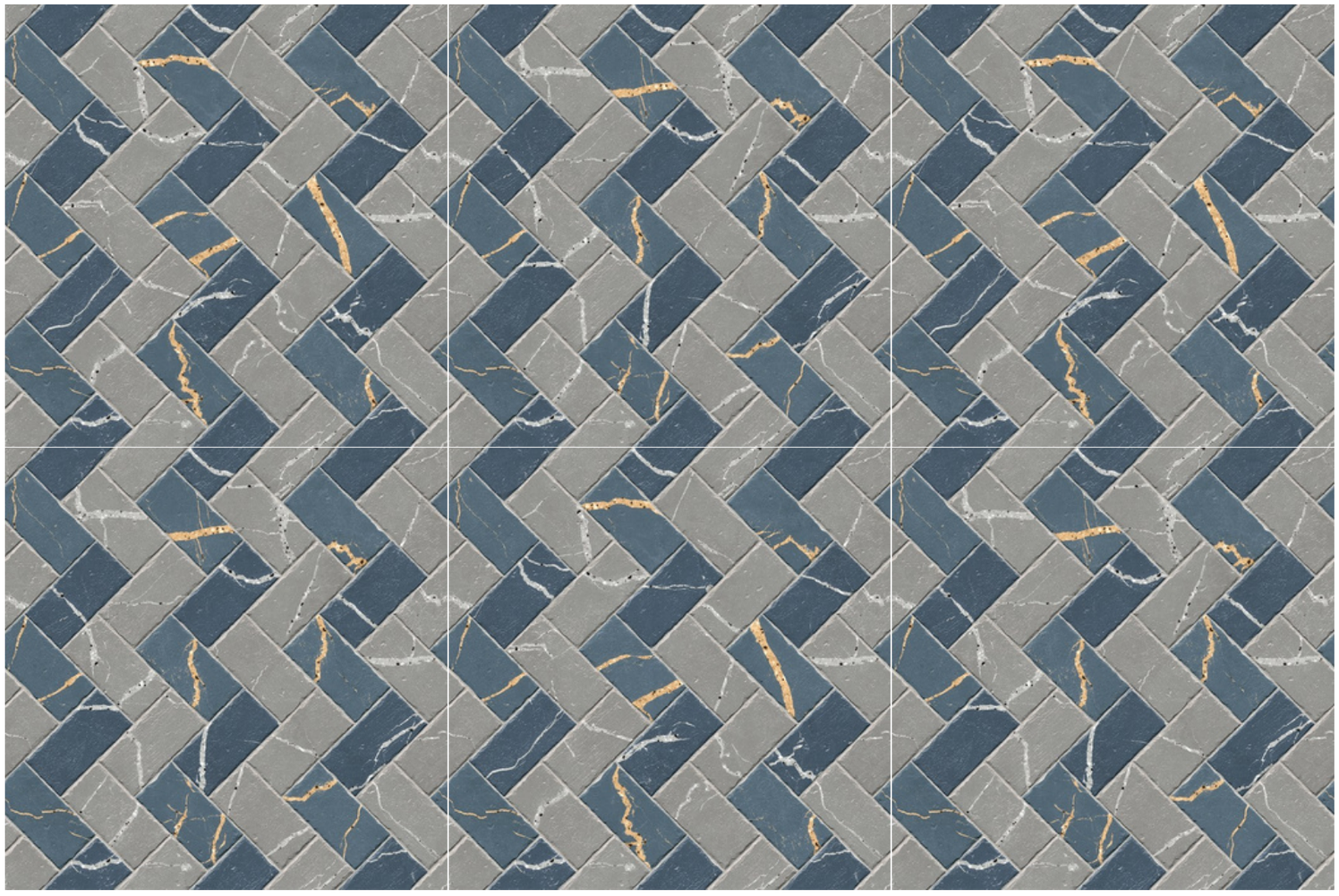
OUTLOOK

Collection

#12MM



Ladrillo Rosa



600 x 600mm | Finish Matt | 02 Random

FLOOR GRES

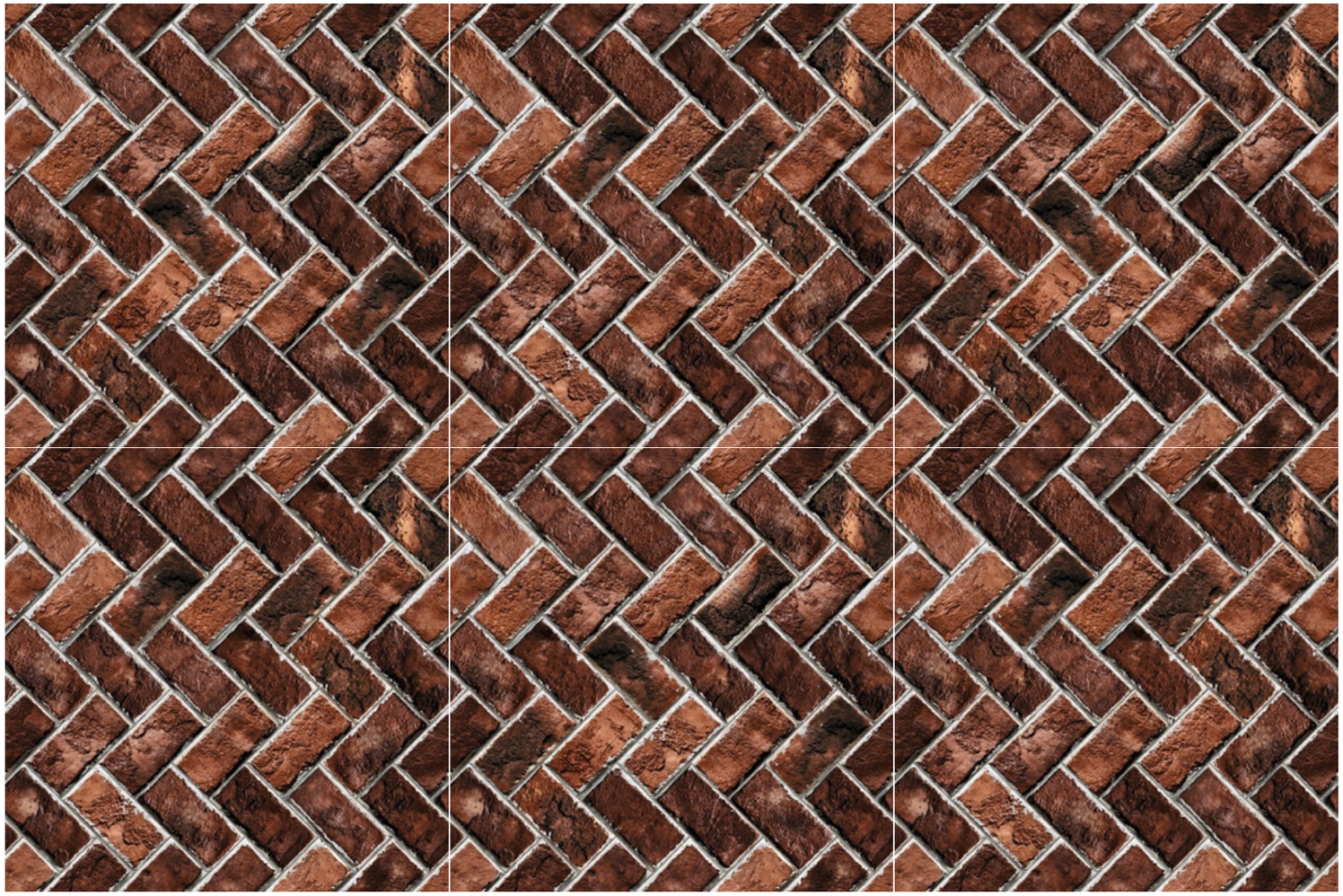
OUTLOOK

Collection

#12MM



Ladrillo Ruby



OUTLOOK

Collection

600 x
600mm

Finish
Matt

02
Random

FLOOR GRES

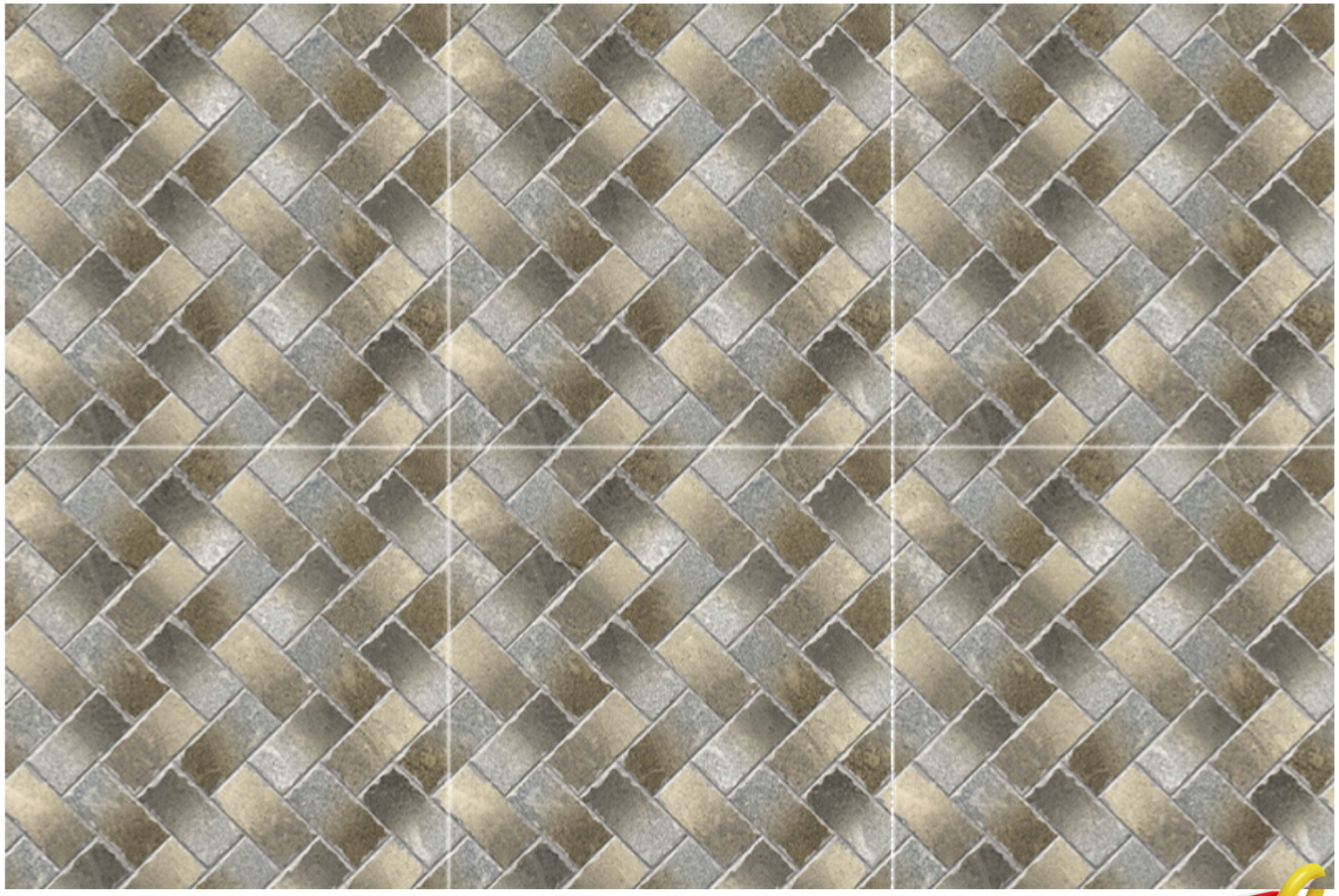
#12MM



Ladrillo Vintage

OUTLOOK

Collection



600 x 600mm | Finish Matt | 01 Random



FLOOR GRES

#12MM



Ladrillo Verde


Ladrillo Verde

OUTLOOK

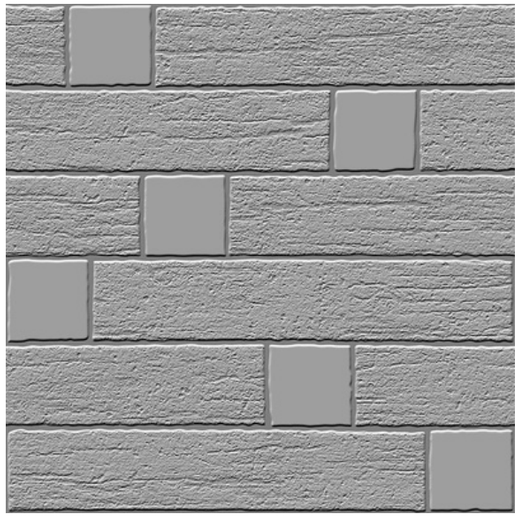
Collection

OMEGA

Series

12mm

thickness







OUTLOOK

Collection

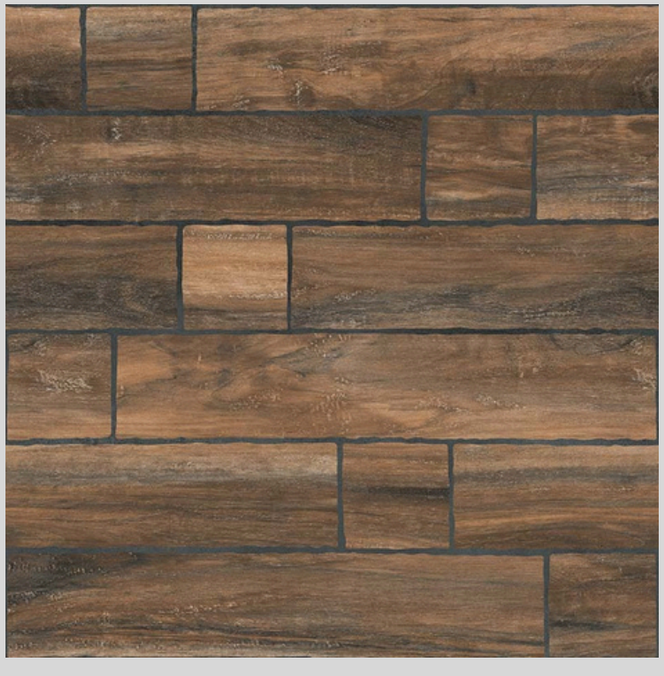
600 x
600mm

Finish
Matt

03
Random

FLOOR GRES

#12MM



Omega Buracin



OUTLOOK

Collection

600 x
600mm

Finish
Matt

01
Random

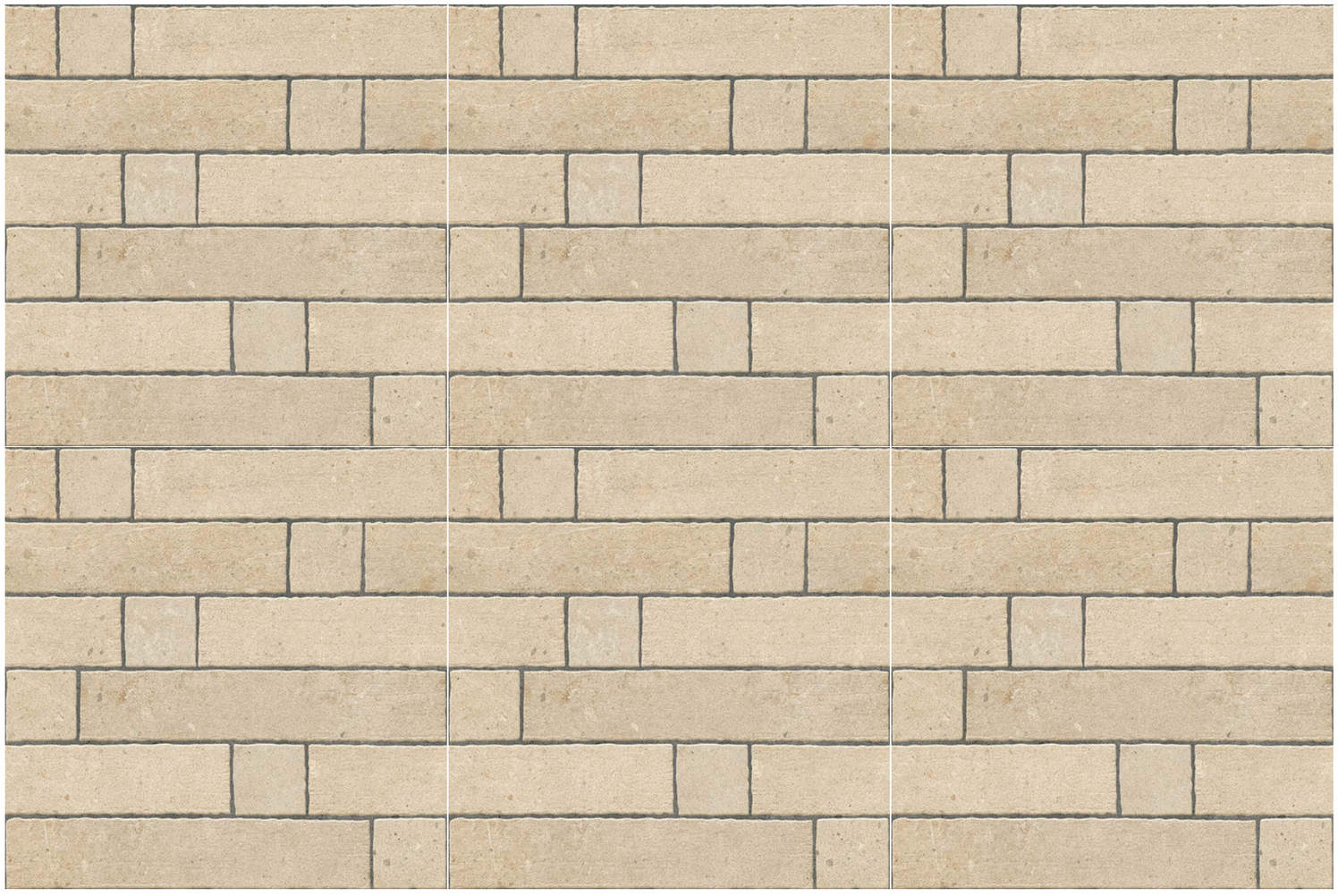


FLOOR GRES

#12MM



Omega Ginoch



OUTLOOK

Collection

600 x
600mm

Finish
Matt

02
Random

FLOOR
GRES

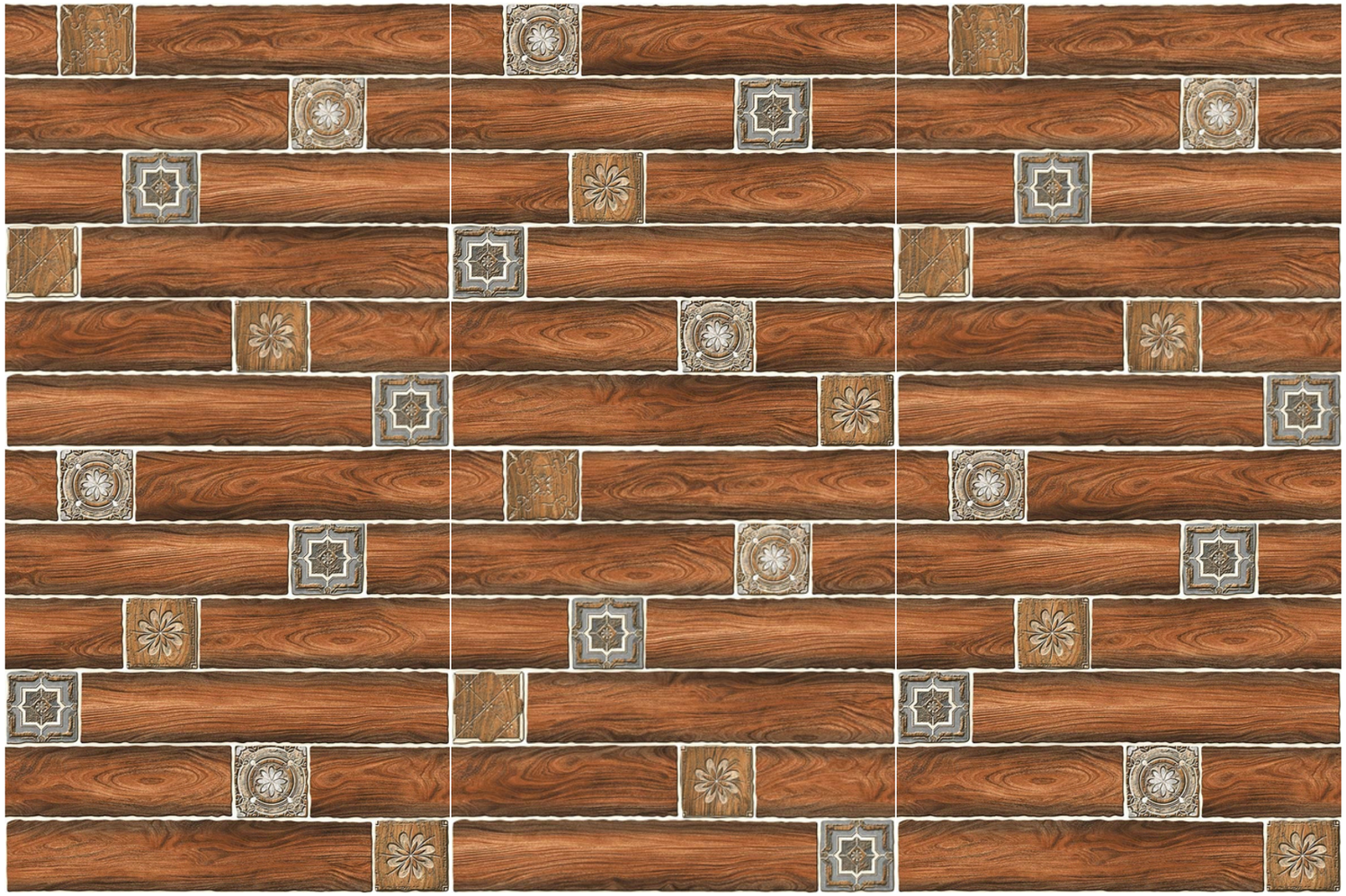
#12MM



Omega Piedra

OUTLOOK

Collection



600 x 600mm | Finish Matt | 02 Random

FLOOR GRES

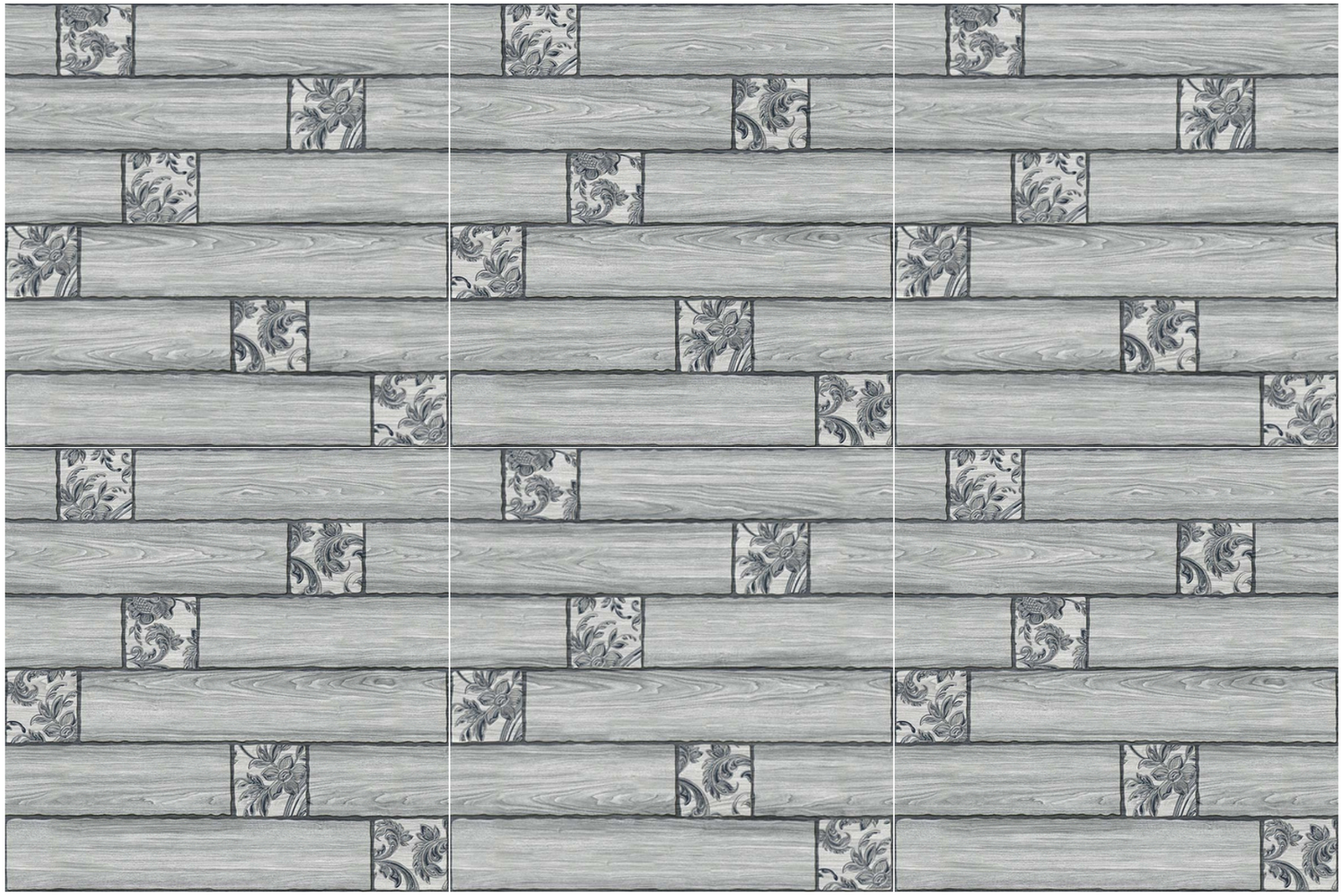
#12MM



Omega Clasico

OUTLOOK

Collection



600 x 600mm | Finish Matt | 02 Random

FLOOR GRES

#12MM

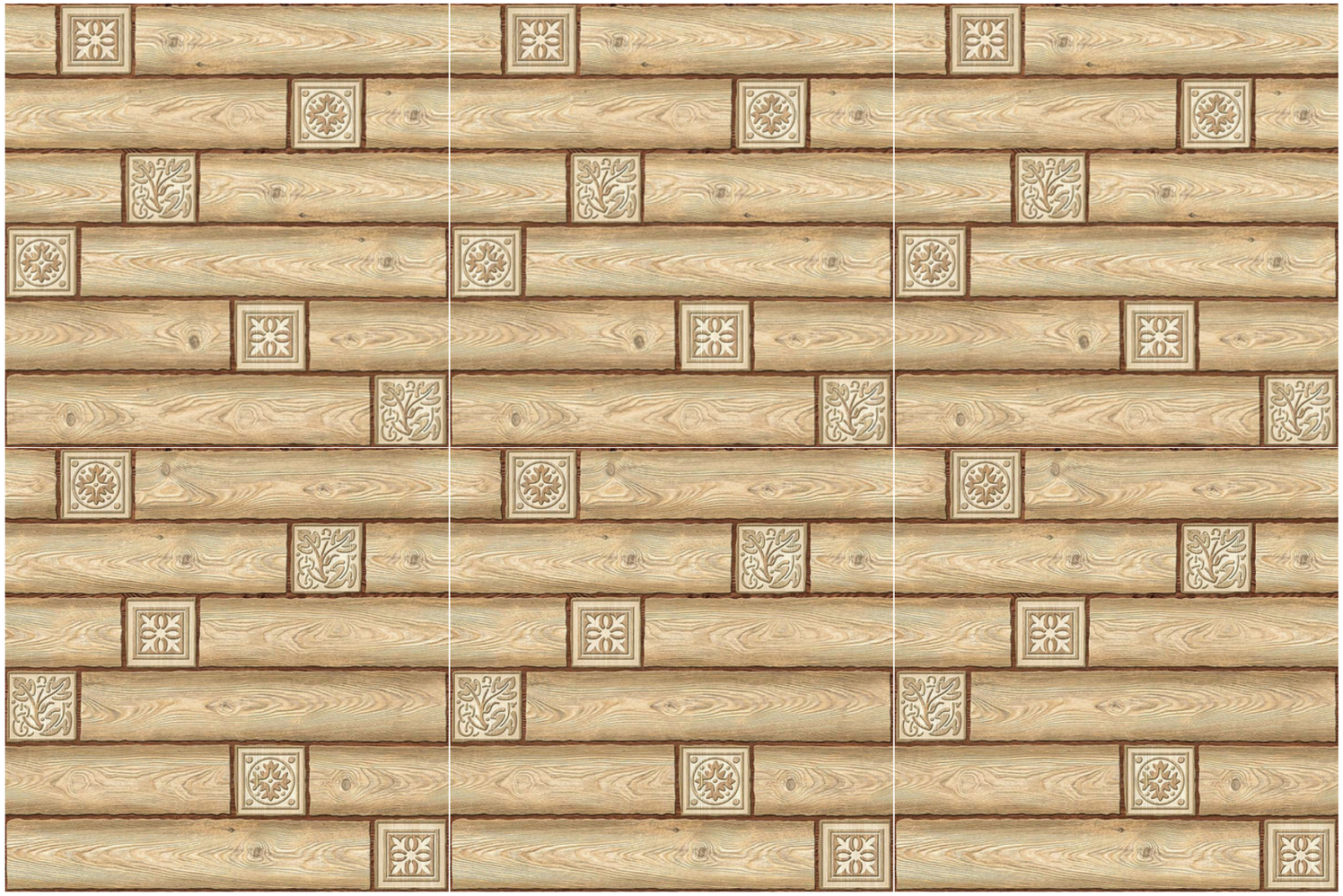


Omega Dimerim


Omega Dimerim

OUTLOOK

Collection



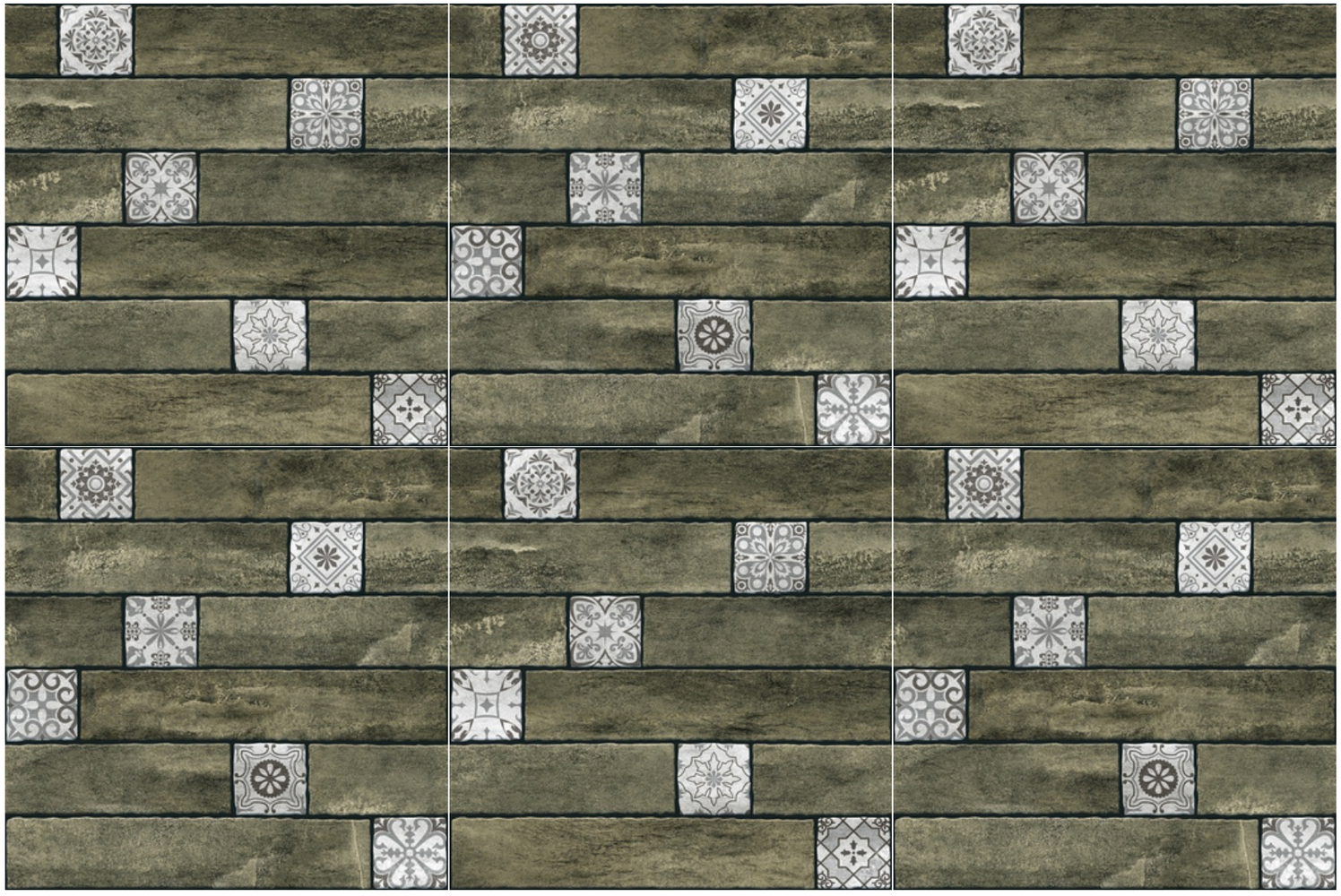
600 x 600mm | Finish Matt | 02 Random

FLOOR GRES

#12MM



Omega Pinar



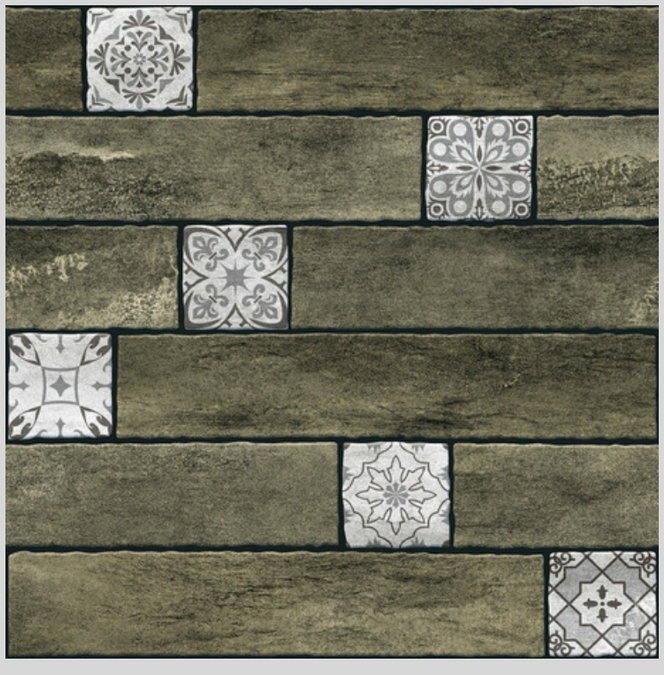
600 x 600mm | Finish Matt | 02 Random

FLOOR GRES

OUTLOOK

Collection

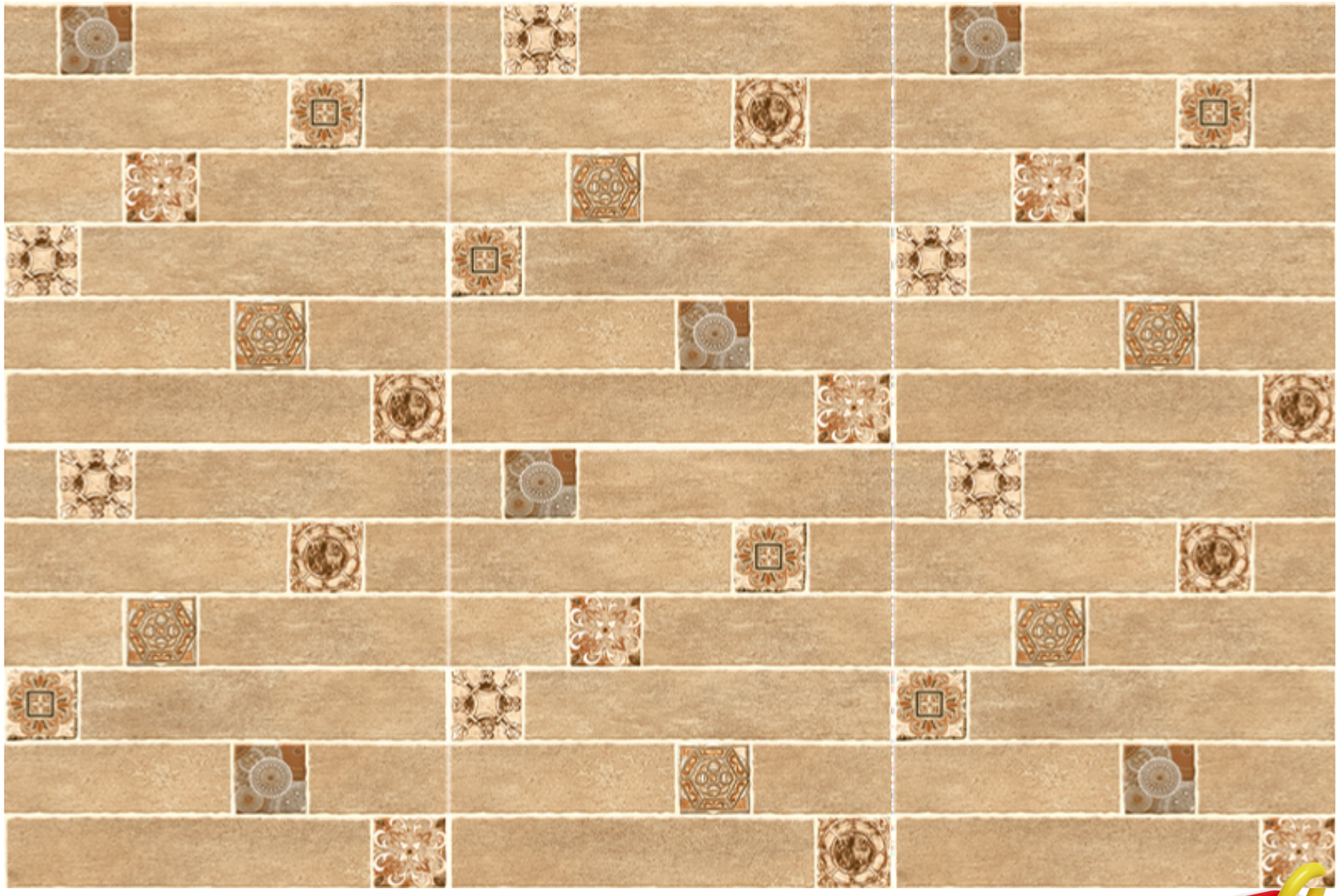
#12MM



Omega Basil

OUTLOOK

Collection



600 x 600mm | Finish Matt | 02 Random



FLOOR GRES

#12MM



Omega Gardenia



OUTLOOK

Collection

600 x
600mm

Finish
Matt

02
Random

FLOOR
GRES

#12MM



Omega Heritage


Omega Heritage



600 x
600mm

Finish
Matt

02
Random

FLOOR GRES

OUTLOOK

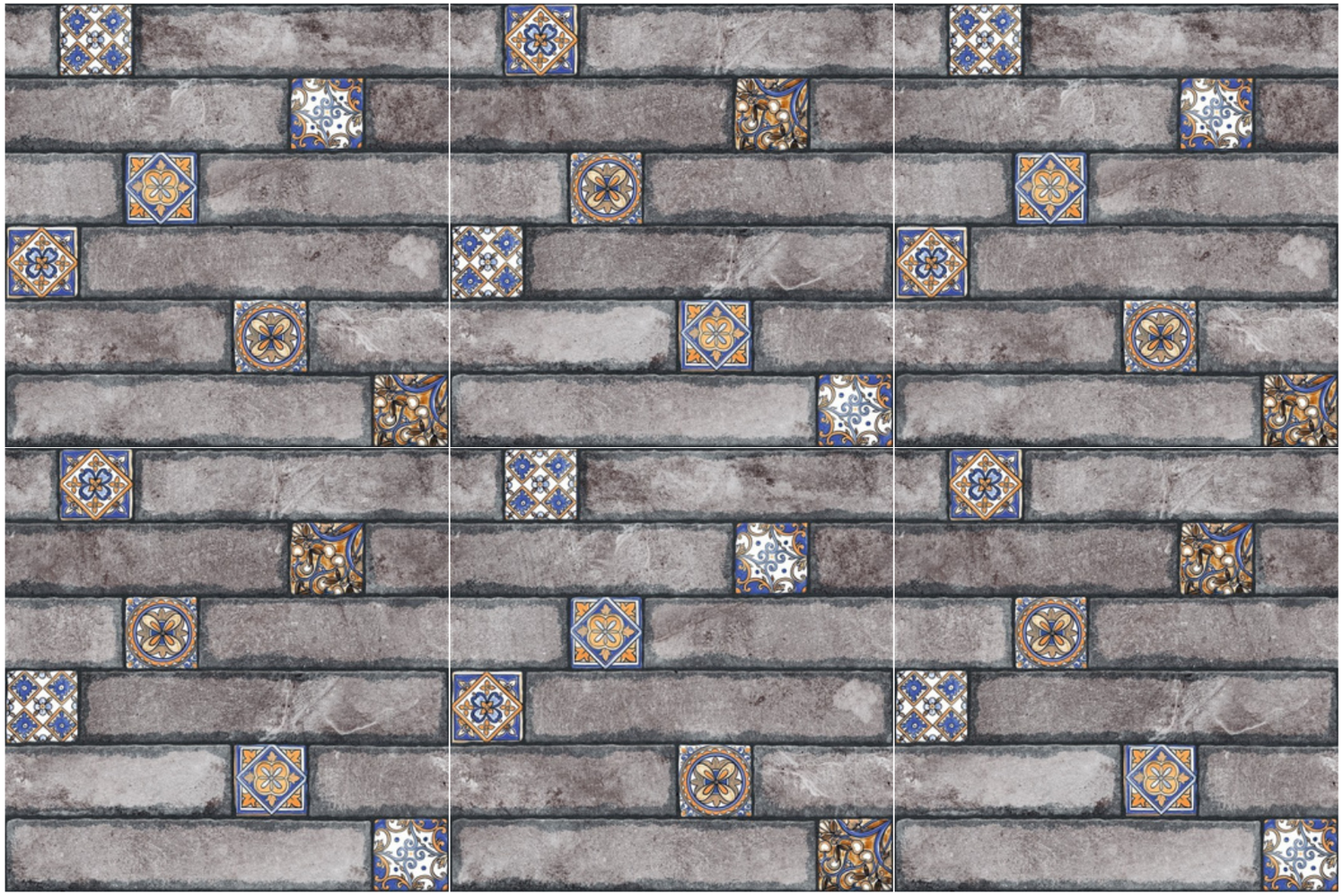
Collection

#12MM



Omega Horble


Omega Horble



OUTLOOK

Collection

600 x
600mm

Finish
Matt

02
Random

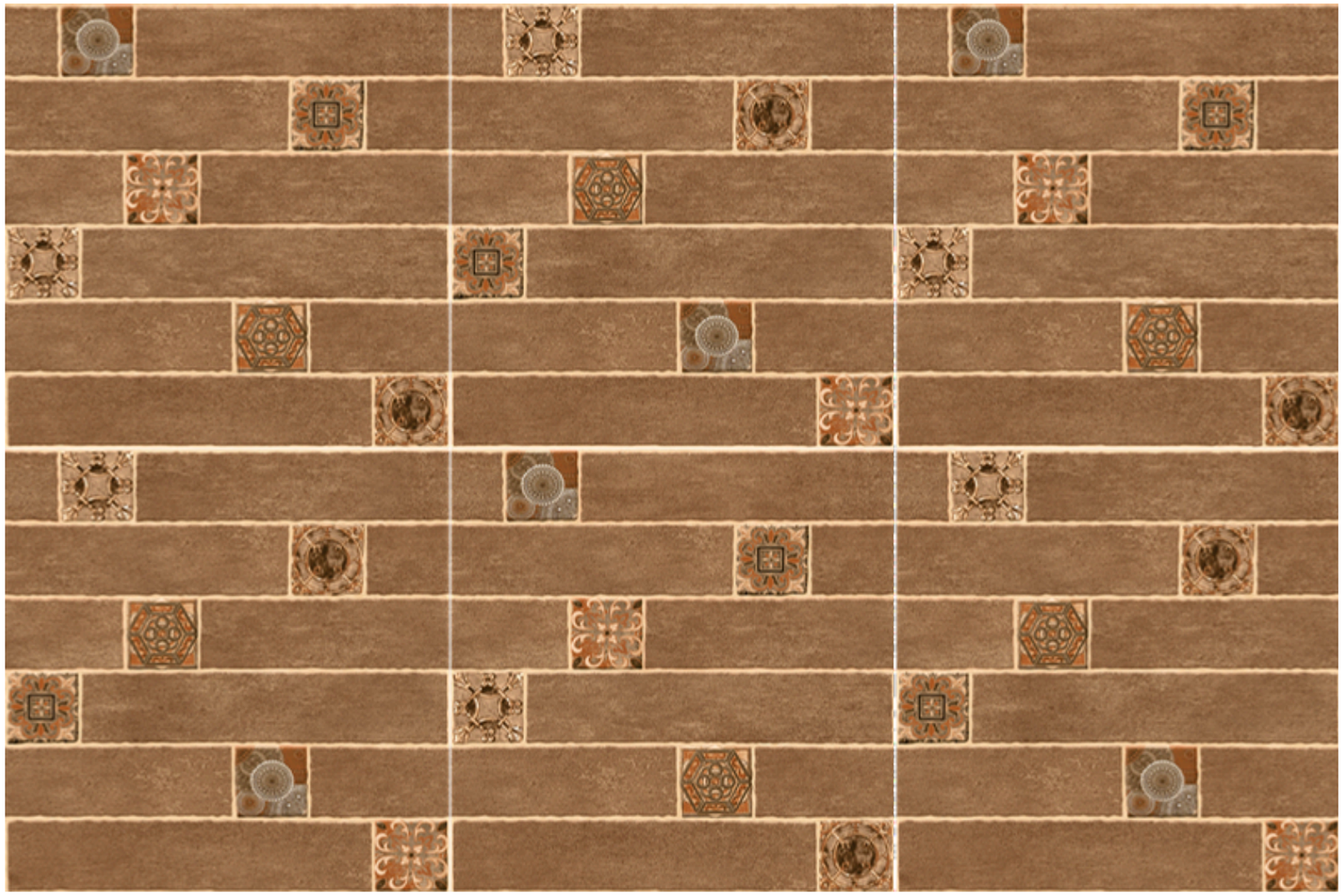
FLOOR GRES

#12MM



Omega Mellow


Omega Mellow



OUTLOOK

Collection

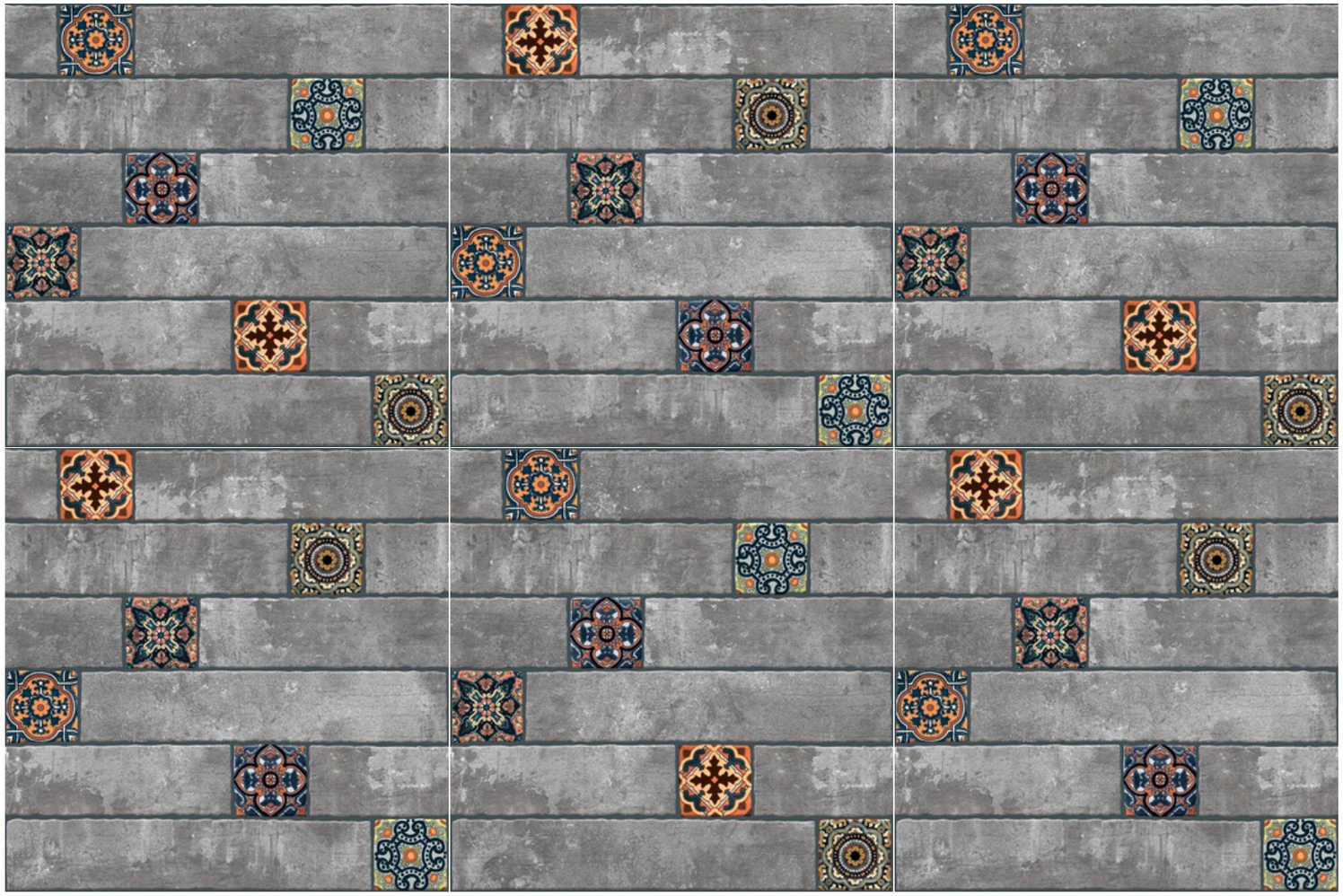
600 x 600mm | Finish Matt | 02 Random

FLOOR GRES

#12MM



Omega Marron



600 x
600mm

Finish
Matt

02
Random

FLOOR
GRES

OUTLOOK

Collection

#12MM



Omega Oyster


Omega Oyster

OUTLOOK

Collection



600 x 600mm | Finish Matt | 02 Random

FLOOR GRES

#12MM



Omega Sepia



600 x 600mm | Finish Matt | 02 Random



FLOOR GRES

OUTLOOK

Collection

#12MM



Omega Siena


Omega Siena

ADVANTAGES

Resitant to heavy loads

Resitant to frost and thermal shock

Resitant to ratio/ reduced weight

Anti-slip

No necessary treatments

Easy cleaning

Board choice of aesthetic effects

Coordinated accessories and indoor floors

Resitant to chemicals

Resitant to swimming-pool defrosting salts

Anti-stain and anti-modul

Durable over time

Time and money savings

Immediately treadable after installation

Carriageable with adhesive installation

Draining

BENEFICIO

- 12mm di spessore
- antisleep
- durevole nel tempo
- resistenza chimica
- resistenza al carico pesante
- facile da mantenere

BENEFIT

- 12 mm thick
- anti-sleep
- durable over time
- chemical resistance
- resistance to heavy load
- easy to maintain

AVANTAGE

- 12 mm d'épaisseur
- anti-sommeil
- durable dans le temps
- résistance chimique
- résistance à la charge lourde
- facile à entretenir

VORTEIL

- 12 mm dicke
- antischlaf
- dauerhaft im Laufe der Zeit
- chemische Beständigkeit
- widerstand gegen schwere Belastung
- einfach zu warten

BENEFICIO

- 12 mm de espesor
- antisueño
- duradero en el tiempo
- resistencia química
- resistencia a la carga pesada
- fácil de mantener

выгода

- толщина 12 мм
- защита от сна
- долговечность
- химическая стойкость
- устойчивость к большим нагрузкам
- простота обслуживания

OUTDOOR /TECHNICAL INFO

Vantaggi tecnici •Technical advantages • Avantages techniques Technische Vorteile•Ventajas técnicas • Технические преимущества

HC HEAVY COMMERCIAL



- Lastra monolitica compatta di spessore 12 mm squadrata e rettificata
- Compact monolithic slab 12 mm thick squared and rectified
- Dalle monolithique compacte de 12 mm d'épaisseur, équarrie et rectifiée
- Kompakte monolitische Platte, 12 mm dick, rechtwinklig und scharfkantig geschliffen
- Losa monolítica compacta de 12 mm de espesor, escuadrada y rectificada.
- Компактная монолитная плита толщиной 12 мм, прямоугольная и выпрямленная



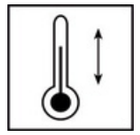
- INGELIVO
- FROST RESISTANT
- INGÉLIF
- FROSTBESTÄNDIG
- RESISTENTE A LA HELADA
- МОРОЗОСТОЙКАЯ



- ANTISCIVOLO
- ANTI SLIP
- ANTIDÉRAPANT
- RUTSCHFEST
- ANTIDESLIZANTE
- НЕСКОЛЬЗКАЯ



- ELEVATA RESISTENZA AI CARICHI STATICI
- HIGH STATIC LOAD RESISTANCE
- RÉSISTANCE ÉLEVÉE AUX CHARGES STATIQUES
- HOHE STATISCHE BELASTBARKEIT
- ELEVADA RESISTENCIA A LAS CARGAS ESTÁTICAS
- ВЫДЕРЖИВАЕТ БОЛЬШИЕ СТАТИЧЕСКИЕ НАГРУЗКИ



- RESISTENTE AGLI SBALZI TERMICI
- THERMAL SHOCK RESISTANT
- RÉSISTANT AUX ÉCARTS THERMIQUES
- TEMPERATURWECHSELBESTÄNDIG
- TEMPERATURWECHSELBESTÄNDIG
- СТОЙКАЯ К ТЕПЛОВЫМ ПЕРЕПАДАМ



- INATTACCABILE DA AGENTI CHIMICI E MUFFE
- IMPERVIOUS TO ATTACK BY CHEMICALS OR MOULD
- RÉSISTANT AUX AGENTS CHIMIQUES ET AUX MOISISSURES
- UNANGREIFBAR DURCH CHEMISCHE STOFFE UND SCHIMMEL
- RESISTENTE A LOS AGENTES QUÍMICOS Y A LOS MOHOS
- НЕ ПОДВЕРГАЕТСЯ ВОЗДЕЙСТВИЮ ХИМИЧЕСКИХ ВЕЩЕСТВ И ПЛЕСЕНИ



- FACILE DA POSARE
- EASY TO INSTALL
- FACILE À POSER
- VERLEGELEICHT
- FÁCIL DE COLOCAR
- ЛЕГКО УКЛАДЫВАЕТСЯ



- FACILE DA PULIRE
- EASY TO CLEAN
- FACILE À NETTOYER
- REINIGUNGSLEICHT
- FÁCIL DE LIMPIAR
- ЛЕГКО ЧИСТИТСЯ

technical specifications

600x600mm

OutLook

Collection

PACKAGING DETAILS

SIZE	600x600mm
THICKNESS	12mm
NO OF TILES / BOX	3 pcs
SQ. MTR. / BOX	1.08 sq. mtr.
SQ. FT. / BOX	11.62 sq. ft.
WT. OF BOX	27 kg

CHARACTERISTIC	I.S.- 4457:2007	IS - 15622:2017 Group B1b	OutLook Collection		Test Method
			12mm	15mm	
A) Dimension Quality		**Rectified**			
Deviation in Length & Width	±0.5%	±0.1%	±0.1%	±0.1%	IS 4457:2007 Annex B / ISO 10545-2
Deviation in Thickness	±5%	±5%	±4%	±4%	
Straightness of Sides	±0.2%	±0.1%	±0.1%	±0.1%	
Rectangularity	±0.2%	±0.1%	±0.1%	±0.1%	
Surface Flatness	±0.3%	±0.5%	±0.3%	±0.3%	
Surface Quality	Min 95%	Min 95%	Min 95%	Min 95%	
B) Physical Properties					
Water Absorption	< 0.5%	0.08<E<_3	< 0.5%	< 0.5%	IS 4457:2007 Annex C / ISO 10545-3
a) Scratch hardness of surface (Moh's scale) – Unglazed tile	–	>_5	>_7	>_7	IS 13630 part 13
b) Scratch hardness of surface (Moh's scale) - Glazed tile	–	>_5	>_6	>_6	
Flexural Strength (Average MOR)	>35N/mm²	>30N/mm²	>38N/mm²	>38N/mm²	IS 4457:2007 Annex D / ISO 10545-4/IS 13630-6
Breaking Strength	>_1300N	>_1100N	>1600N	>3000N	IS 4457:2007 Annex D / ISO 10545-4/IS 13630-6
Impact Resistance	Manufacturer to declare	>_0.55	>_0.55	>_0.55	ISO 10545-5 / IS 13630 -14
Deep Abrasion Resistance (Unglazed tile)	<175mm3	<175mm3	<120 mm3	<120 mm3	IS 4457:2007 Annex E / ISO 10545- 6/IS 13630-12
Resistance to Surface Abrasion of Glazed Tiles for Floor Application)	–	Class II, Min	Min PEI IV	Min PEI IV - V	ISO 10545-7 / IS 13630 -11
# Skid Resistance	–	–	–	–	–
a) Skid Resistance - Ramp Test	Manufacturer to declare	Manufacturer to declare	>_R9	>_R9	DIN 51130
b) Coefficient of Friction	Manufacturer to declare	Manufacturer to declare	>0.42	>0.42	ISO 10545-17 / ANSI A 326.3
Frost Resistance	–	–	No damage	No damage	ISO 10545-12 / IS 13630-10
Density (gm/cc)	–	>_2.0	>2.2	>2.2	IS 13630 part 2
Moisture Expansion	Manufacturer to declare	Manufacturer to declare	<_0.3mm/m	<_0.3mm/m	IS 13630-part 3 / ISO 10545-10
Color Resistance to UV Light	Report result	–	No change in color	No change in color	DIN 51094
C) Chemical Properties					
Resistance to Concentrated HNO3 & H2SO4 Acid (wt. Loss)	<1.5 %	–	<0.8%	<0.8%	IS 4457:2007 Annex G
Resistance to Chemicals	–	–	–	–	–
a) Resistance to Low concentrations of acids & alkalies	Manufacturer to declare	Manufacturer to declare	ULA /GLA	ULA /GLA	ISO 10545-13
b) Resistance to High concentrations of acids & alkalies	Manufacturer to declare	Manufacturer to declare	UHA /GHA	UHA /GHA	
c) Resistance to household chemicals and swimming pool salts	Manufacturer to declare	UA /GA	UA /GA	UA /GA	
Stain resistance	Resistant	Resistant	Resistant	Resistant	IS 13630 part 7 / ISO 10545-14
D) Thermal Properties					
Linear Thermal Expansion	–	<_7x10-6K-1	<_7x10-6K-1	<_7x10-6K-1	IS 13630 part 4 / ISO 10545-8
Thermal shock resistance	No damage	No damage	No damage	No damage	IS 13630 part 5 / ISO 10545-9
E) The profile of raised Button / Liner					
Raised Button / Liner Height	–	–	4.5mm to 5.0mm	4.5mm to 5.0mm	DETR Standard Chapter 6 / ISO 23599:2012

Note