FLOOR GRES

# OUTDOOR # 12MM

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



# 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,thevaluethatmustunderlle 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

# #12MM

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

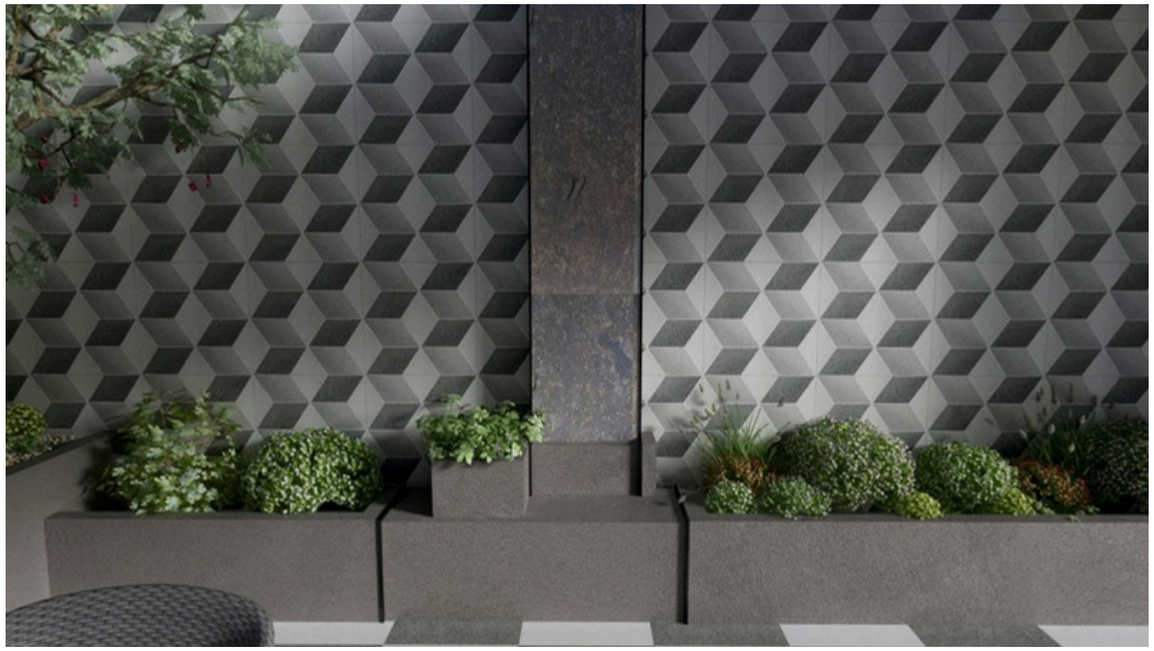
# OUTDOOR

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





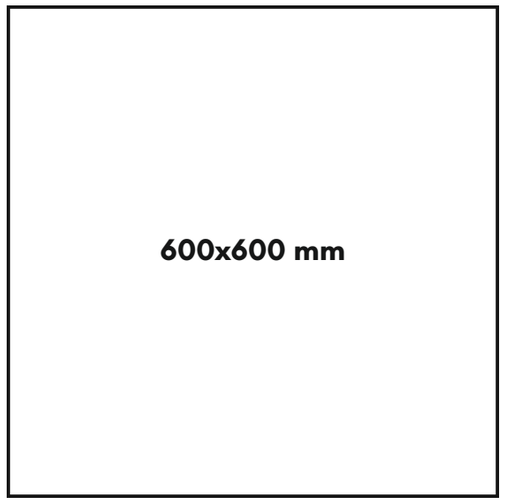
Application on Wall



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**

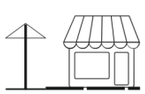


**Mandatory 4mm Spacer (Grout)**

# RANGE OF POSSIBLE APPLICATION



URBAN AREA



SEASIDE RESORTS



PARKING LOTS



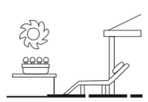
MALL AREAS



INDUSTRIAL AREAS



SIDEWALKS AND PEDESTRIAN AREAS



TERRACES



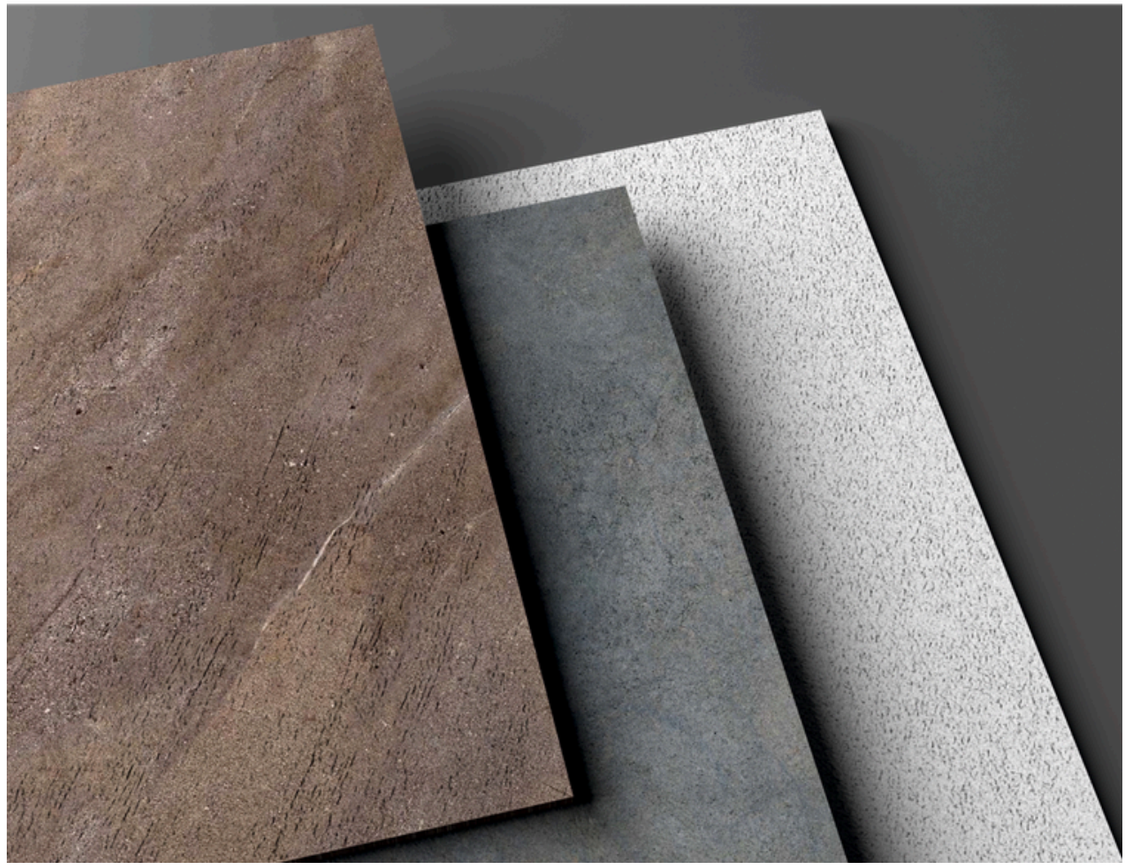
GARDENS AND PUBLIC AREAS

# 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

*Collection*

# DECORA

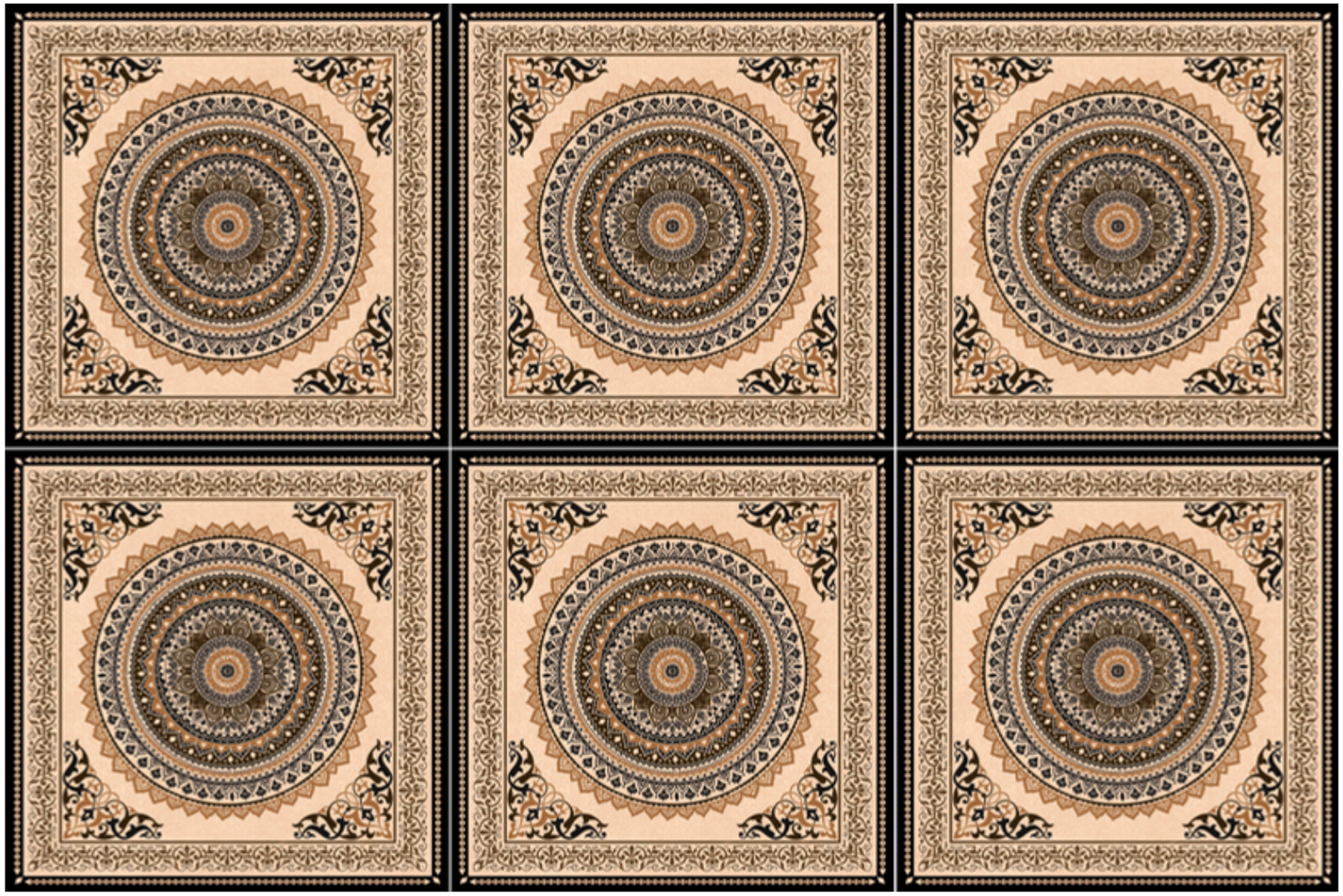
*Series*

12mm
thickness



# OUTLOOK

*Collection*



600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

#12MM



Decora 01

# OUTLOOK

*Collection*



600 x 600mm | Finish Matt | 01 Random




FLOOR GRES

#12MM



Decora 02



600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

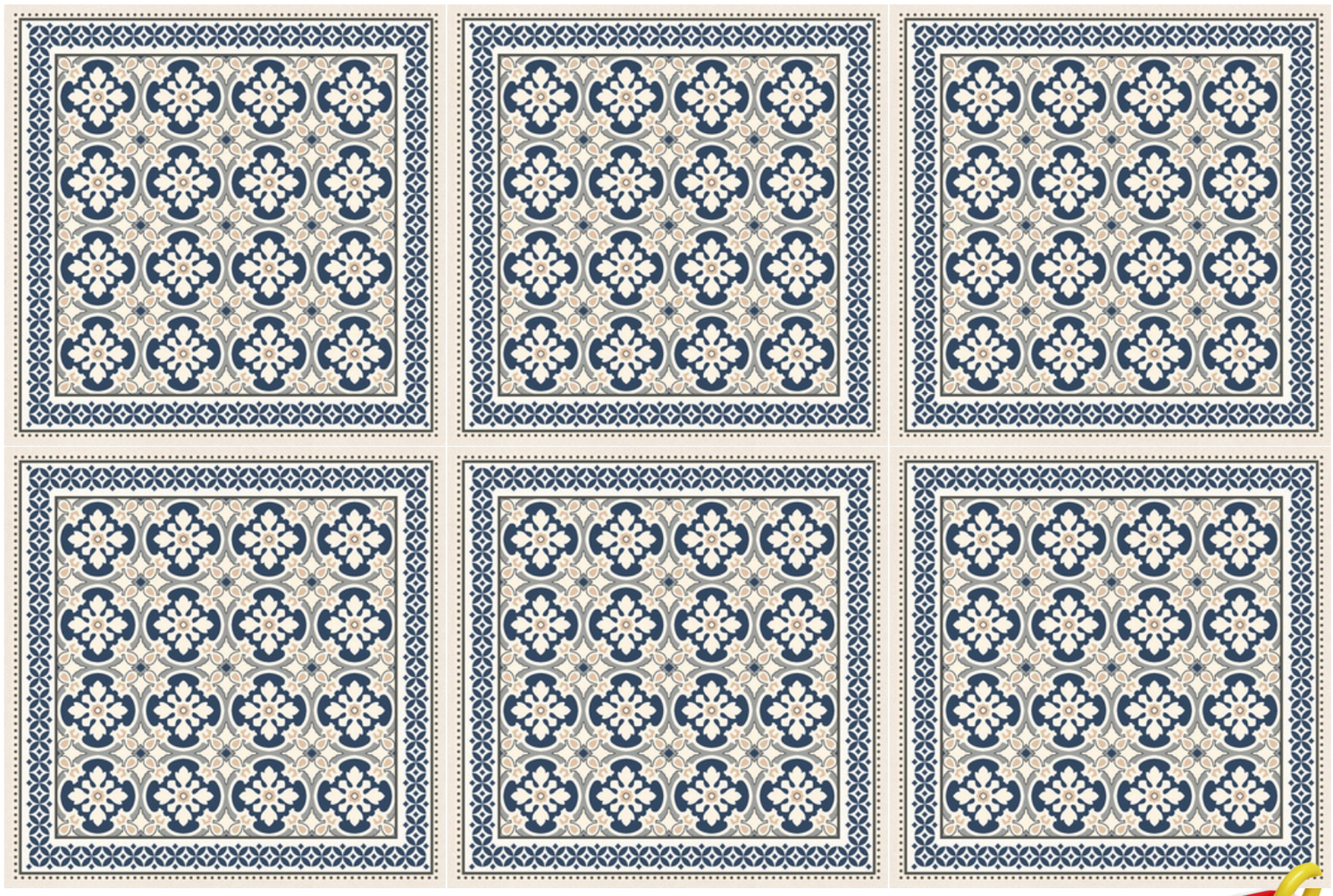
# OUTLOOK

*Collection*

#12MM



Decora 03



# OUTLOOK

*Collection*

600 x 600mm | Finish Matt | 01 Random




FLOOR GRES

#12MM

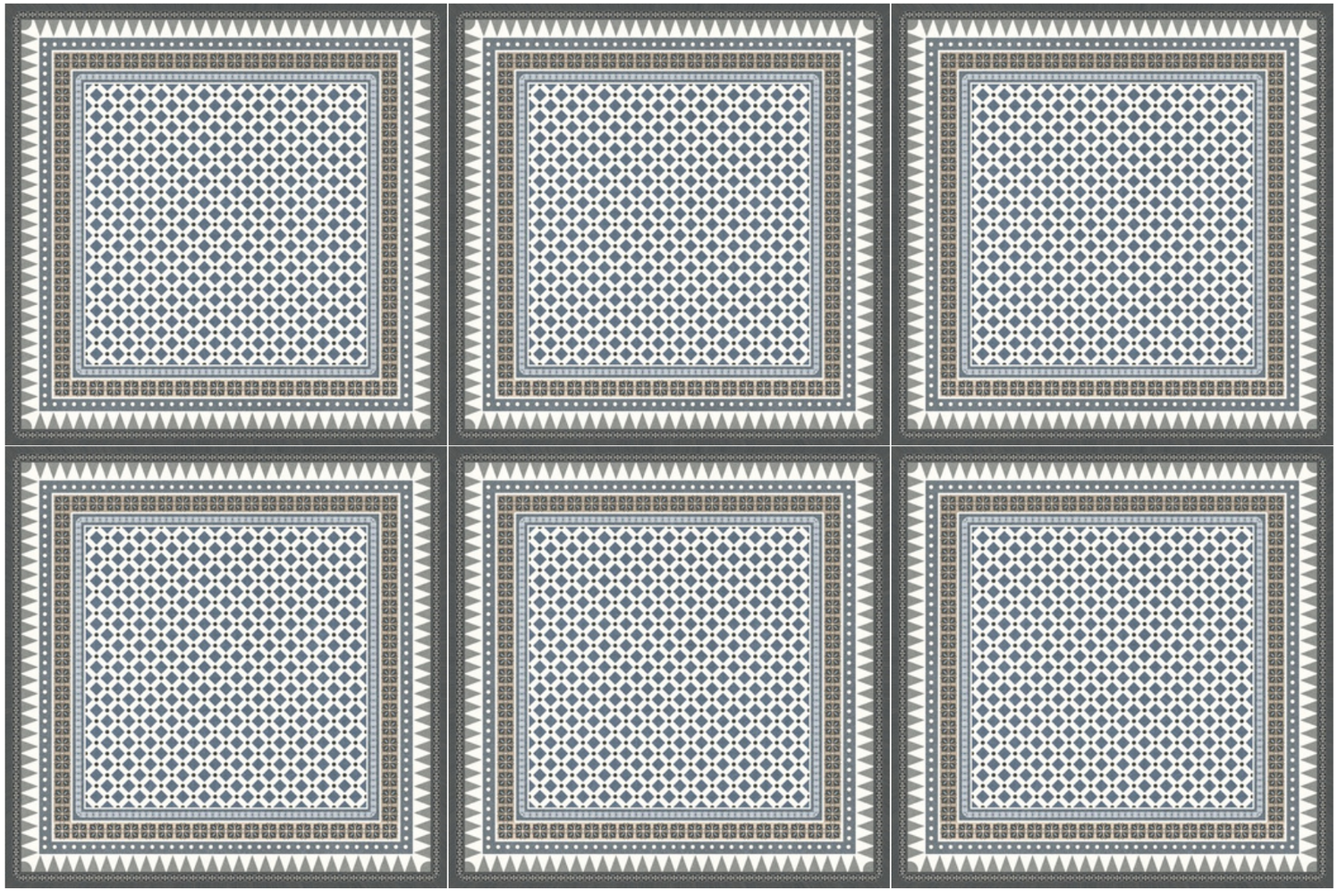


Decora 04


Decora 04

# OUTLOOK

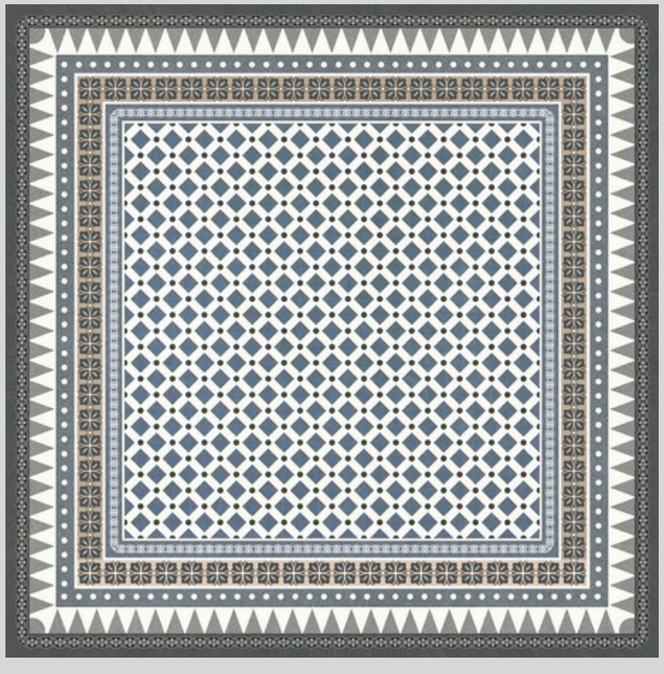
*Collection*



600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

#12MM



Decora 05

# OUTLOOK

*Collection*



600 x 600mm | Finish Matt | 01 Random

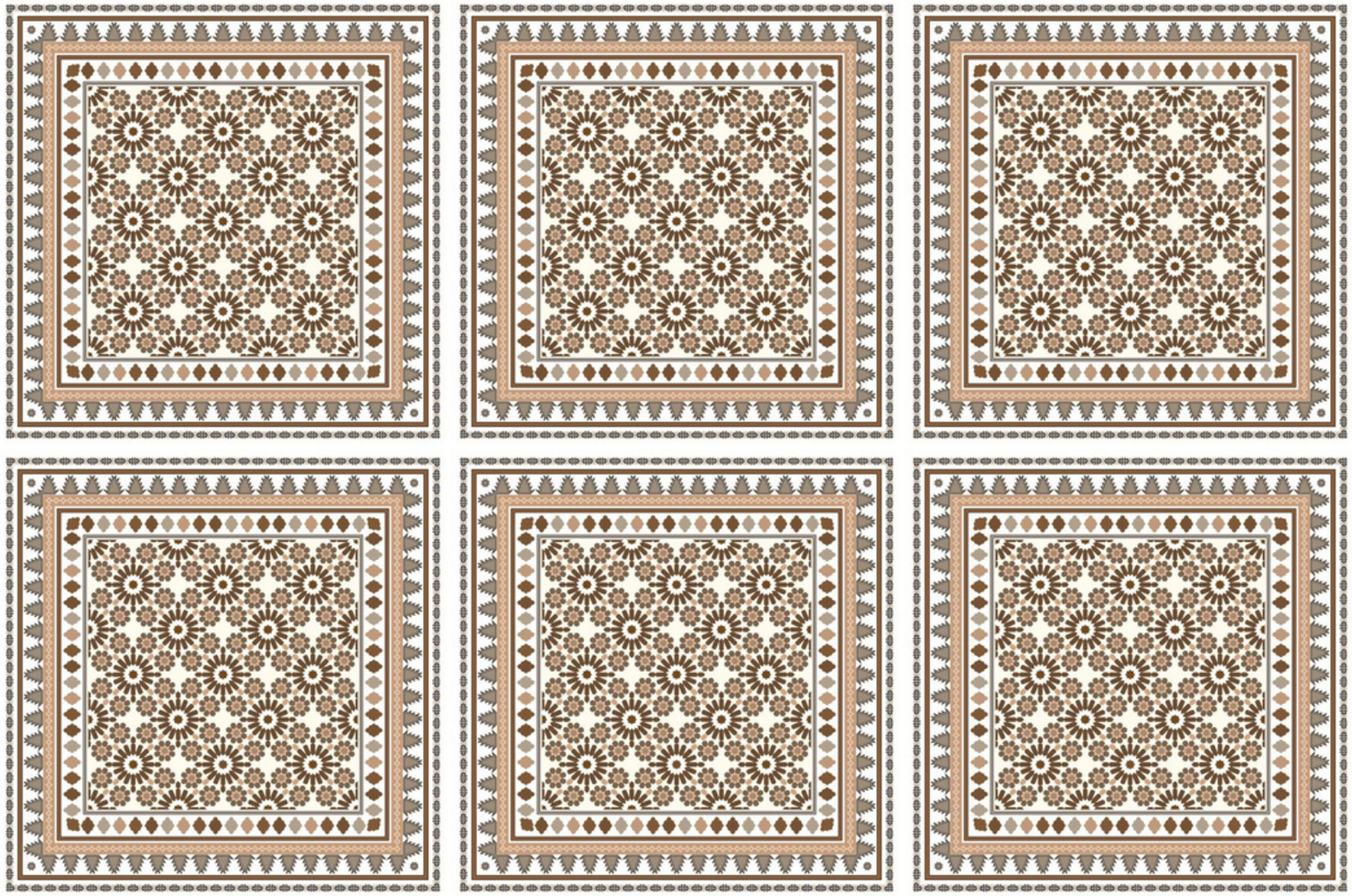
FLOOR GRES

#12MM



Decora 06


Decora 06



# OUTLOOK

*Collection*

**#12MM**



Decora 07

600 x 600mm | Finish Matt | 01 Random

FLOOR GRES



600 x 600mm | Finish Matt | 01 Random




FLOOR GRES

# OUTLOOK

*Collection*

#12MM



Decora 08



FLOOR GRES

Decora 08



600 x
600mm

Finish
Matt

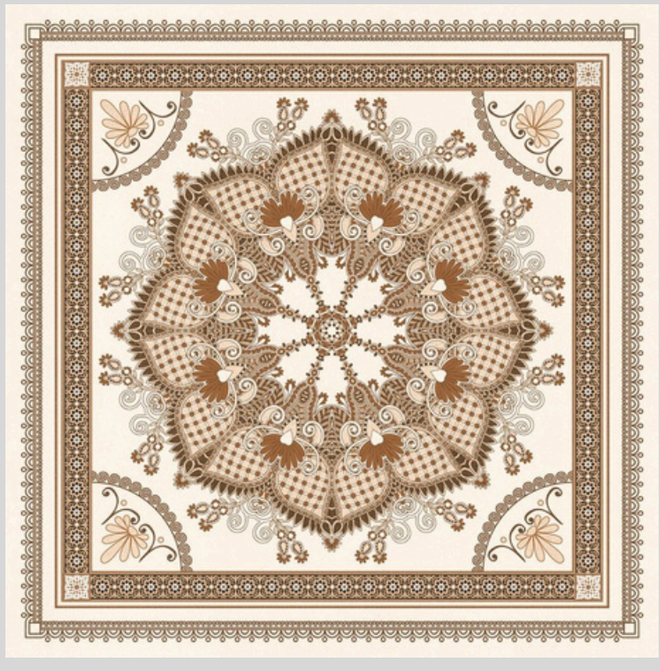
01
Random

FLOOR GRES

# OUTLOOK

*Collection*

#12MM



Decora 09

# OUTLOOK

*Collection*



600 x 600mm | Finish Matt | 01 Random

**FLOOR GRES**

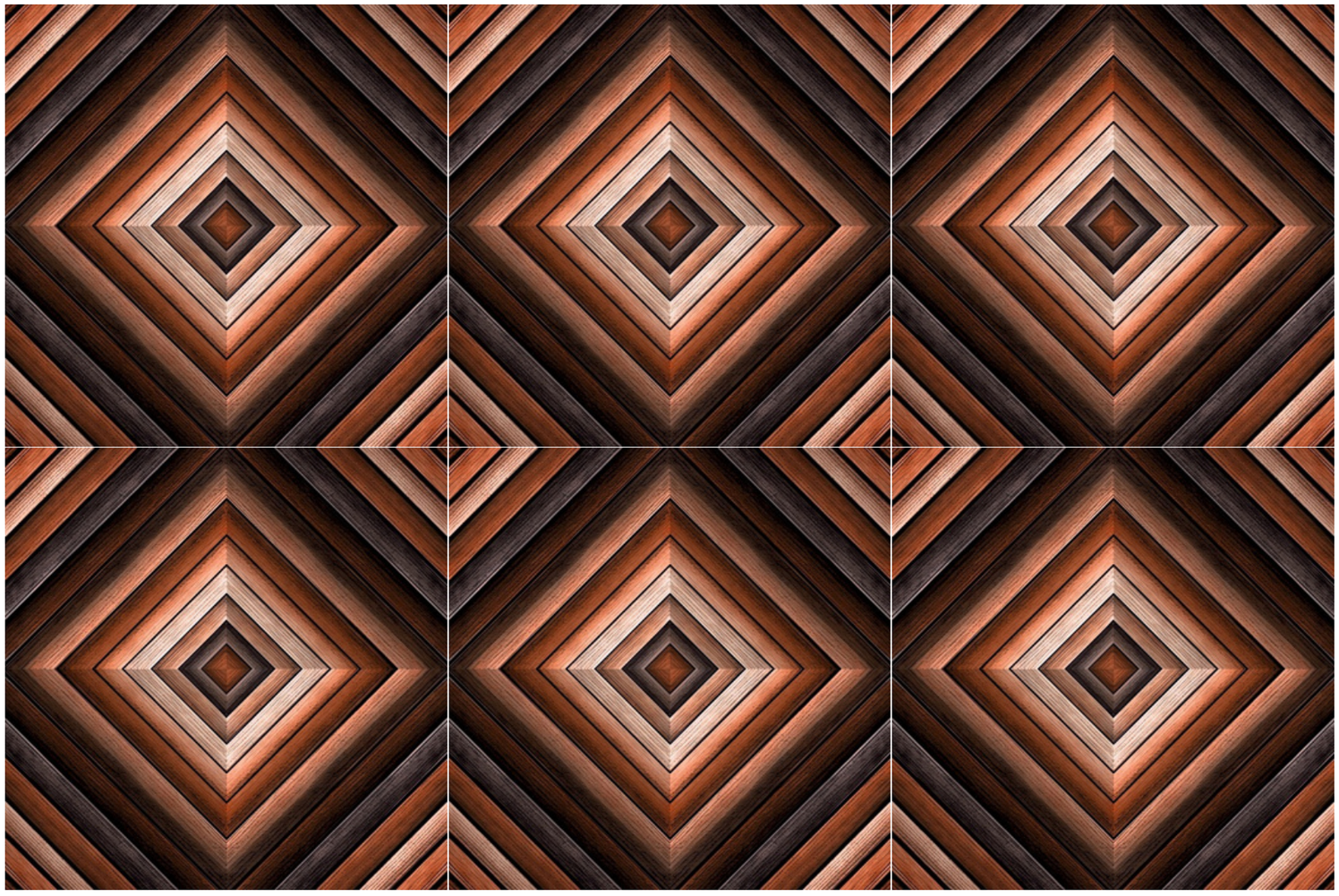
**#12MM**



Decora 10

# OUTLOOK

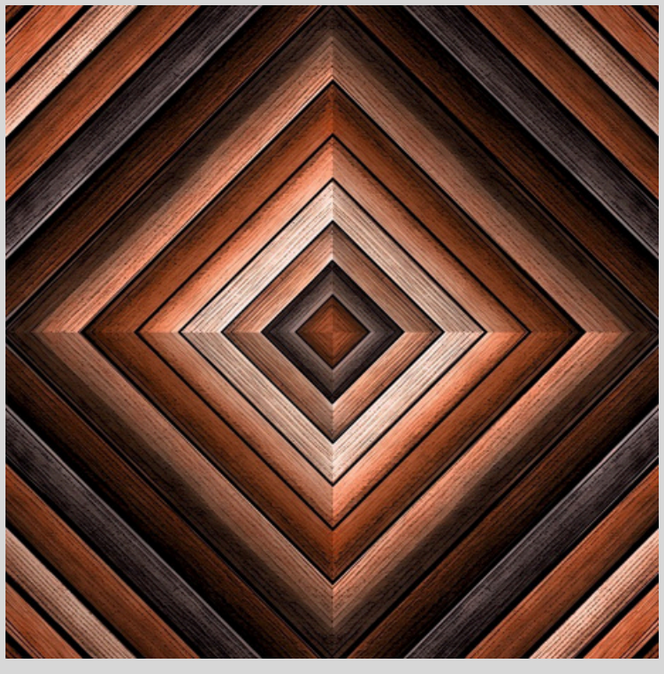
*Collection*



600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

#12MM

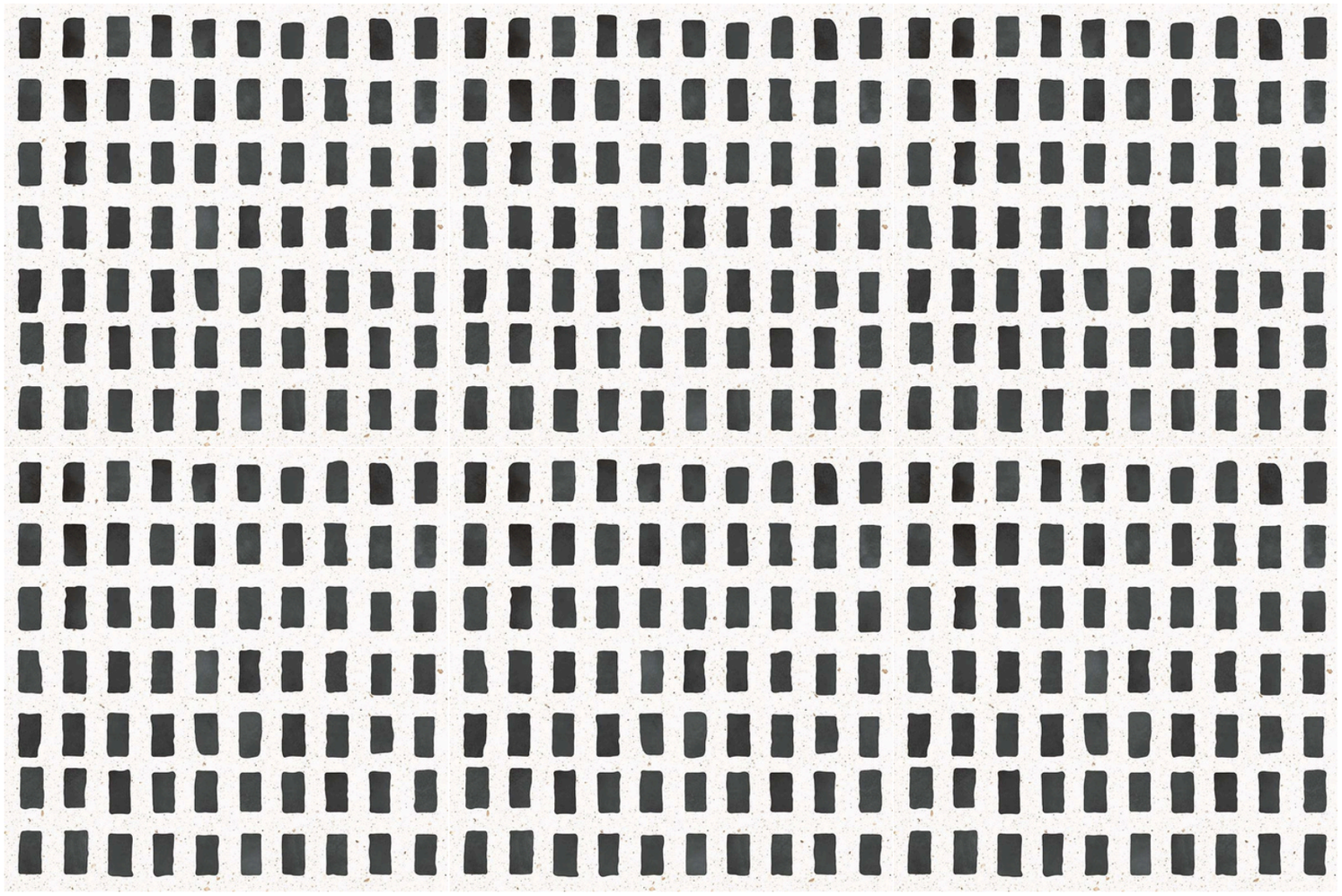


Decora 11


Decora 11

# OUTLOOK

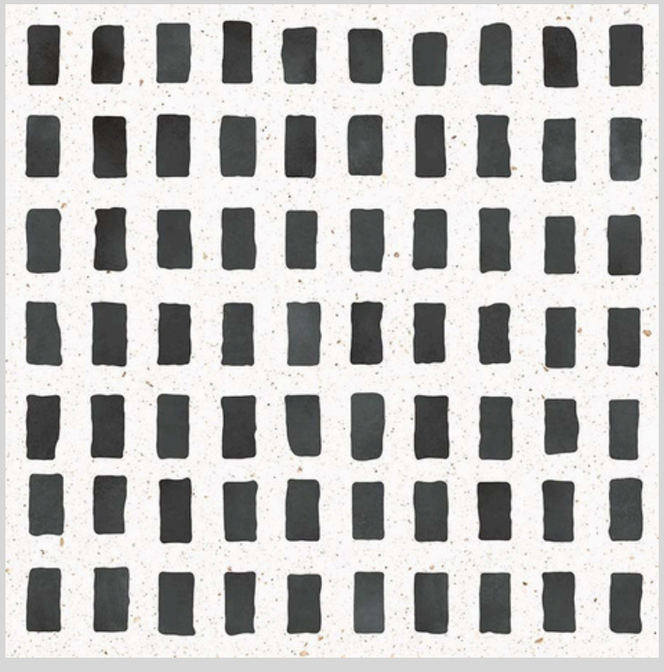
*Collection*



600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

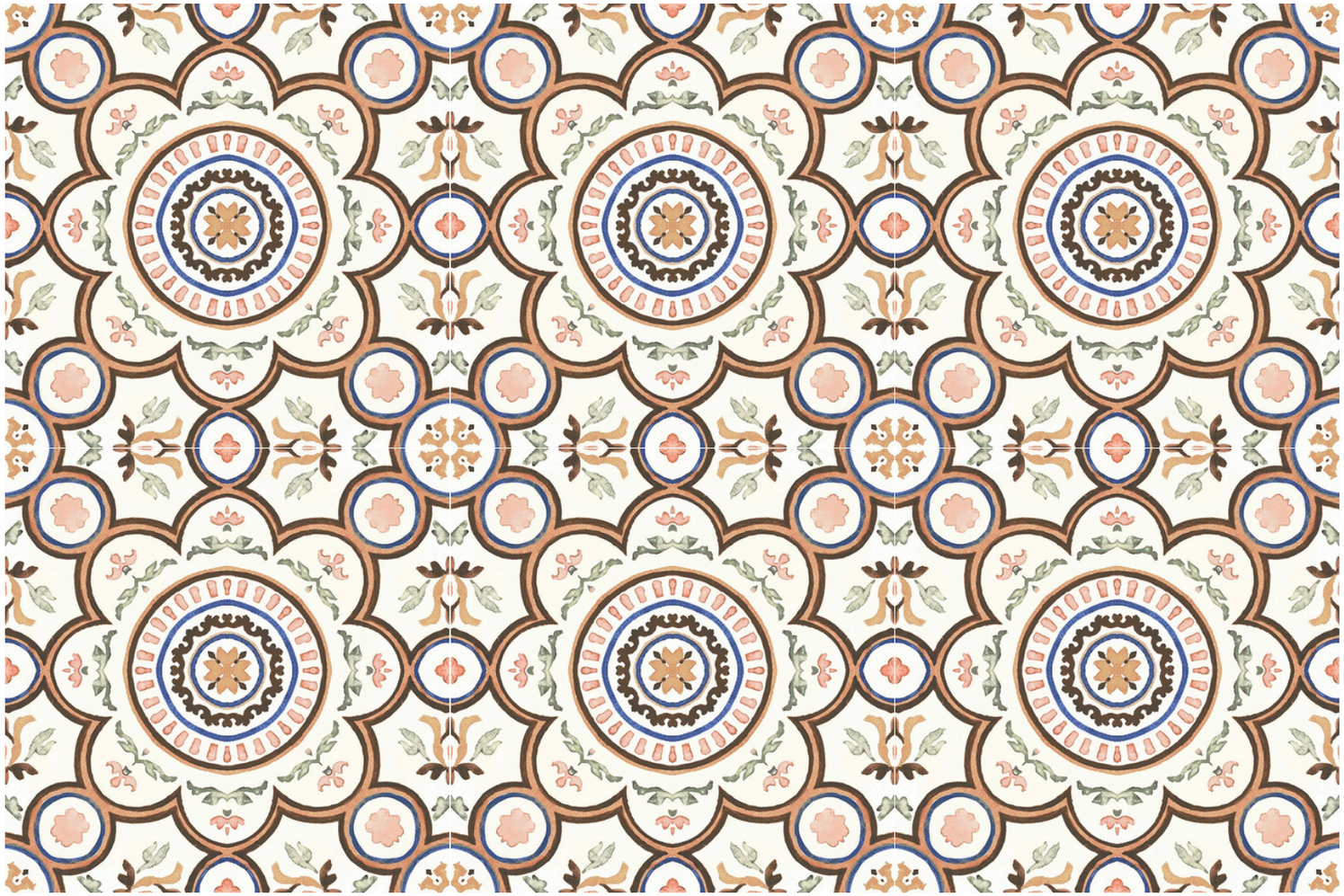
#12MM



Decora 12

# OUTLOOK

*Collection*



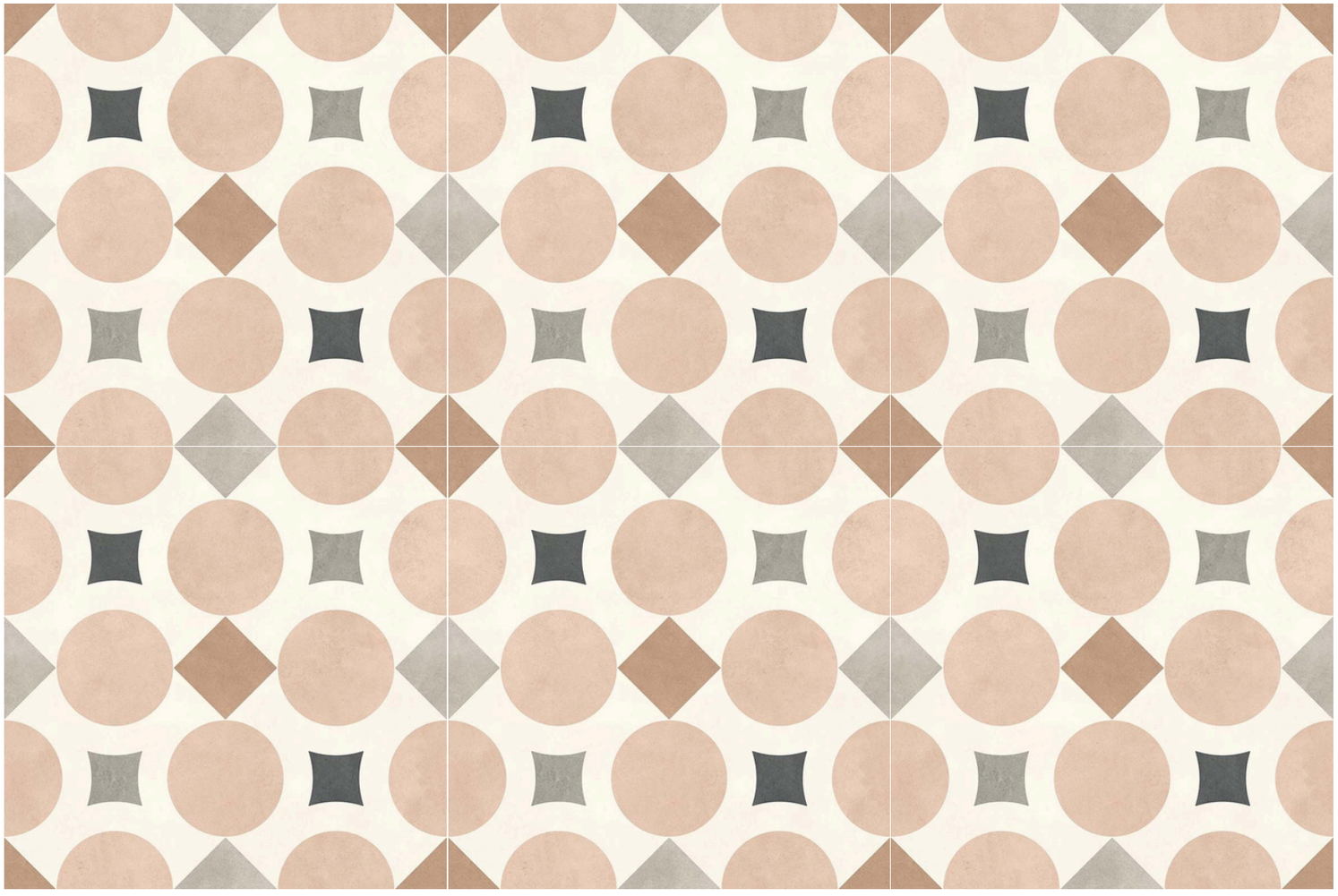
600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

#12MM



Decora 13



# OUTLOOK

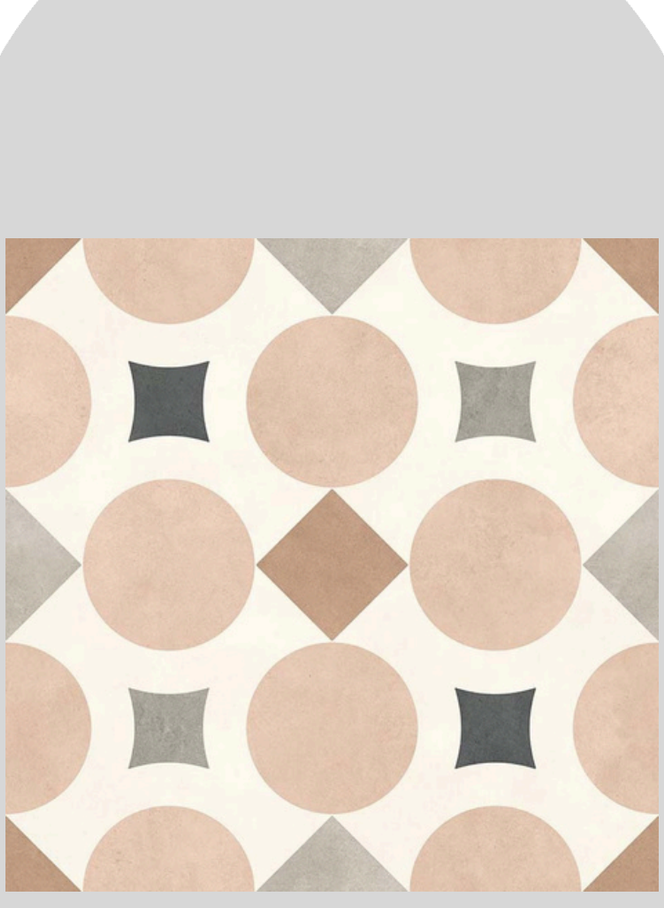
*Collection*

600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

www.spinoratiles.com

#12MM



Decora 14

# OUTLOOK

*Collection*



600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

#12MM



Decora 15

# OUTLOOK

*Collection*



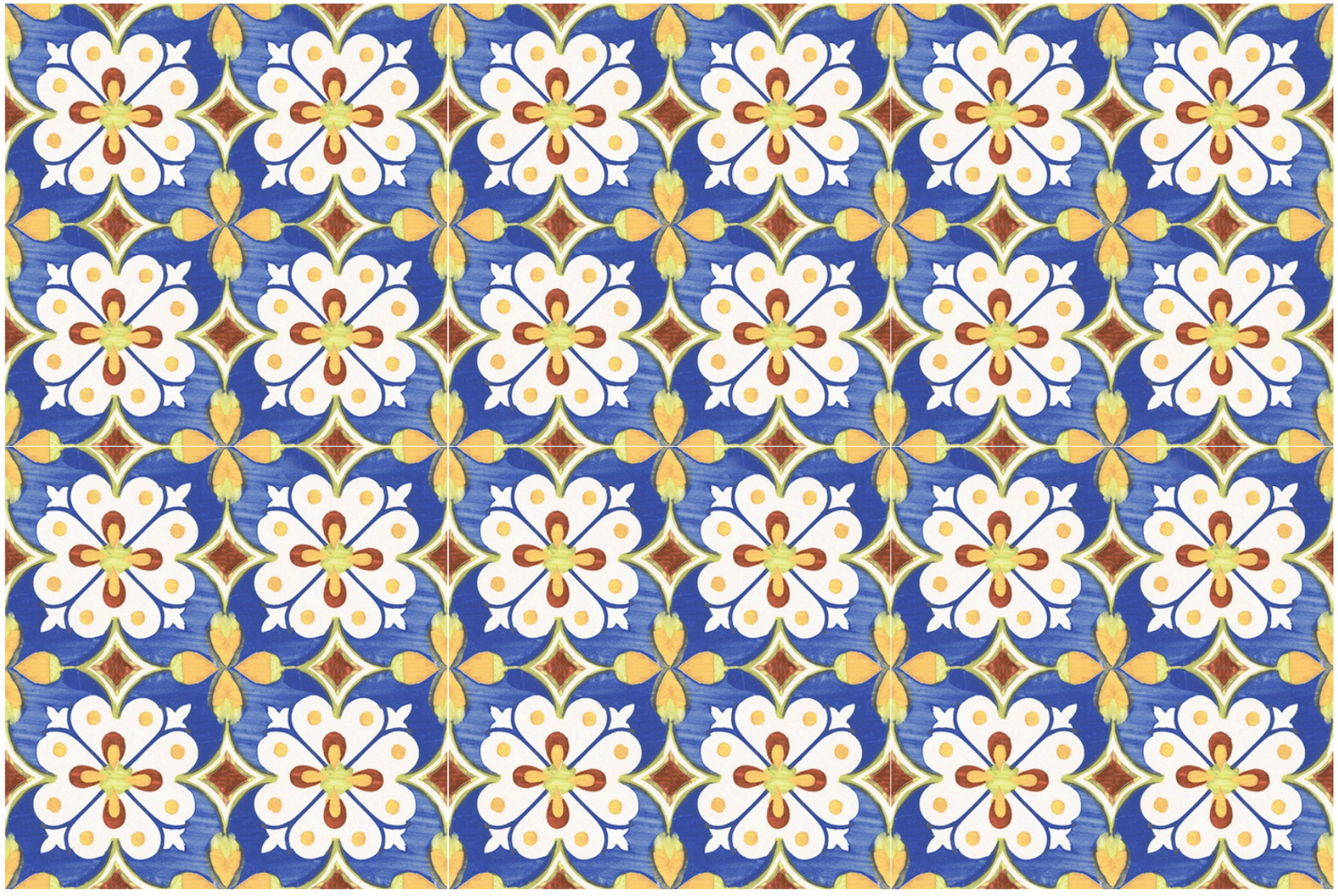
600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

#12MM



Decora 16



# OUTLOOK

*Collection*

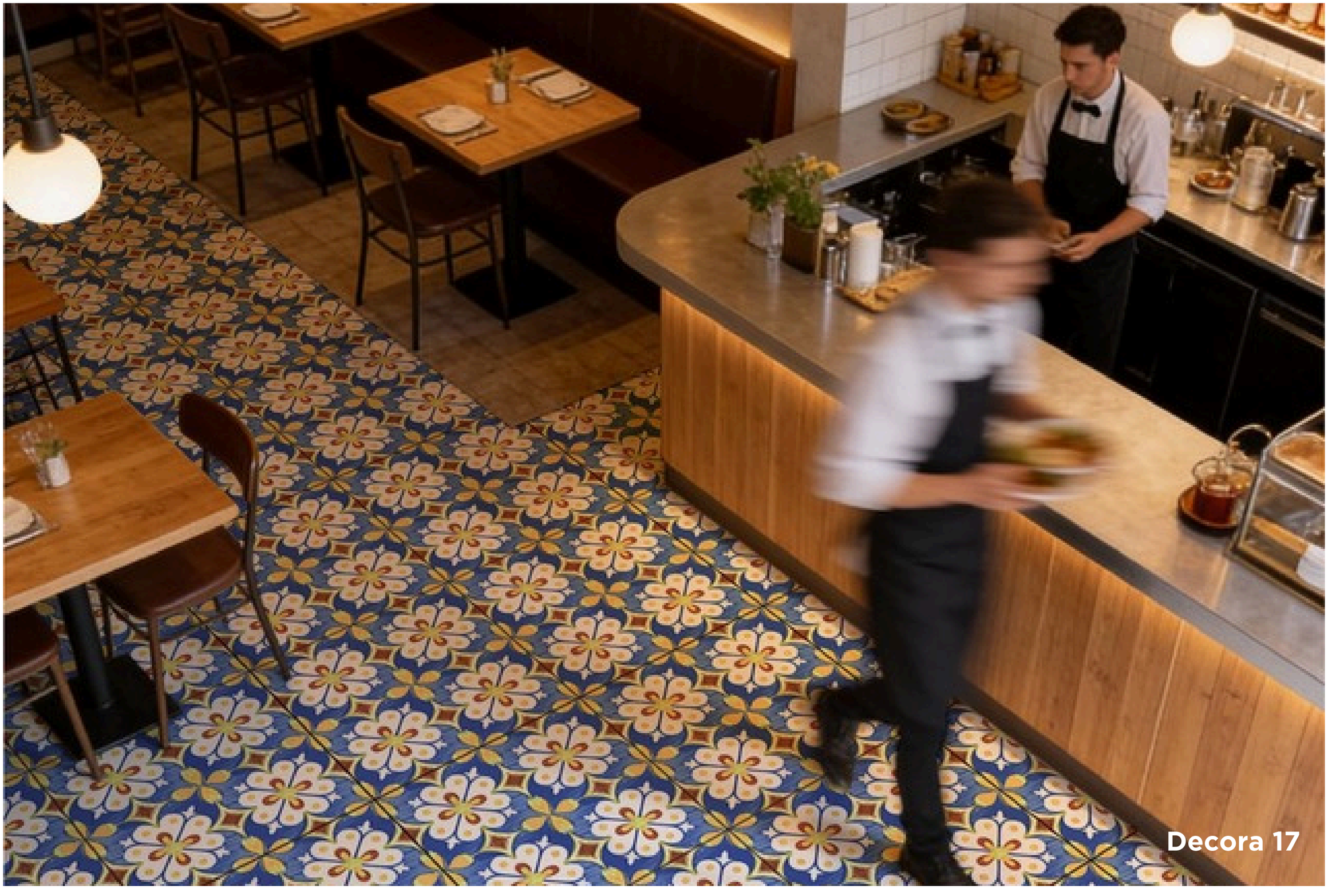
600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

#12MM

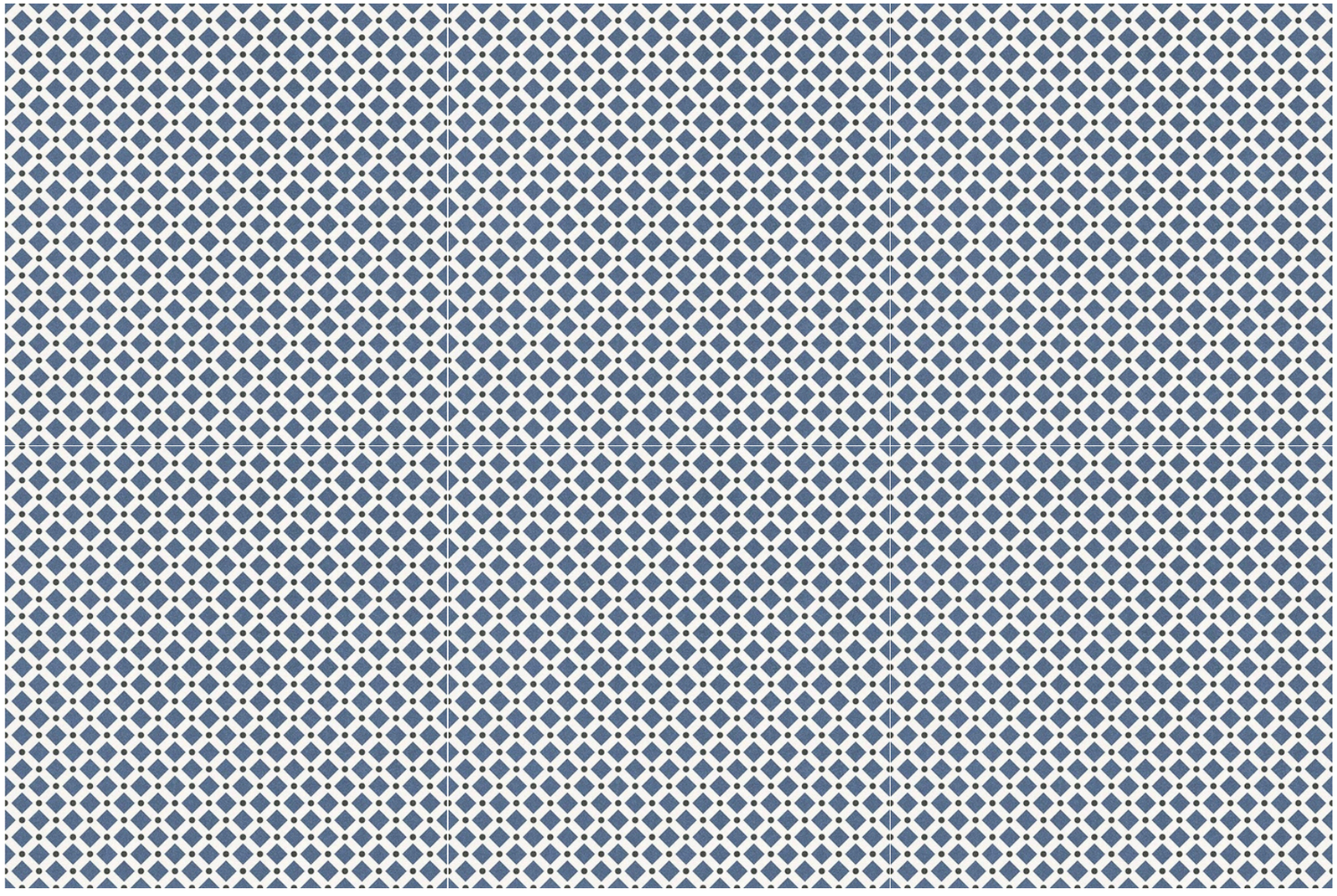


Decora 17


Decora 17

# OUTLOOK

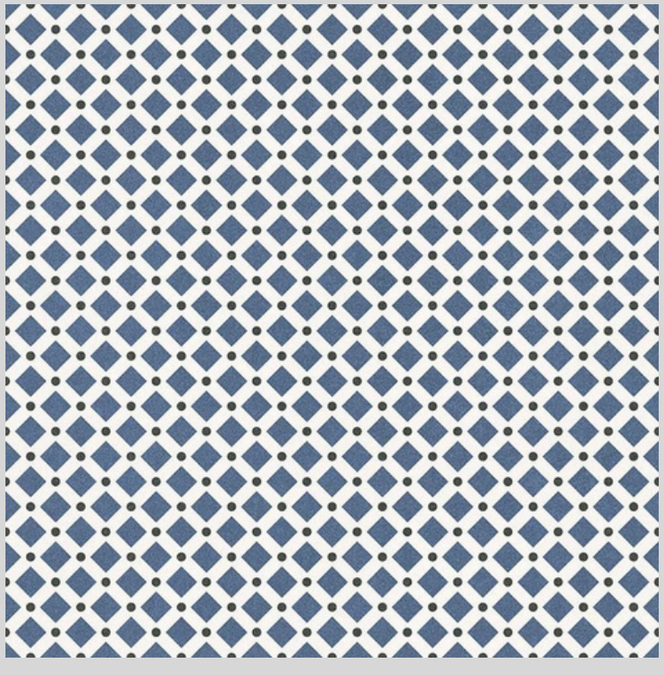
*Collection*



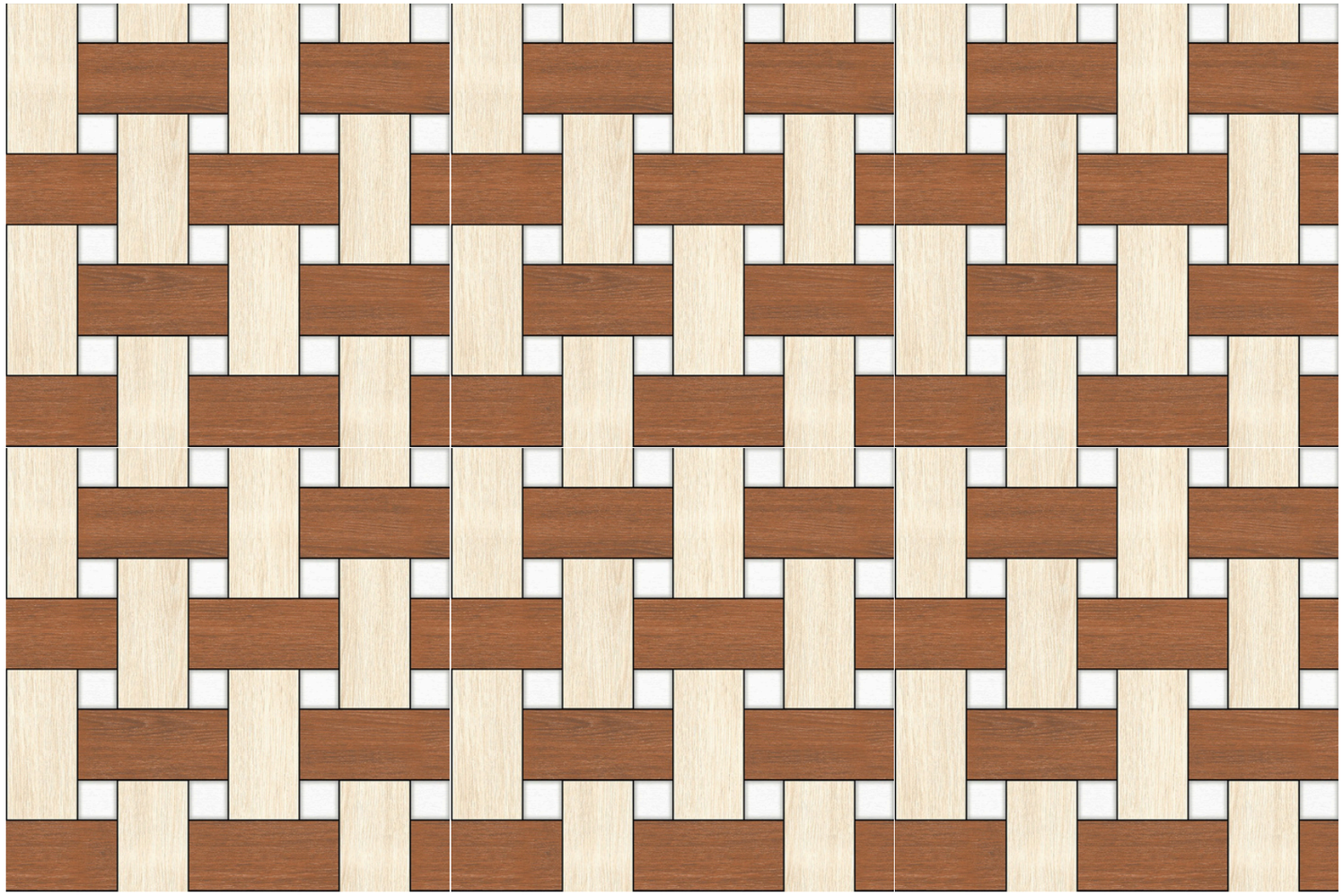
600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

#12MM



Decora 18



600 x
600mm

Finish
Matt

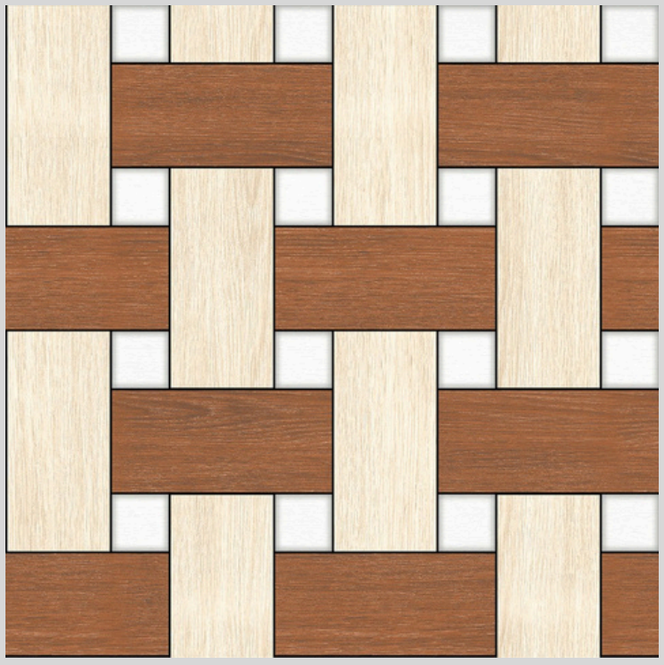
01
Random

FLOOR
GRES

# OUTLOOK

*Collection*

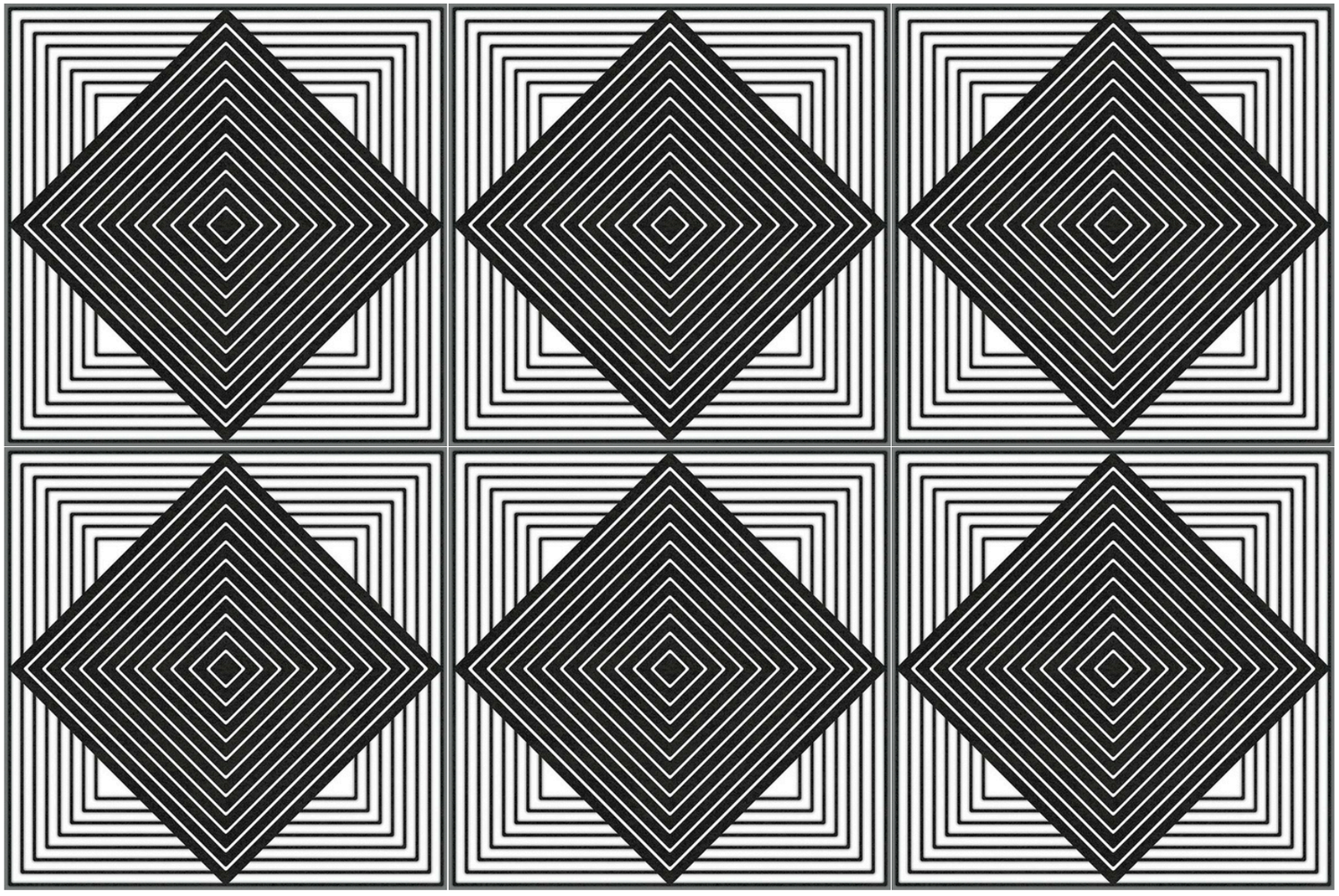
#12MM



Decora 19

# OUTLOOK

*Collection*



600 x 600mm | Finish Matt | 01 Random

**FLOOR GRES**

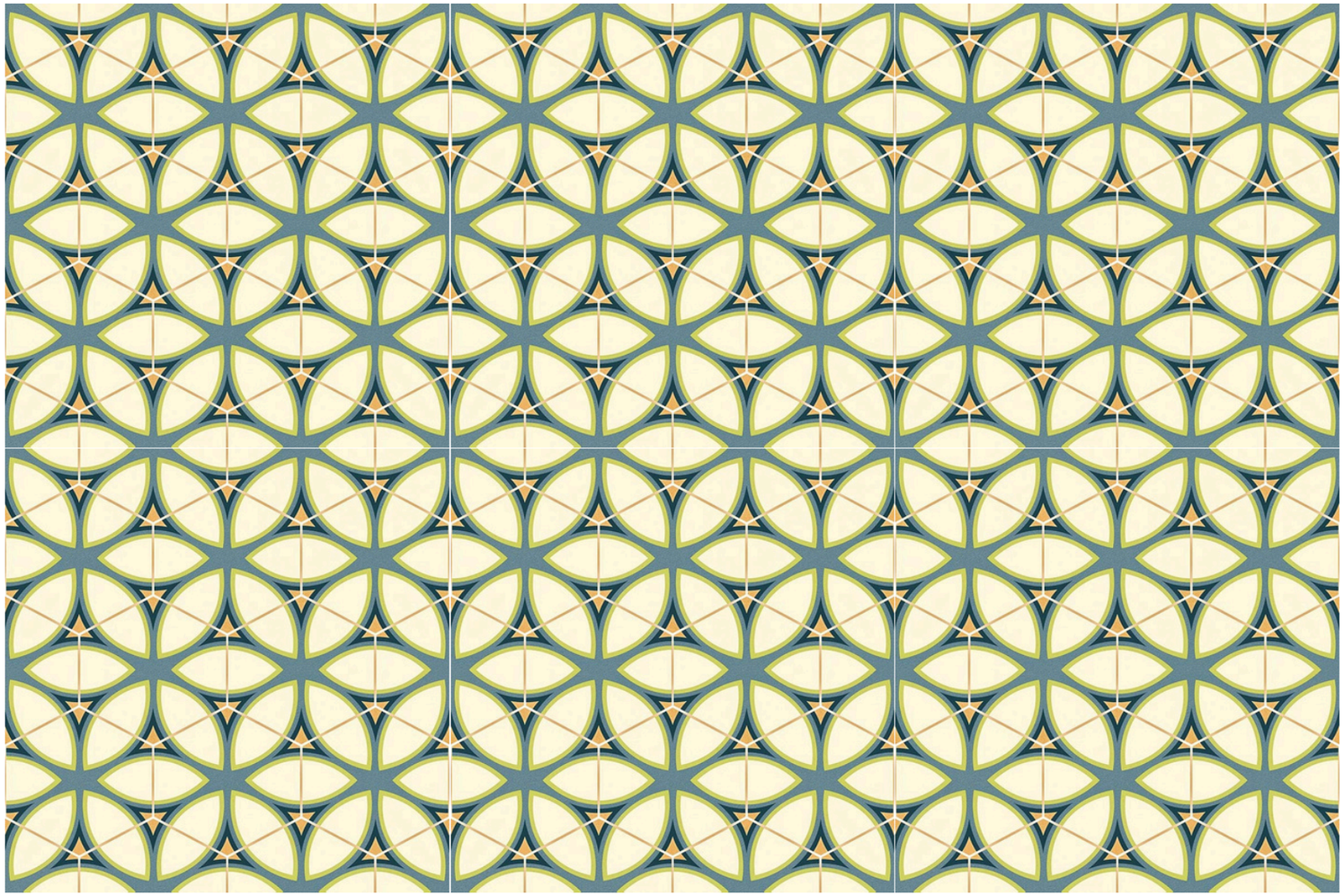
#12MM



Decora 20

# OUTLOOK

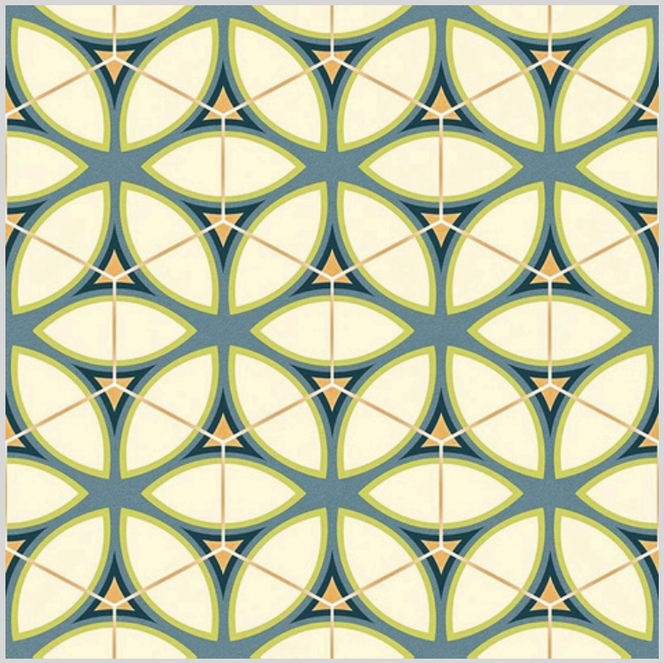
*Collection*



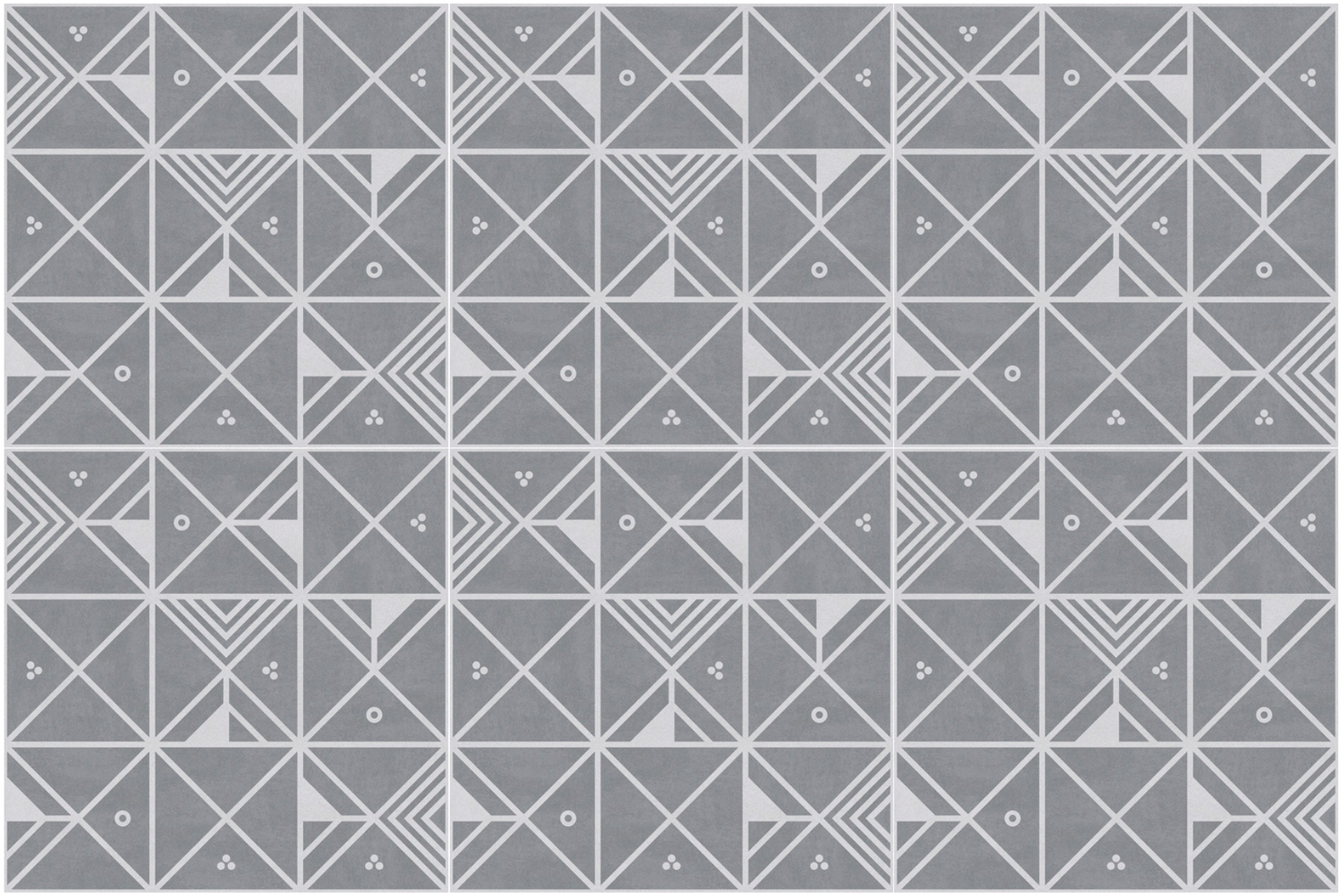
600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

#12MM



Decora 21



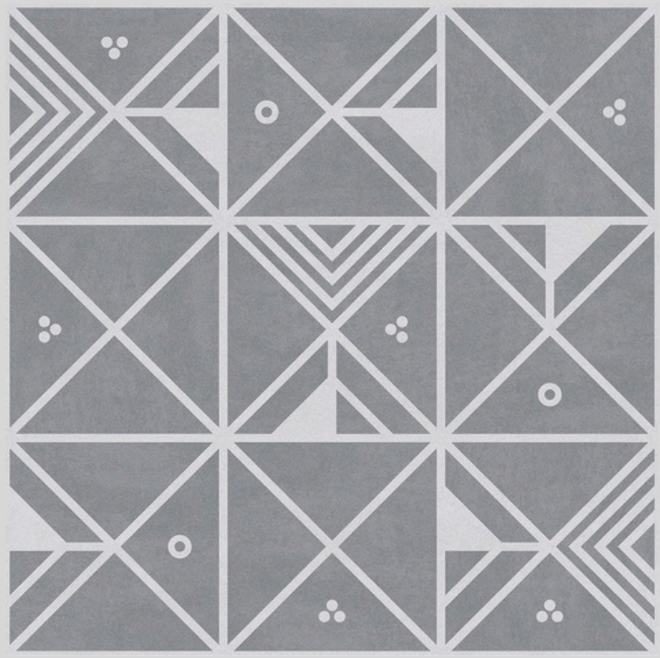
# OUTLOOK

*Collection*

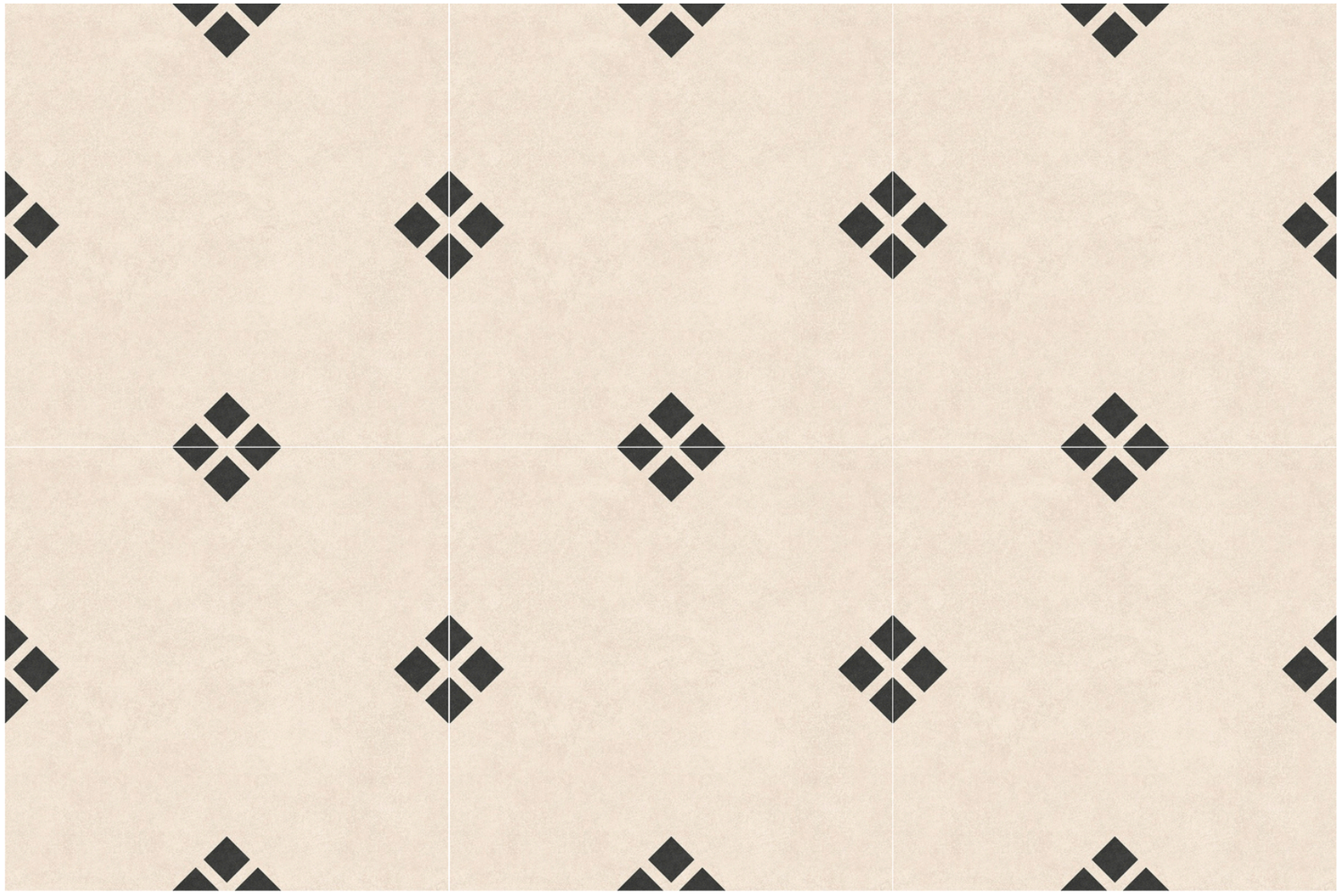
600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

#12MM



Decora 22

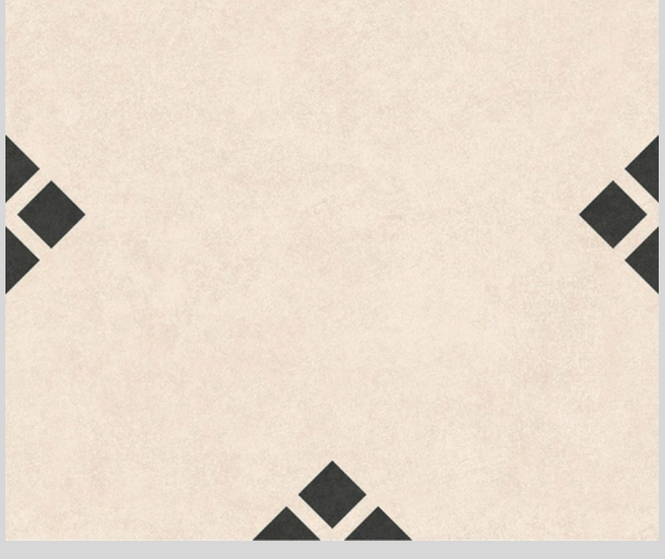


# OUTLOOK

*Collection*

600 x 600mm | Finish Matt | 01 Random

#12MM



Decora 23

FLOOR GRES



# OUTLOOK

*Collection*

600 x
600mm

Finish
Matt

01
Random

FLOOR GRES

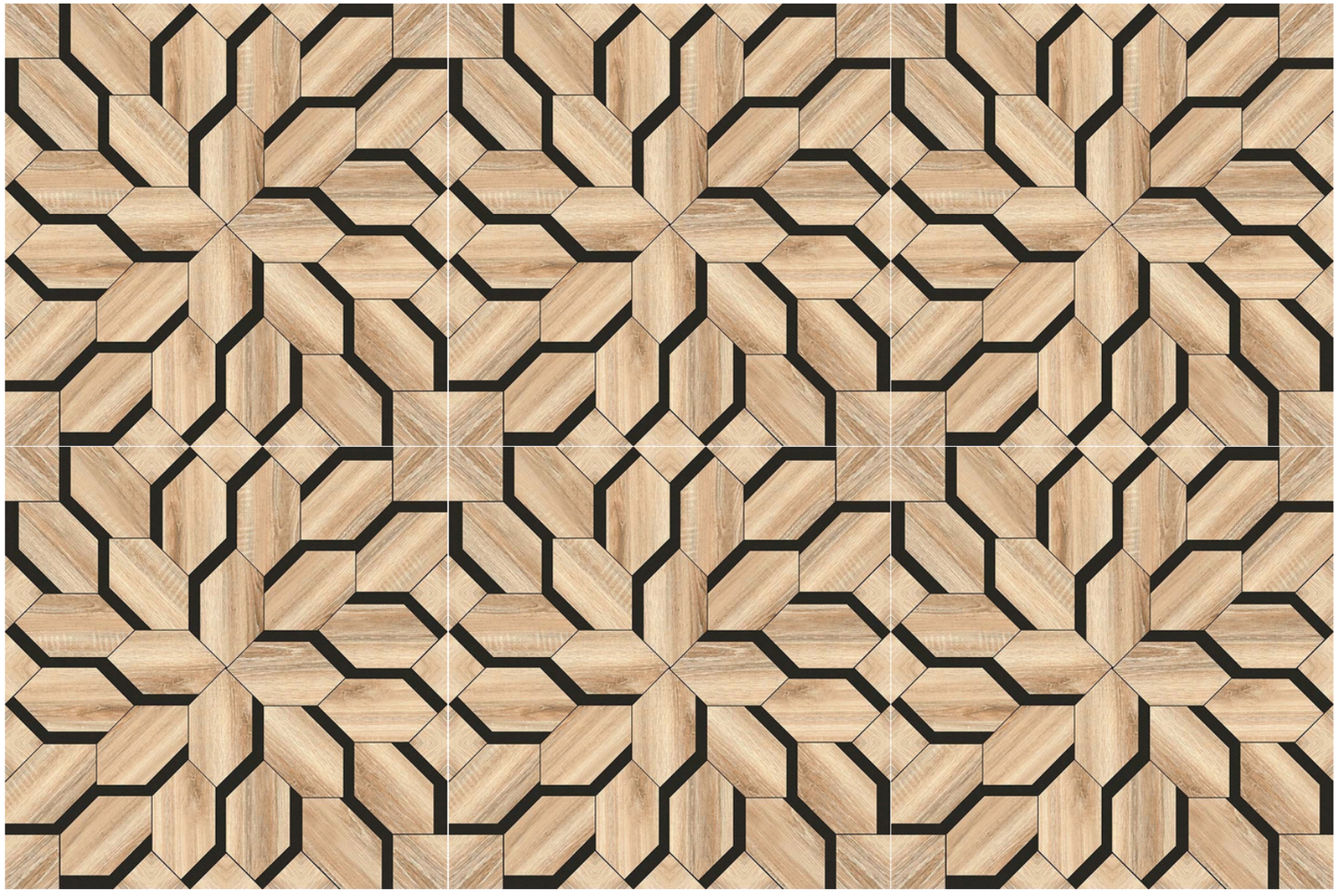
#12MM



Decora 24

# OUTLOOK

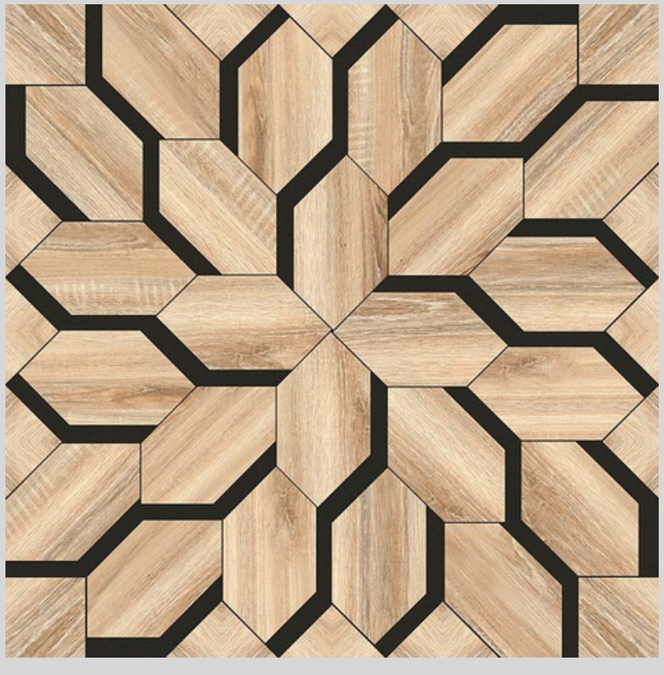
*Collection*



600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

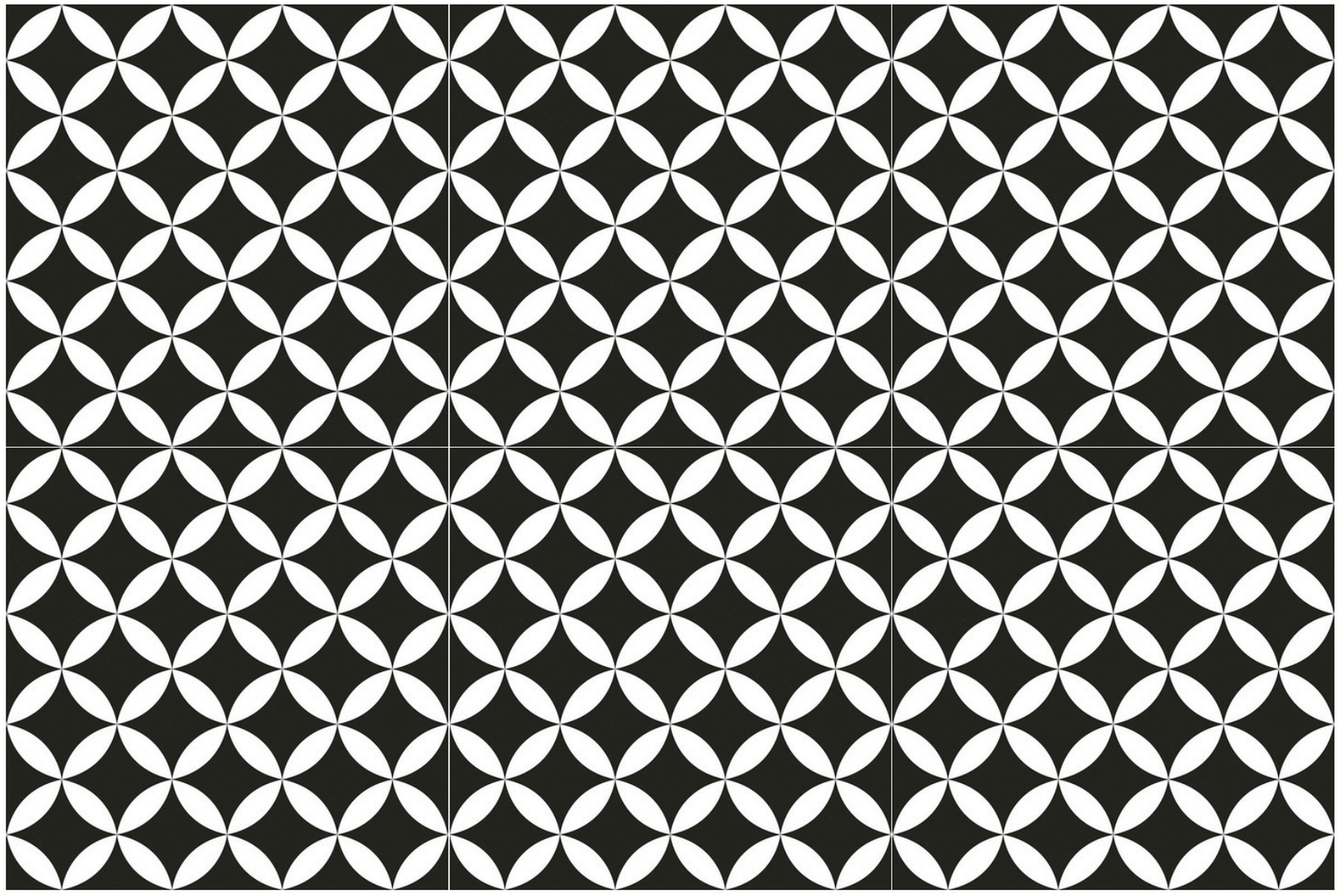
#12MM



Decora 25

# OUTLOOK

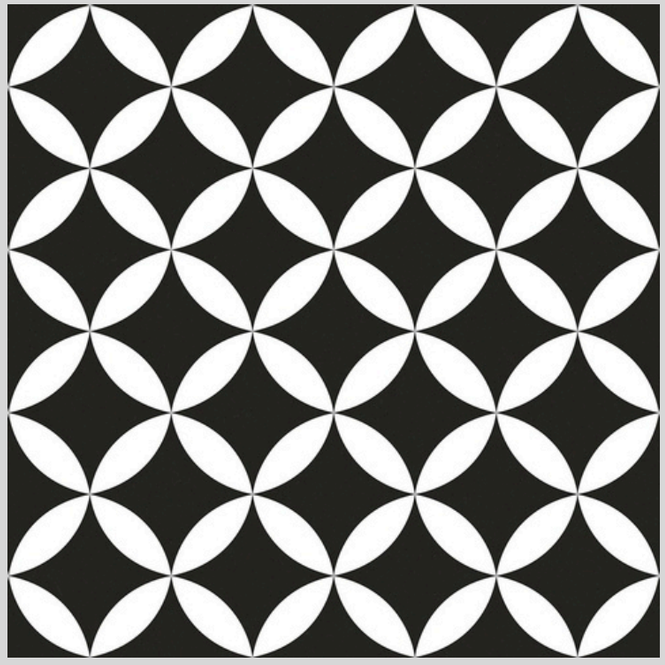
*Collection*



600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

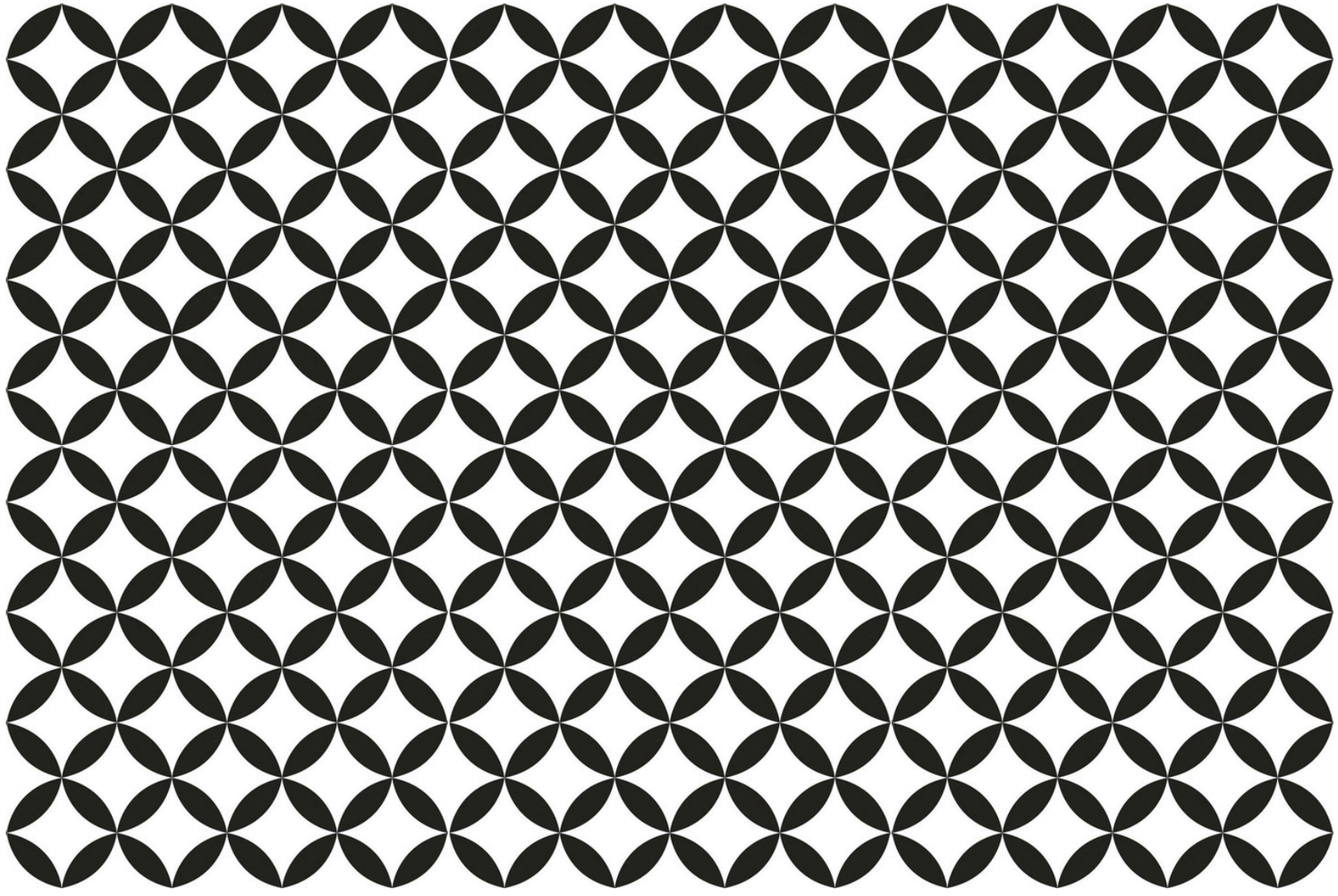
#12MM



Alpana Circle Black

# OUTLOOK

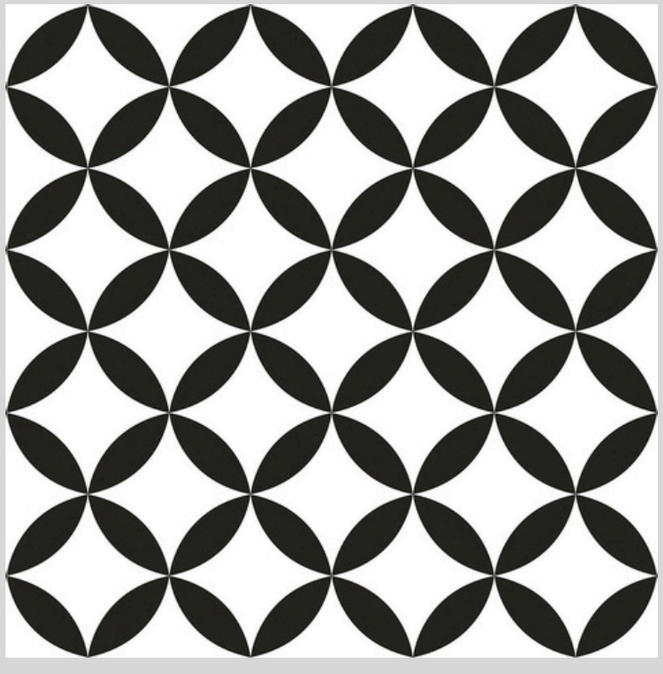
*Collection*



600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

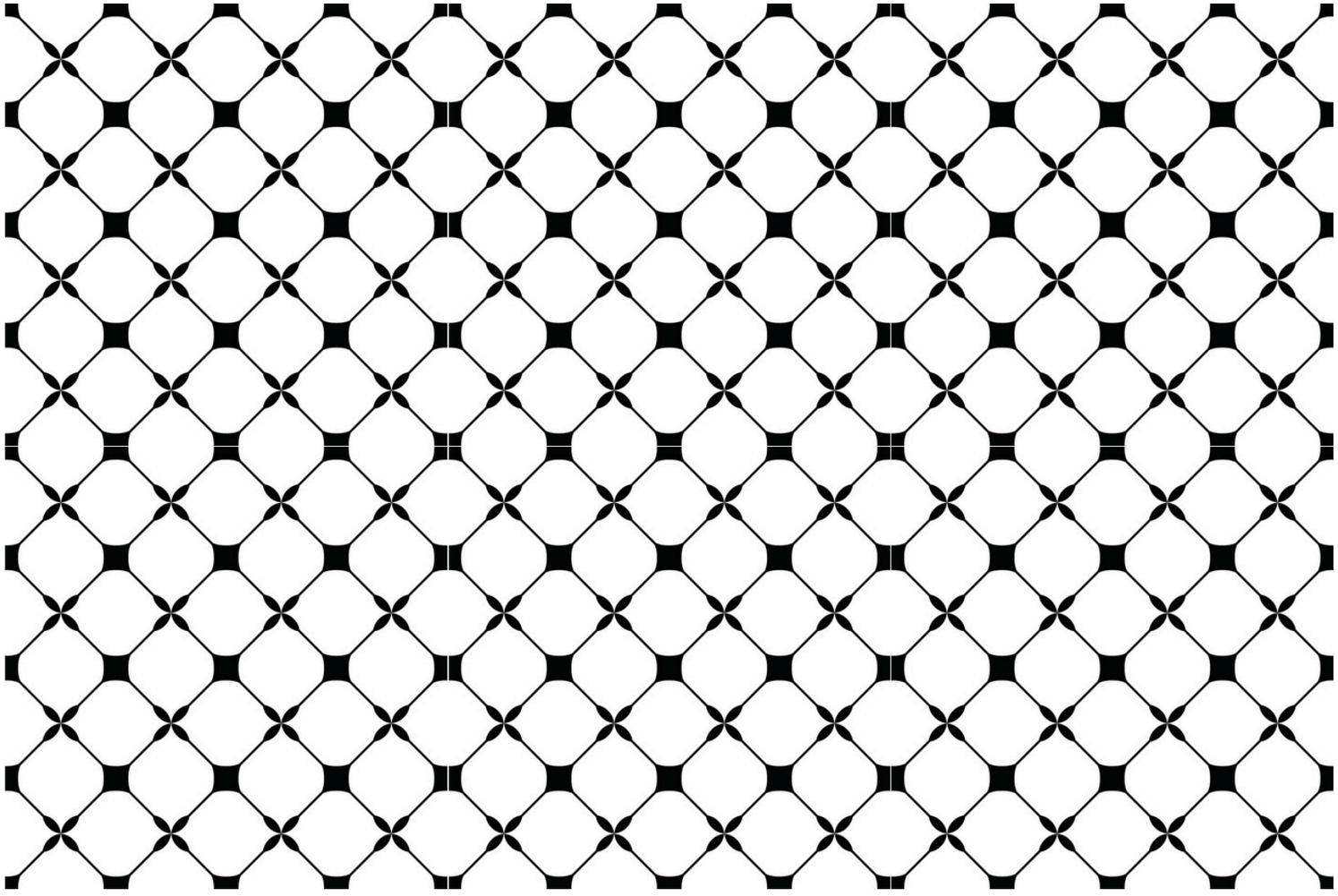
#12MM



Alpana Circle White

# OUTLOOK

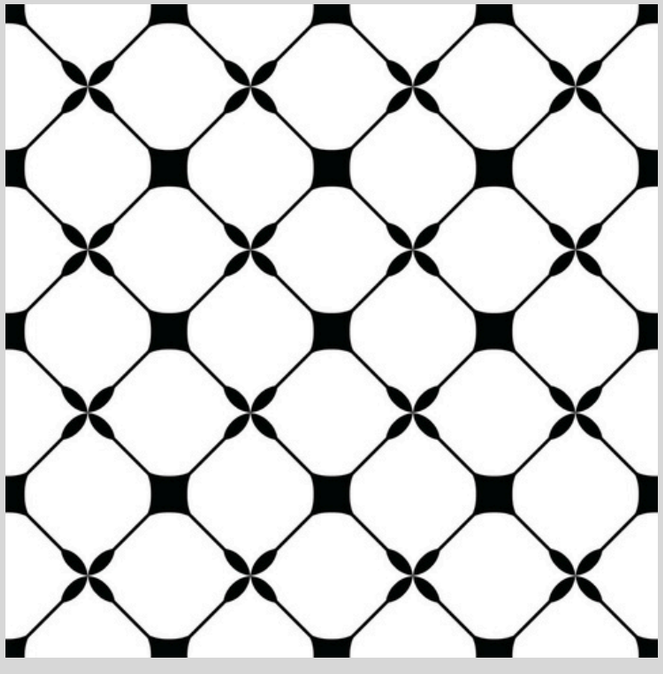
*Collection*



600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

#12MM



Portica White

# OUTLOOK

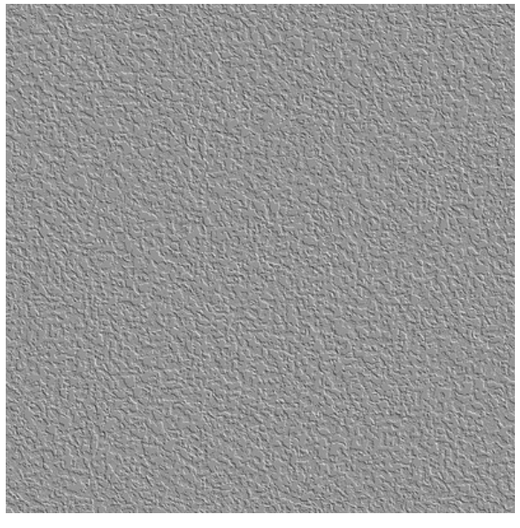
*Collection*

# DUNE

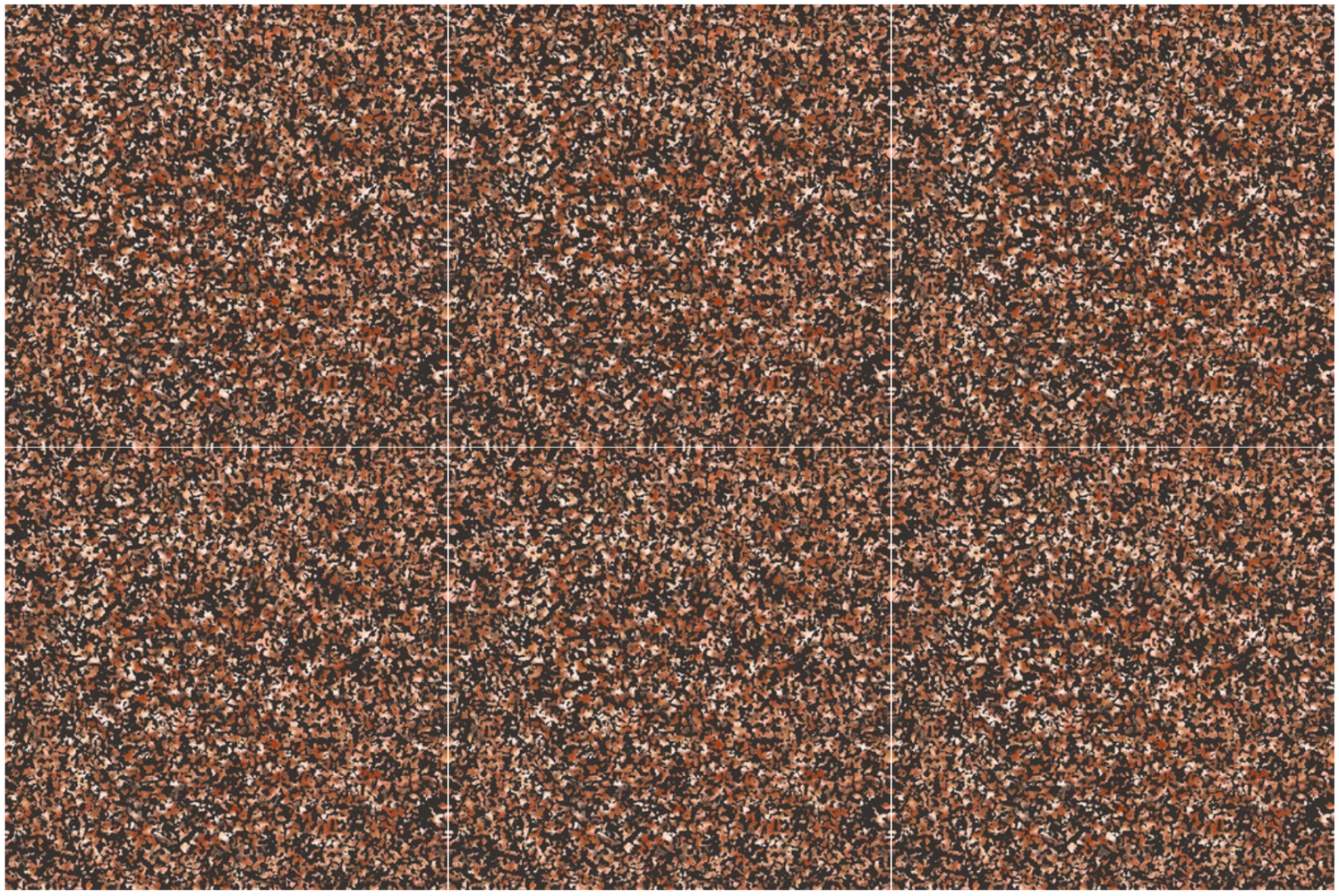
*Series*

12mm

thickness







# OUTLOOK

*Collection*

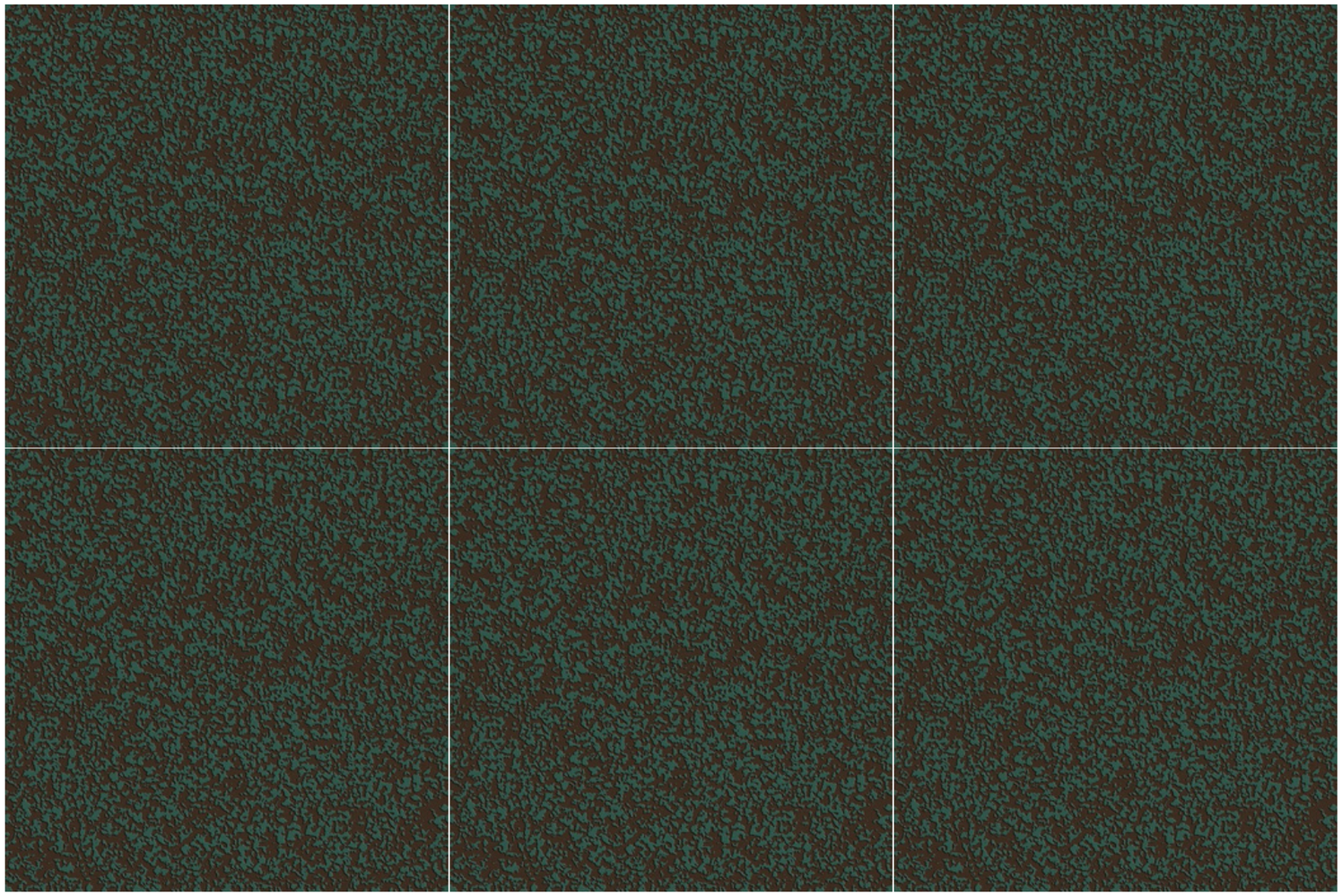
600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

#12MM



Dune Apricote



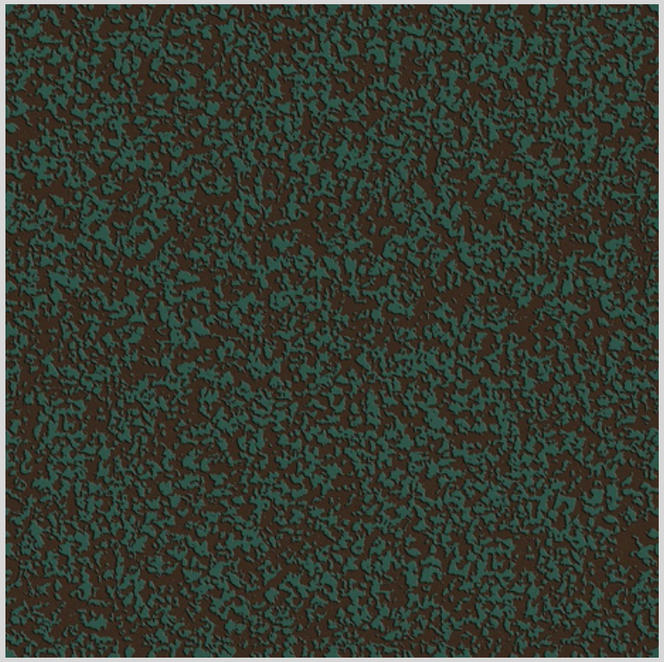
600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

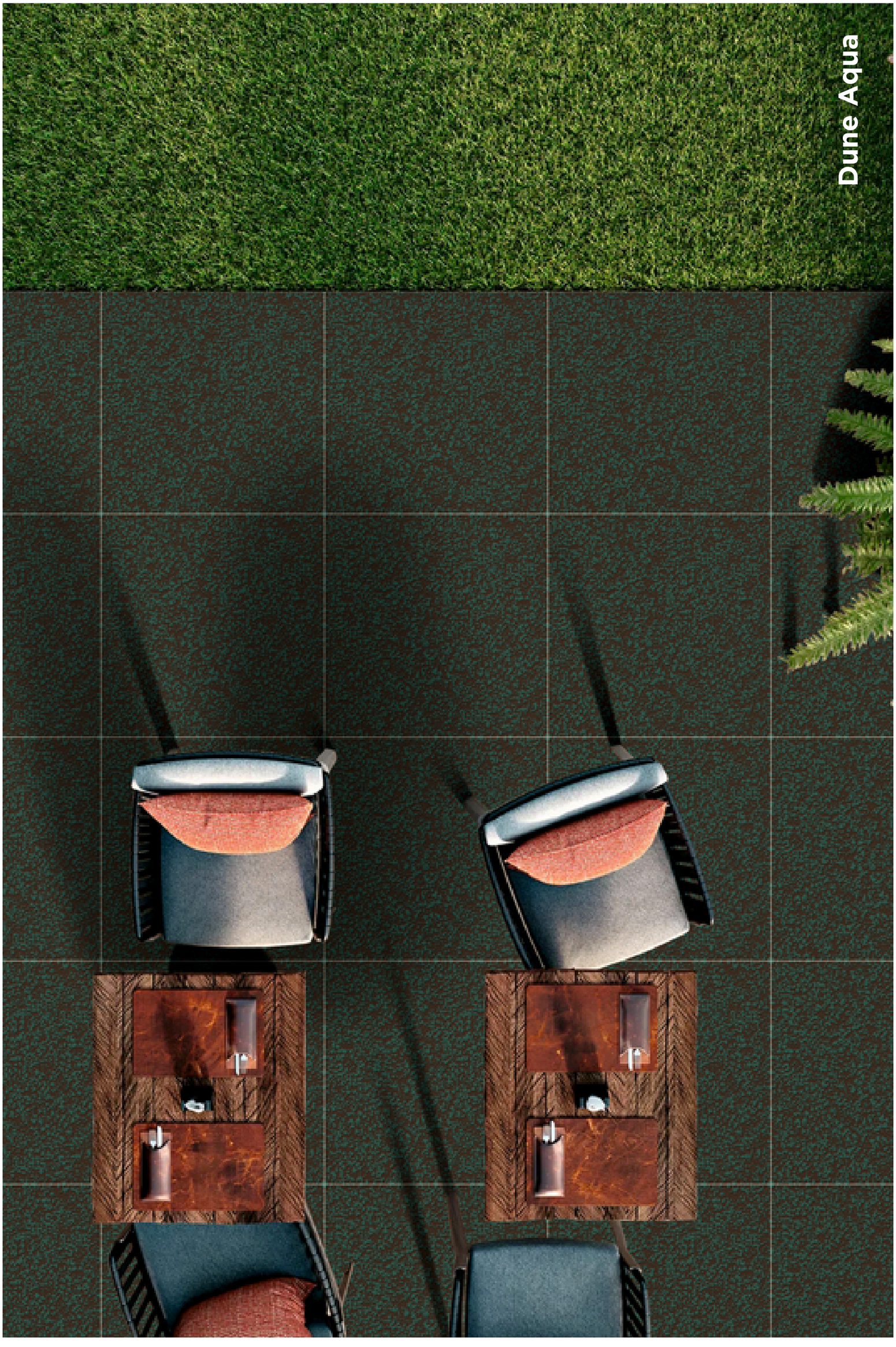
# OUTLOOK

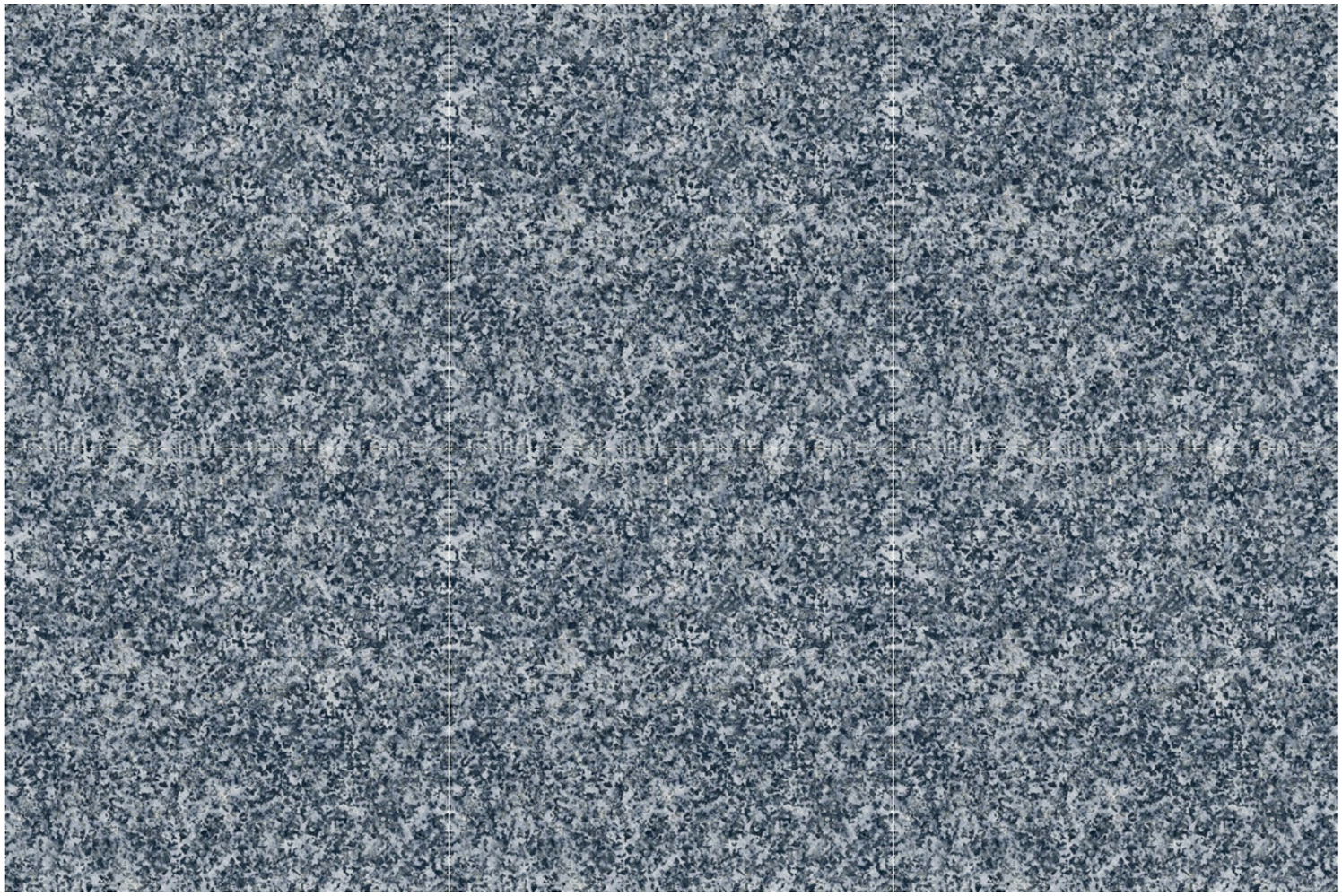
*Collection*

#12MM



Dune Aqua

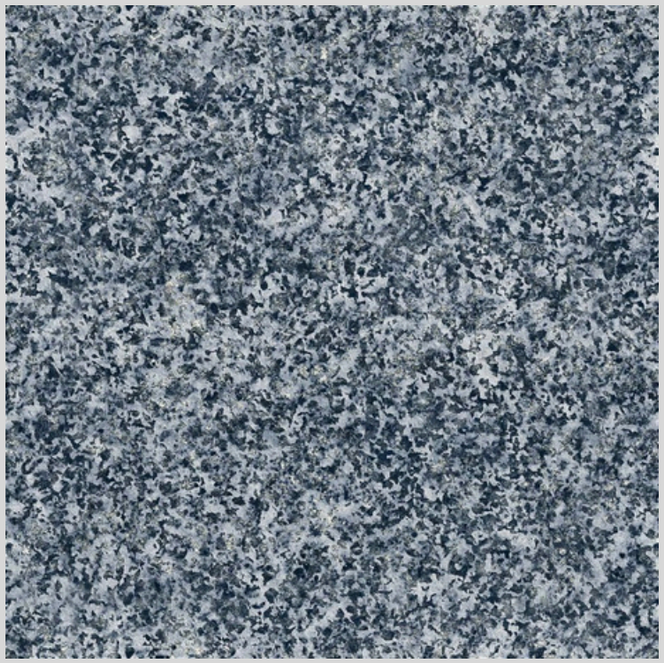

Dune Aqua



# OUTLOOK

*Collection*

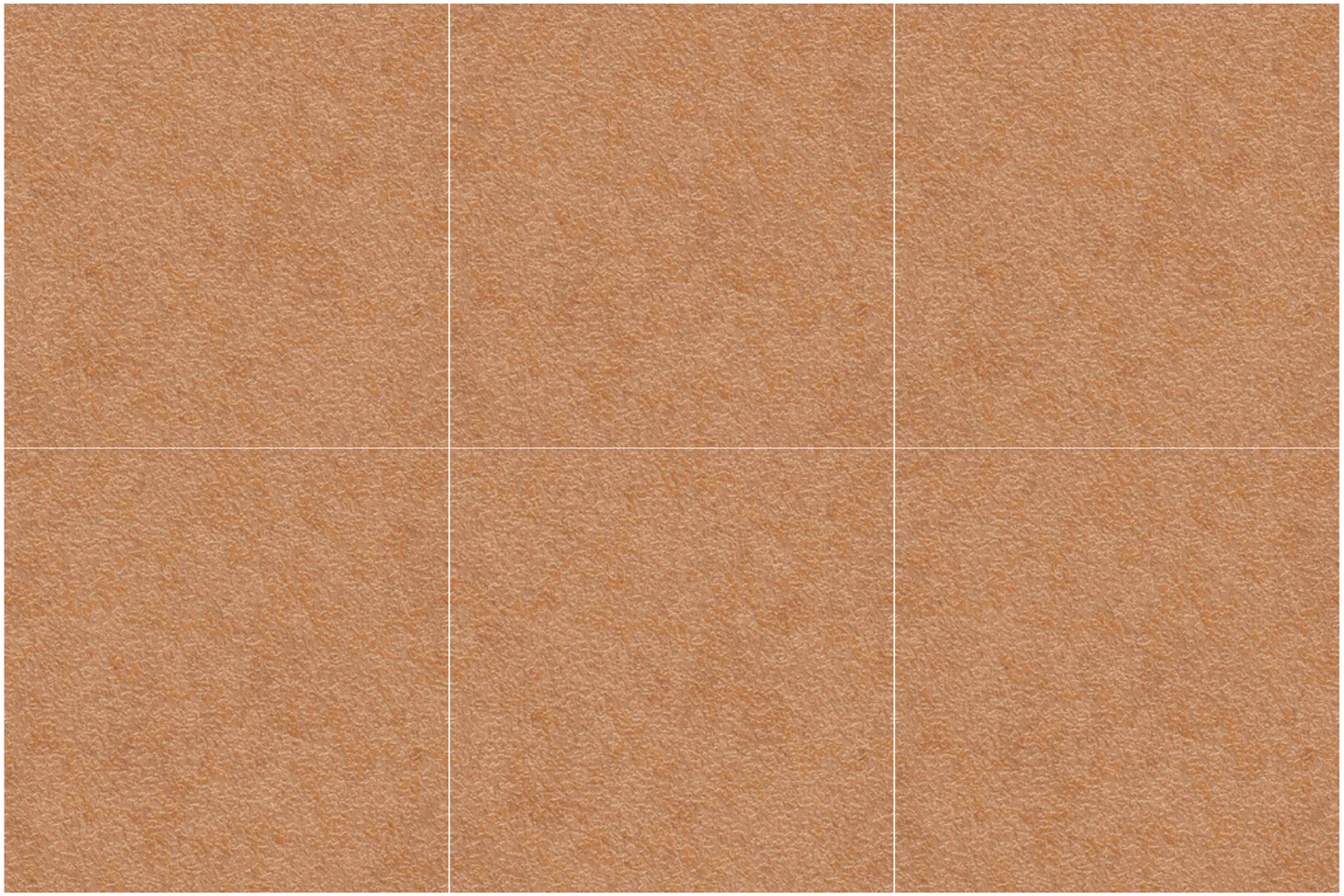
**#12MM**



Dune Blue

600 x 600mm | Finish Matt | 01 Random

FLOOR GRES



# OUTLOOK

*Collection*

600 x 600mm | Finish Matt | 02 Random

FLOOR GRES

#12MM



Dune Carrot

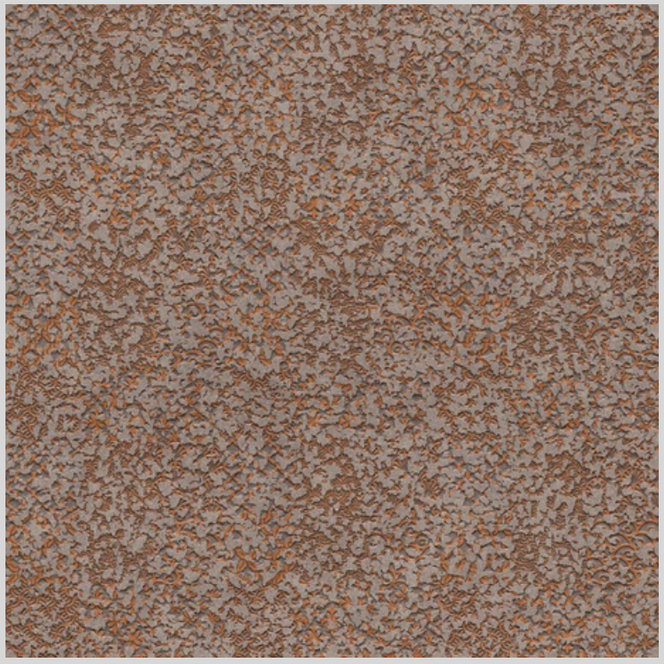


# OUTLOOK

*Collection*

600 x 600mm | Finish Matt | 02 Random

#12MM



Dune Cider

FLOOR GRES



600 x
600mm

Finish
Matt

01
Random

FLOOR GRES

# OUTLOOK

*Collection*

#12MM



Dune Choco


Dune Choco



600 x 600mm | Finish Matt | 01 Random

FLOOR GRES

# OUTLOOK

*Collection*

#12MM



Dune Inter Grey



600 x 600mm | Finish Matt | 02 Random

FLOOR GRES

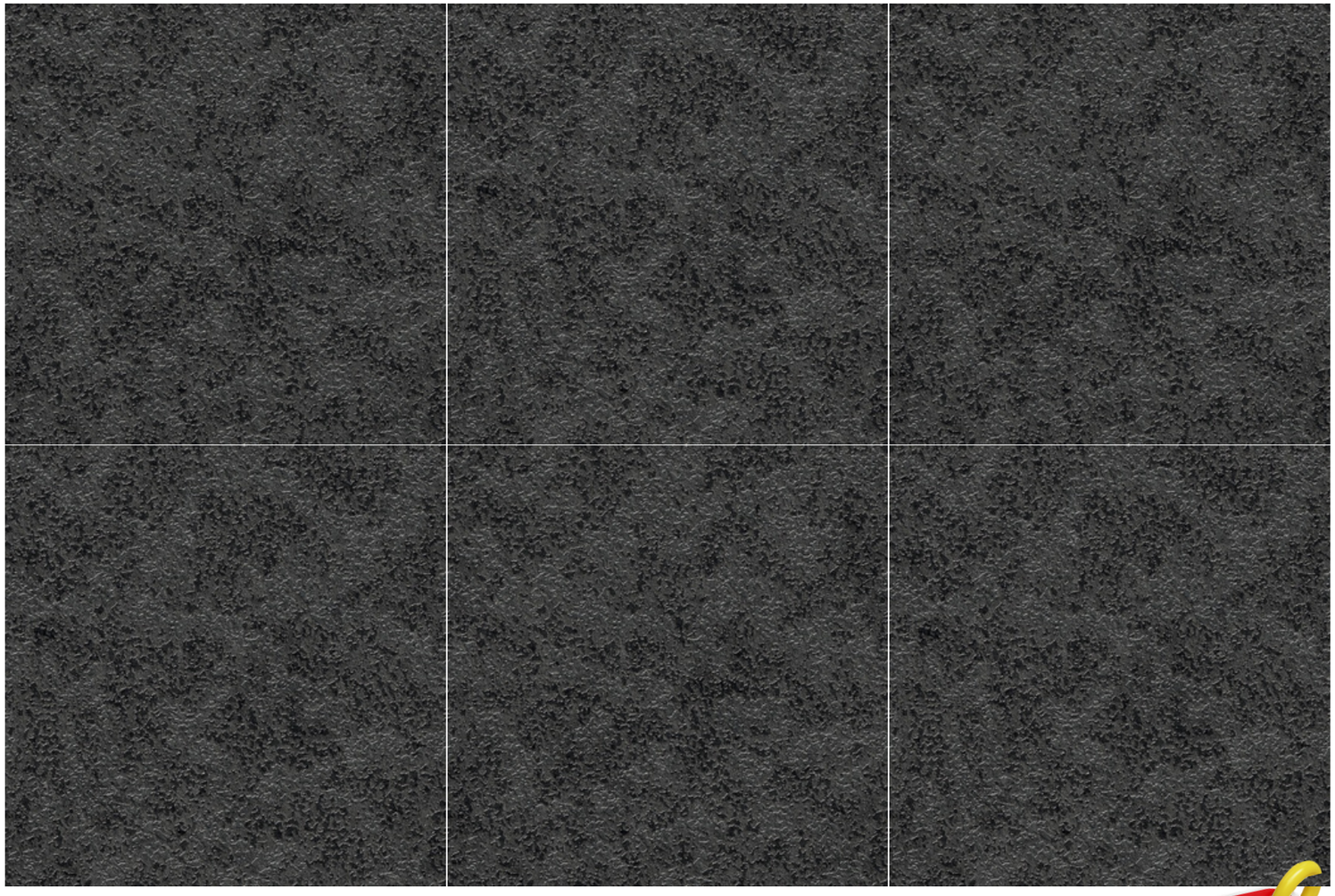
# OUTLOOK

*Collection*

#12MM



Dune Rose Petal



600 x 600mm | Finish Matt | 02 Random




FLOOR GRES

# OUTLOOK

*Collection*

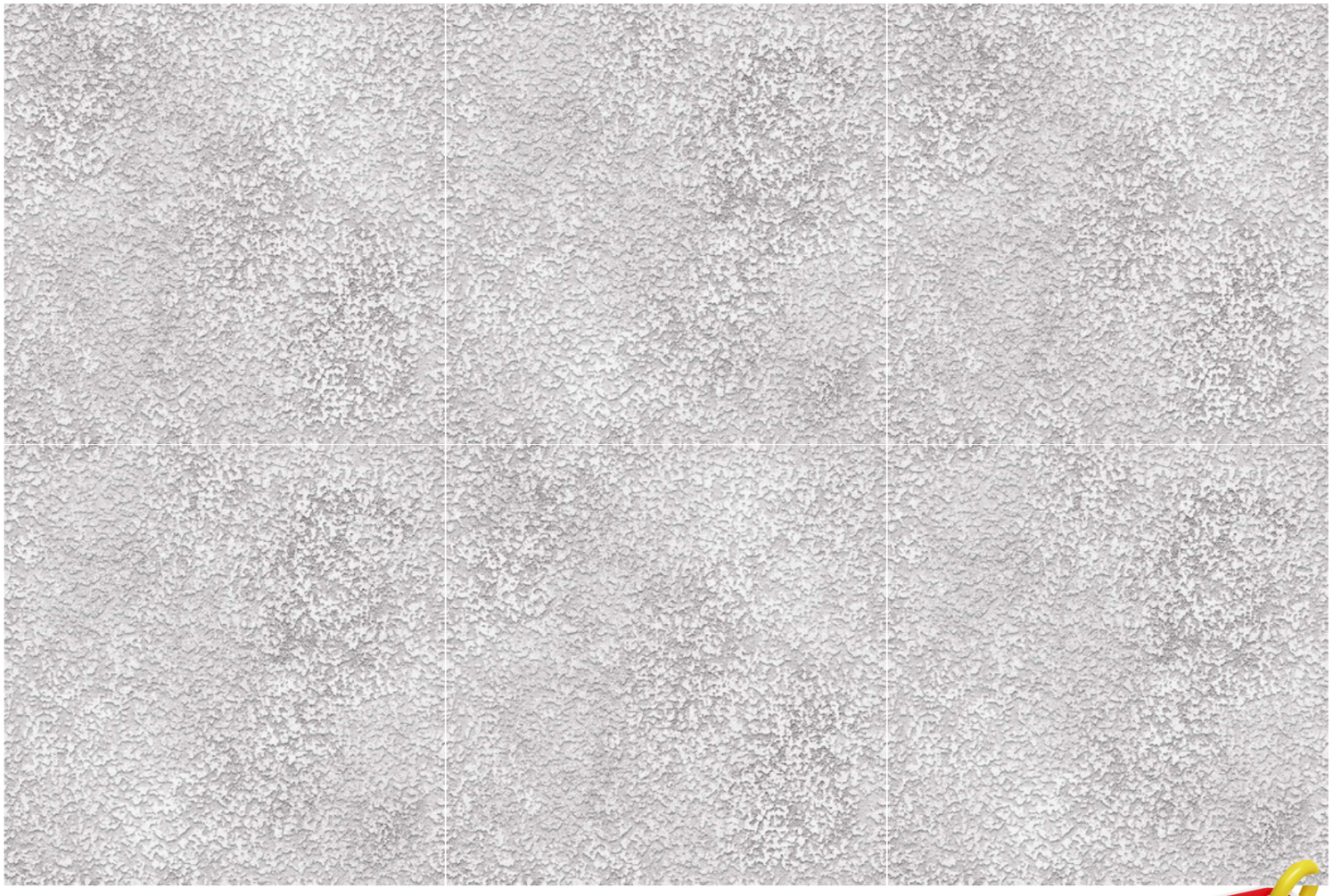
#12MM



Dune Shadow

# OUTLOOK

*Collection*

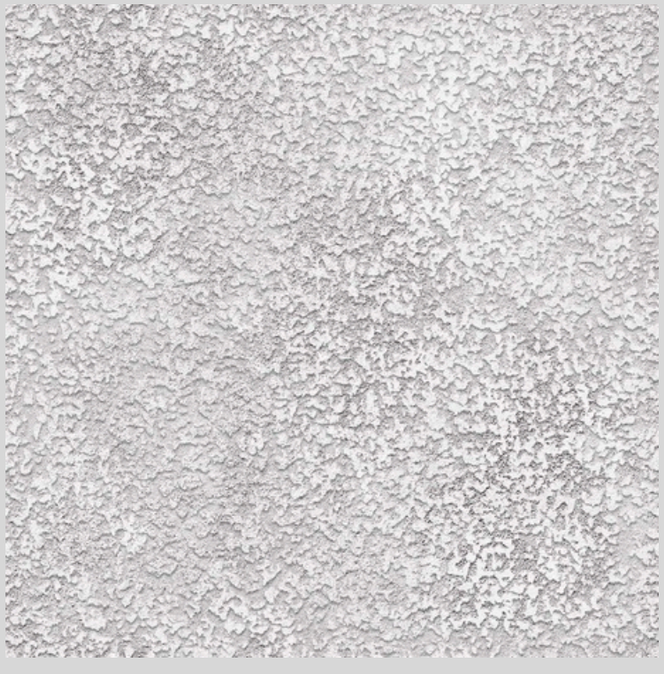


600 x 600mm | Finish Matt | 02 Random




FLOOR GRES

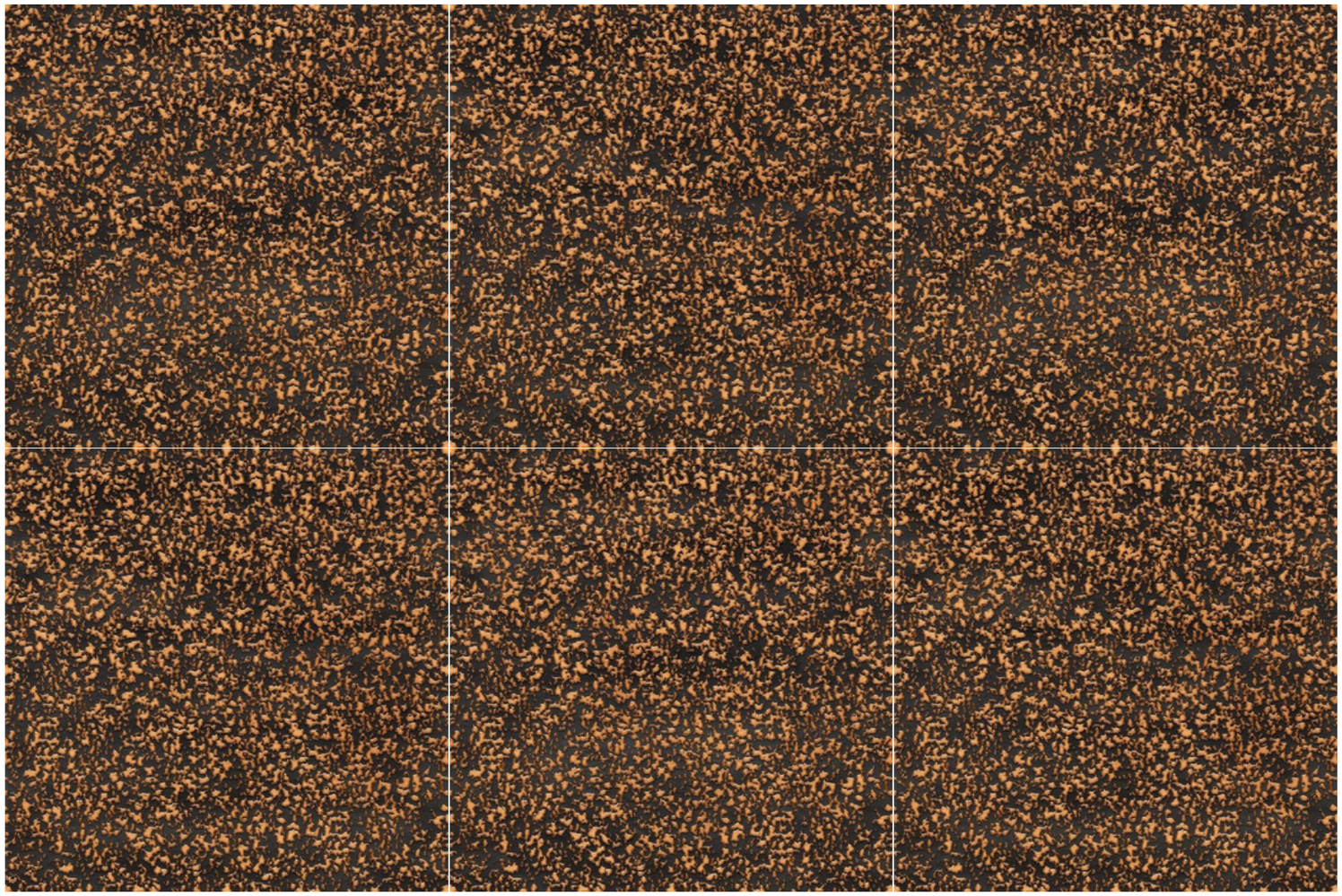
#12MM



Dune Silver

# OUTLOOK

*Collection*



600 x 600mm | Finish Matt | 02 Random

FLOOR GRES

#12MM



Dune Spice


Dune Spice



600 x
600mm

Finish
Matt

01
Random

FLOOR
GRES

# OUTLOOK

*Collection*

#12MM



Dune Willo

# 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



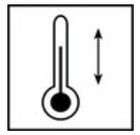
- INGELIVO
- FROST RESISTANT
- INGÉLIF
- FROSTBESTÄNDIG
- RESISTENTE A LA HELADA
- МОРОЗОСТОЙКАЯ



- 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