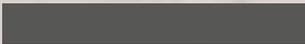




20MM 
OUTDOOR PORCELAIN

600X600MM / 600X900MM

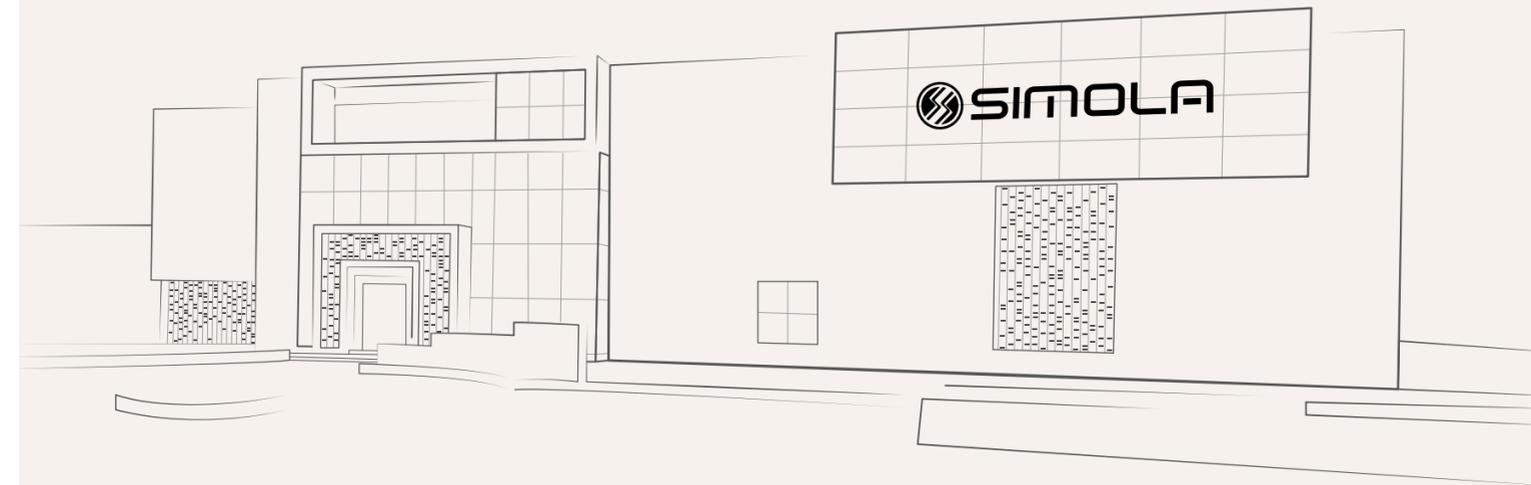


www.simola.in

/

www.riostone.in

INFRASTRUCTURE



Simola is a reputed manufacturer of technically-advanced vitrified tiles, providing an expansive range of vitrified tile décor options for home and commercial interiors. A private limited company based in the western-Indian ceramic hub of Morbi (Gujarat), Simola's modern manufacturing unit is technically supported by SACMI, a recognized worldwide leader in manufacturing machines and complete plants for the Ceramics industry.

Simola continuously endeavours to maintain exacting international standards of procurement, production and quality testing. The modern testing facilities are equipped to qualify every tile by its length, straightness, thickness, shape and surface. Every tile is also tested for its hardness, water absorption, flexural strength and abrasion resistance. Other technical specifications checked to include skid resistance, breaking strength, density, frost resistance, chemical resistance, thermal shock resistance, colour resistance, thermal expansion, stain resistance, moisture expansion and glossiness.



COMES *from* NATURAL RESOURCES



For those who believe in nature and value craftsmanship. When you step outdoors to start your day and walk back home, once again, experience the rejuvenation of Mother Nature beckoning you.

Rio Stone 20mm outdoor porcelain is the result of the perfect combination of design and technology-enabled performance. This makes us an ideal partner for an architectural project anywhere in the world that requires unparalleled designs and performance.

The inspiration to develop with exceptional creativity is drawn from mother nature itself. Our designs and aesthetics are inspired by trending designs from Italy and sourced from well-experienced professional studios.



THE IDEAL SOLUTION *for* OUTDOOR LIVING



EN

With Rio stone Outdoor porcelain - 20mm thickness, you'll find endless possibilities in porcelain. Its potential applications give you a wider dimension. By relishing the benefits of a quality product, Rio-stone offers a 20mm thick porcelain tile with 60X60 & 60X90 formats. It is the perfect solution for commercial and residential outdoor areas, including patios, hotels, restaurants, and public spaces, thanks to its thickness, ensuring outstanding resistance to wear and strain.

Without compromising designs or styles, this brand-new collection blends well with aesthetics, giving a natural glow to the stone. Hence, a new variety of porcelain products brings a good flavor of excellence, creating classic interior and exterior areas.

SP

Con el porcelánico Rio stone Outdoor - 20mm de espesor, encontrarás un sinfín de posibilidades en porcelánico. Sus aplicaciones potenciales le dan una dimensión más amplia. Disfrutando de los beneficios de un producto de calidad, Rio-stone ofrece un gres porcelánico de 20 mm de espesor en los formatos 60X60 y 60X90. Es la solución perfecta para áreas exteriores comerciales y residenciales, incluidos patios, hoteles, restaurantes y espacios públicos, gracias a su espesor, que garantiza una excelente resistencia al desgaste y la tensión.

Sin comprometer los diseños o estilos, esta nueva colección combina bien con la estética, dando un brillo natural a la piedra. Por lo tanto, una nueva variedad de productos de porcelanato trae un buen sabor de excelencia, creando áreas interiores y exteriores clásicas.

FR

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VARIETY *of* FORMATS

EN

To enable freedom of expression and engineering safety, Riostone brings its 20mm collection, giving two different mixed sizes of patio packs. Check out our latest collection of contemporary exteriors, setting benchmarks of creativity.

SP

Para permitir la libertad de expresión y la seguridad de la ingeniería, Riostone trae su colección de 20 mm, que ofrece dos tamaños diferentes de paquetes de patio. Echa un vistazo a nuestra última colección de exteriores contemporáneos, que establece puntos de referencia de creatividad.

FR

Pour permettre la liberté d'expression et la sécurité technique, Riostone apporte sa collection de 20 mm, offrant deux tailles différentes de packs de patio. Découvrez notre dernière collection d'extérieurs contemporains, établissant des références en matière de créativité.

RioStone
OUTDOOR SURFACES

600 x
600mm

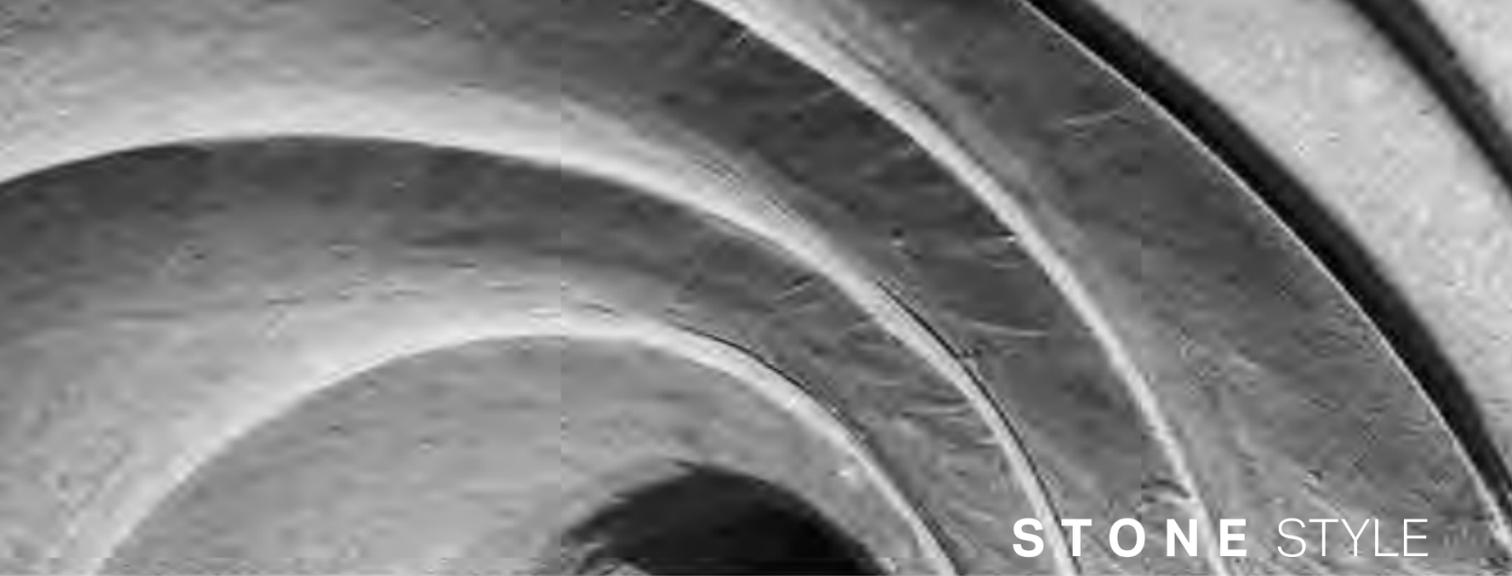
600 x
900mm

R11



20MM
OUTDOOR PORCELAIN

FULL
COLOR BODY



STONE STYLE

STYLE PIERRE | STIL STEIN | ESTILO PIEDRA



CEMENT
STYLE

FAÇON CIMENT
ZEMENT-STIL
ESTILO CEMENTO



NATURAL



INDIAN
STONE
STYLE

STYLE PIERRE INDIENNE
INDISCHER STEINSTIL
ESTILO DE PIEDRA INDIA

COLORS & TEXTURE

EN

Stone & cement are the source of inspiration showcased in Riostone's exclusive 25 collections. Our materials are designed to offer different outdoor settings, giving private and public; a rejuvenating feel.

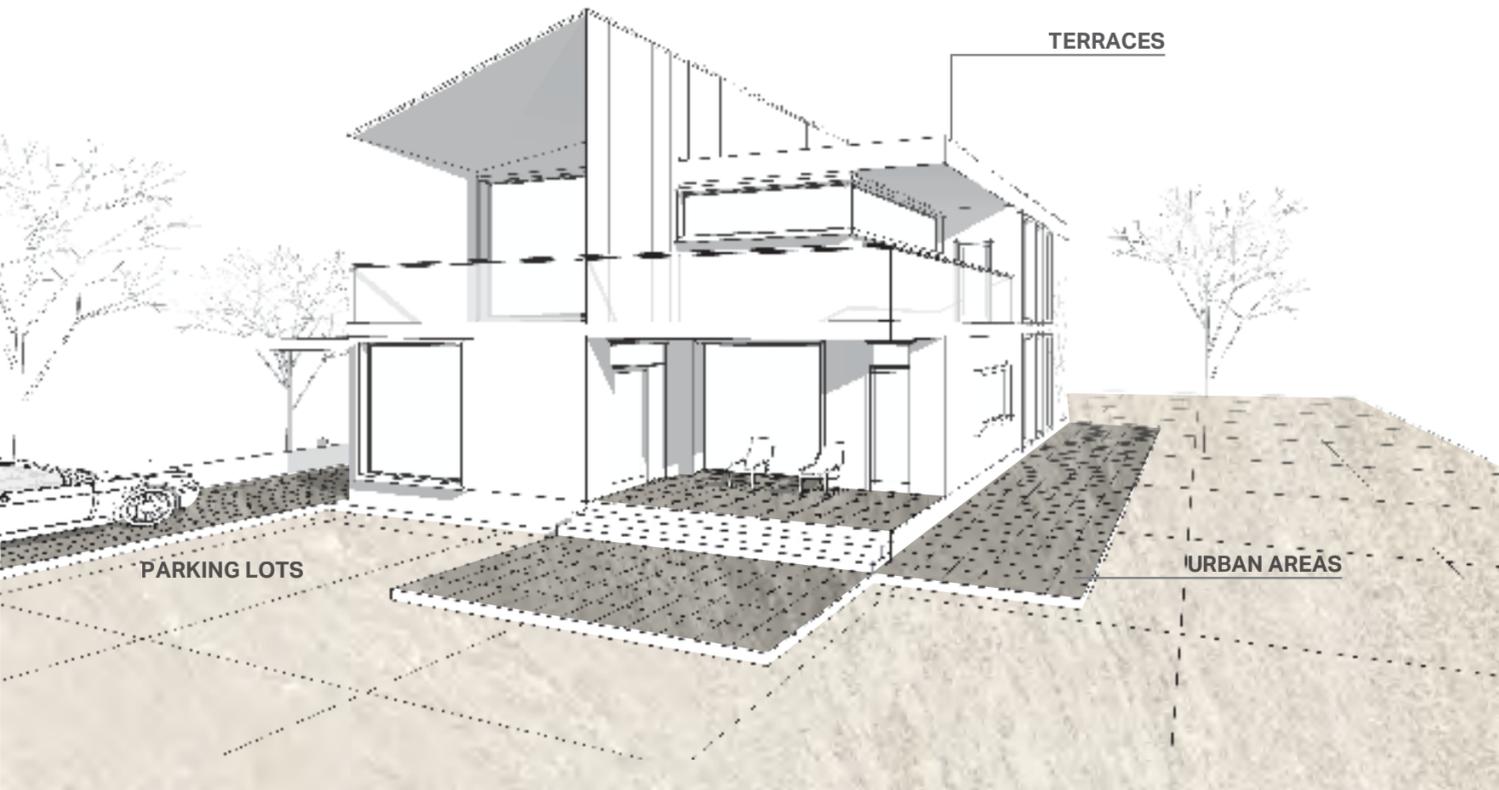
SP

Piedra y cemento son la fuente de inspiración que se presenta en la extensa gama Riostone, que incluye más de 25 colecciones, nuestro material está diseñado para brindar todo tipo de entornos al aire libre, tanto públicos como privados, una sensación original y exclusiva.

FR

La pierre et le ciment sont la source d'inspiration de la vaste gamme Riostone, comprenant plus de 25 collections, nos matériaux sont conçus pour prêter toutes sortes de décors extérieurs, publics et privés, une sensation originale et exclusive

APPLICATION *and* SOLUTIONS



RIOSTONE OUTDOOR PORCELAIN TILES USED IN VARIABLE OUR SURROUNDING AREAS.

 GARDENS AND PUBLIC AREA JARDINES Y ÁREA PÚBLICA JARDINS ET ESPACE PUBLIC	 INDUSTRIAL AREAS AREAS INDUSTRIALES ZONES INDUSTRIELLES	 SEASIDE RESORTS HOTELES COSTEROS STATIONS BALNÉAIRES	 URBAN AREAS AREAS URBANAS ZONES URBAINES
 SIDEWALK AND PEDESTRIAN AREA ACERA Y ZONA PEATONAL TROTTOIR ET ZONE PIÉTONNE	 PARKING LOTS ESTACIONAMIENTOS PLACES DE PARKING	 TERRACES GRADAS TERRASSES	 POOL SURROUNDING AREA ÁREAS CIRCUNDANTES DE LA PISCINA ENVIRONS DE LA PISCINE

SYSTEM & SURFACES FEATURES

- | | |
|---|---|
| 
EASY TO INSTALL & REMOVABLE
FÁCIL DE INSTALAR Y EXTRAÍBLE
FACILE À INSTALLER ET AMOVIBLE | 
EASY TO INSTALL
FÁCIL DE INSTALAR
FACILE À INSTALLER |
| 
HIGH MECHANICAL RESISTANCE
ALTA RESISTENCIA MECÁNICA
HAUTE RÉSTISTANCE MÉCANIQUE | 
EASY TO CLEAN
FÁCIL DE LIMPIAR
FACILE À NETTOYER |
| 
WEAR AND ABRASION RESISTANCE
RESISTENCIA AL DESGASTE Y A LA ABRASIÓN
RÉSTISTANCE À L'USURE ET À L'ABRASION | 
FROST RESISTANCE
RESISTENCIA A LAS HELADAS
RÉSTISTANCE AU GEL |
| 
RESISTANCE TO CHEMICALS
RESISTENCIA A LOS PRODUCTOS QUÍMICOS
RÉSTISTANCE AUX PRODUITS CHIMIQUES | 
ANTI SLIP SURFACE
SUPERFICIE ANTIDESLIZANTE
SURFACE ANTIDÉRAPANTE |
| 
COLOR RESISTANCE TO SUNLIGHT EXPOSURE
RESISTENCIA DE COLOR A LA EXPOSICIÓN A LA LUZ SOLAR
RÉSTISTANCE DES COULEURS À L'EXPOSITION AU SOLEIL | 
STAIN RESISTANT
RESISTENTE A LAS MANCHAS
RÉSTISTANT AUX TACHES |
| 
EXTREMELY HIGH RESISTANCE TO BREAKING LOAD
RESISTENCIA EXTREMADAMENTE ALTA A LA CARGA DE ROTURA
RÉSTISTANCE EXTRÊMEMENT ÉLEVÉE À LA CHARGE DE RUPTURE | |



1

1. SAND LAYING SYSTEM

SISTEMA DE COLOCACIÓN DE ARENA
SYSTÈME DE POSE DE SABLE

2

2. GRAVEL LAYING SYSTEM

SISTEMA DE COLOCACIÓN DE GRAVA
SYSTÈME DE POSE DE GRAVIER

3

3. GRASS LAYING SYSTEM

SISTEMA DE COLOCACIÓN DE HIERBA
SYSTÈME DE POSE D'HERBE

4

4. RAISED LAYING SYASTEM

SISTEMA DE COLOCACIÓN ELEVADA
SYSTÈME DE POSE SURÉLEVÉ

5

5. TRADITIONAL LAYING SYSTEM

SISTEMA TRADICIONAL DE COLOCACIÓN
SYSTÈME DE POSE TRADITIONNEL

GRASS LAYING SYSTEM



R11



20MM
OUTDOOR PORCELAIN

RioStone
OUTDOOR SURFACES

SISTEMA DE COLOCACIÓN DE HIERBA SYSTÈME DE POSE DE L'HERBE

The stratigraphy considered is solely indicative of the various types of application: we recommend referring to local regulations in order to achieve a correct installation.

La estratigrafía considerada es únicamente indicativa de los distintos tipos de aplicación: recomendamos consultar las normativas locales para lograr una correcta instalación.

La stratigraphie considérée est uniquement indicative des différents types d'application : nous recommandons de se référer aux réglementations locales afin de réaliser une installation correcte.

RECOMMENDED APPLICATIONS APLICACIONES RECOMENDADAS APPLICATIONS RECOMMANDÉES

- Private Gardens
- Patios
- Walk ways
- Outdoor paving for business and restaurant
- Street furnishing
- Public parks

- Jardín privado
- patios
- Pasarelas
- Pavimentos exteriores para negocio y restaurante
- Mobiliario urbano
- Parques públicos

- Jardin Privé
- Patios
- Passerelles
- Dallage extérieur pour les entreprises et les restaurant
- Mobilier urbain
- Parcs publics

LA INSTALACIÓN SOBRE CÉSPED SE PUEDE REALIZAR DE DOS MANERAS

(A) DIRECTO

- Coloque la baldosa sobre el césped dejando juntas de 4-5 cm de ancho para permitir que crezca el césped.
- El resultado será duradero pero la estabilidad estará sujeta al movimiento del suelo.

(B) EN LA BASE DE GRAVA

- Retire la hierba en el área debajo de 20 mm
- EXCAVAR 5 cm de profundidad en climas cálidos y secos, o más profundo en climas fríos o húmedos
- Compactar el suelo
- Rellene el área excavada con grava (tamaño 4-8 mm) o compactela con arena.
- Coloque 20mm de Riostone Seco

INSTALLATION ON GRASS CAN BE ACCOMPLISHED IN TWO WAYS

(A) DIRECT

- Place the tile on grass leaving 4-5cm wide joints to allow the grass to grow.
- Result will be long lasting but stability will be subject to soil movement.

(B) ON GRAVEL BASE

- Remove the Grass in the area underneath 20mm
- DIG 5CM deep in warm and dry climate, or deeper in cold or wet climate
- Compact the Soil
- Fill the excavated area with gravel (size 4-8mm) or sand compact it
- Lay 20mm Riostone Dry

L'INSTALLATION SUR L'HERBE PEUT ÊTRE RÉALISÉE DE DEUX FAÇONS

(A) DIRECTE

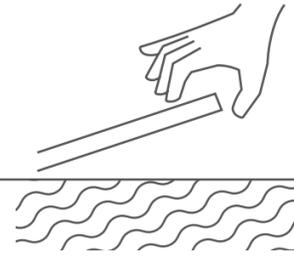
- Placez le carreau sur l'herbe en laissant des joints de 4 à 5 cm de large pour permettre à l'herbe de pousser.
- Le résultat sera durable mais la stabilité sera sujette au mouvement du sol.

(B) SUR UNE BASE DE GRAVIER

- Retirez l'herbe dans la zone sous 20 mm
- Creusez 5 cm de profondeur dans un climat chaud et sec, ou plus profondément dans un climat froid ou humide.
- Compactez le sol
- Remplissez la zone excavée avec du gravier (taille 4-8 mm) ou du sable compactez-la
- Poser 20 mm de Riostone à sec



SAND LAYING SYSTEM



R11



20MM
OUTDOOR PORCELAIN

RioStone
OUTDOOR SURFACES

SISTEMA DE COLOCACIÓN DE ARENA SYSTÈME DE POSE DE SABLE

The stratigraphy considered is solely indicative of the various types of application: we recommend referring to local regulations in order to achieve a correct installation.

La estratigrafía considerada es únicamente indicativa de los distintos tipos de aplicación: recomendamos consultar las normativas locales para lograr una correcta instalación.

La stratigraphie considérée est uniquement indicative des différents types d'application : nous recommandons de se référer aux réglementations locales afin de réaliser une installation correcte.

RECOMMENDED APPLICATIONS APLICACIONES RECOMENDADAS APPLICATIONS RECOMMANDÉES

- Gardens
- Pedestrian access paths and walkways in beach Gardens.
- jardines
- Caminos de acceso peatonal y pasarelas en jardines de playa.
- Jardins
- Chemins d'accès piétons et passerelles dans les jardins de la plage.

LA INSTALACIÓN EN ARENA SE PUEDE REALIZAR DE DOS FORMAS

(A) DIRECTAMENTE

- Nivelar y compactar la arena.
- Lado en seco Rio Stone 20MM

(B) EN EL SUSTRATO. PARA MEJORAR LA ESTABILIDAD EN EL TIEMPO

- Excavar 20 cm en el suelo arenoso.
- Posición y compacta piedra triturada o grava laver (Granulometría 4-8 mm)
- Añadir una capa de arena de 2 cm Dry lav Rio Stone 20MM.

INSTALLATION ON SAND CAN BE DONE IN TWO WAYS

(A) DIRECTLY

- Level and compact the sand
- Dry lay Rio Stone 20MM

(B) ON SUBSTRATE, TO IMPROVE STABILITY OVERTIME

- Dig 20 cm into the sandy ground.
- Position and compacta crushed stone or gravel laver (Granulometry 4-8 mm)
- Add a 2 cm sand layer Dry lav Rio Stone 20MM.

L'INSTALLATION SUR LE SABLE PEUT SE FAIRE DE DEUX FAÇONS

(A) DIRECTEMENT

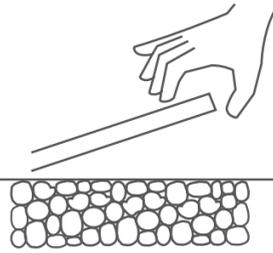
- Nivelar et compacter le sable
- Pose à sec Pierre de Rio 20MM

(B) SUR LE SUBSTRAT, POUR AMÉLIORER LA STABILITÉ DURÉE

- Creusez 20 cm dans le sol sablonneux.
- Position et compacta pierre concassée ou cuve de gravier (Granulométrie 4-8 mm)
- Ajouter une couche de sable de 2 cm Dry lav Rio Stone 20MM.



GRAVEL LAYING SYSTEM



SISTEMA DE COLOCACIÓN DE ARENA SYSTÈME DE POSE DE SABLE

The stratigraphy considered is solely indicative of the various types of application: we recommend referring to local regulations in order to achieve a correct installation.

La estratigrafía considerada es únicamente indicativa de los distintos tipos de aplicación: recomendamos consultar las normativas locales para lograr una correcta instalación.

La stratigraphie considérée est uniquement indicative des différents types d'application : nous recommandons de se référer aux réglementations locales afin de réaliser une installation correcte.

RECOMMENDED APPLICATIONS APLICACIONES RECOMENDADAS APPLICATIONS RECOMMANDÉES

- Private Gardens
- Terraces
- Balconies
- Patios
- Outdoor paving for Businesses and restaurants
- Pedestrian Walkways
- Street furnishing
- Public parks
- Jardines Privados
- Gradas
- Balcones
- patios
- Pavimentos exteriores para Negocios y restauración
- Pasarelas peatonales
- Mobiliario urbano
- Parques públicos

- Jardins privés
- Terrasses
- Balcons
- Patios
- Pavage extérieur pour les entreprises et les restaurants
- Passerelles piétonnes
- Mobilier urbain
- Parcs publics

HOW TO INSTALL

- Dig the soil at least 10 cm deep in warm and dry climate, or deeper in cold or wet climates.
- Compact the soil on the bottom and ensure it is leaning (2%) to avoid water stagnation.
- Optional - place a layer of geotextile.
- Place and compact a layer of crushed stone or gravel (size 4-8 mm).
- Place and compact a layer of fine gravel or sand (size 2-5 mm) to ease the leveling of the surface.
- Ensure the surfaces levelled using a straightedge. A slight slope (1%) is recommended to ensure a proper drainage of the floor.
- Lay 20MM RioStone dry leaving joints at least 2 mm wide. Tile spacers can be used to ease installation. Ensure the floor is levelled with a straightedge and use a rubber hammer to correct small differences in height.
- Fill the joints with very thin sand (size 0-3 mm) or polymeric sand.

CÓMO INSTALAR

- Excave el suelo al menos 10 cm de profundidad en clima cálido y seco, o más profundo en climas fríos o húmedos. Compacte el suelo en el fondo y asegúrese de que esté inclinado (2%) para evitar el estancamiento del agua. Opcional: coloque una capa de geotextil.
- Coloque y compacte una capa de piedra triturada o grava (tamaño 4-8 mm)
- Coloque y compacte una capa de grava fina o arena (tamaño 2-5 mm) para facilitar la nivelación de la superficie.
- Asegúrese de nivelar la superficie con una regla. Se recomienda una ligera pendiente (1%) para garantizar un drenaje adecuado del piso.
- Coloque 20 mm de RioStone en seco dejando juntas de al menos 2 mm de ancho. Los separadores de azulejos se pueden usar para facilitar la instalación. Asegúrese de que el piso esté nivelado con una regla y use un martillo de goma para corregir pequeñas diferencias de altura.
- Rellene las juntas con arena muy fina (tamaño 0-3 mm) o arena popolimérica.

CÓMO INSTALAR

- Creusez le sol à au moins 10 cm de profondeur dans un climat chaud et sec, ou plus profondément dans des climats froids ou humides.
- Compactez le sol sur le fond et assurez-vous qu'il penche (2%) pour éviter la stagnation de l'eau.
- Facultatif - placez une couche de géotextile.
- Placer et compacter une couche de pierre concassée ou de gravier (taille 4-8 mm).
- Placer et compacter une couche de gravier fin ou de sable (taille 2-5 mm) pour faciliter le nivellement de la surface.
- Assurez-vous que la surface est nivelée à l'aide d'une règle. Une légère pente (1%) est recommandée pour assurer un bon drainage du sol.

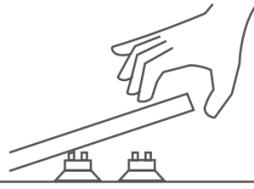
R11

20MM
OUTDOOR PORCELAIN

RioStone
OUTDOOR SURFACES



RAISED LAYING SYSTEM



R11



20MM
OUTDOOR PORCELAIN

RioStone
OUTDOOR SURFACES

SISTEMA DE COLOCACIÓN ELEVADA SYSTÈME DE POSE SURÉLEVÉ

The stratigraphy considered is solely indicative of the various types of application: we recommend referring to local regulations in order to achieve a correct installation.

La estratigrafía considerada es únicamente indicativa de los distintos tipos de aplicación: recomendamos consultar las normativas locales para lograr una correcta instalación.

La stratigraphie considérée est uniquement indicative des différents types d'application : nous recommandons de se référer aux réglementations locales afin de réaliser une installation correcte.

RECOMMENDED APPLICATIONS APLICACIONES RECOMENDADAS APPLICATIONS RECOMMANDÉES

- Balconies.
- Terraces.
- Gazebos.
- Patios.
- Public service facilities.

- Balcones.
- Gradas.
- Gazebos.
- Patios.
- Instalaciones de servicio público.

- Balcons.
- Terrasses.
- Gazebos.
- Patios.
- Installations de service public.

HOW TO INSTALL

- On terraces or accessible attics, it is possible to build a raised level flooring that still allows rainwater drainage.
- After the slab and its sloping screed are complete, install the water roofing membrane.
- Position the pedestals according to the chosen sizes, if necessary use the slope correctors.
- During the installation, adjust each pedestal to achieve a flat floor.

CÓMO INSTALAR

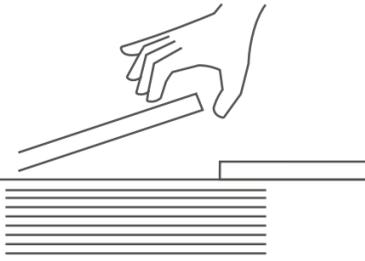
- En terrazas o áticos accesibles, es posible construir un piso sobreelevado que aún permita el drenaje del agua de lluvia.
- Una vez que la losa y su solera inclinada estén completas, instale la membrana impermeable para techos.
- Coloque los pedestales de acuerdo con los tamaños elegidos, si es necesario use los correctores de pendiente.
- Durante la instalación, ajuste cada pedestal para lograr un piso plano.

COMMENT INSTALLER

- Sur les terrasses ou les combles accessibles, il est possible de construire un plancher surélevé tout en permettant l'évacuation des eaux pluviales.
- Une fois la dalle et sa chape en pente terminées, installez la membrane de couverture d'eau.
- Positionner les plots selon les dimensions choisies, si besoin utiliser les correcteurs de pente.
- Lors de l'installation, ajustez chaque plot pour obtenir un sol plat.



TRADITIONAL LAYING SYSTEM



R11



20MM
OUTDOOR PORCELAIN

RioStone
OUTDOOR SURFACES

SISTEMA TRADICIONAL DE COLOCACIÓN SYSTÈME DE POSE TRADITIONNEL

The stratigraphy considered is solely indicative of the various types of application: we recommend referring to local regulations in order to achieve a correct installation.

La estratigrafía considerada es únicamente indicativa de los distintos tipos de aplicación: recomendamos consultar las normativas locales para lograr una correcta instalación.

La stratigraphie considérée est uniquement indicative des différents types d'application : nous recommandons de se référer aux réglementations locales afin de réaliser une installation correcte.

RECOMMENDED APPLICATIONS APLICACIONES RECOMENDADAS APPLICATIONS RECOMMANDÉES

- Courtyards.
- Access ramps.
- Garages, car parks.
- Short-stay sites for vehicles.
- Cycle paths.
- Walkways.
- Pavements.
- Arcades/porches.
- Terraces.

- Patios.
- Rampas de acceso.
- Garajes, aparcamientos.
- Parcelas de corta estancia para vehículos.
- Ciclovías.
- Pasarelas.
- Pavimentos.
- Arcadas/porches.
- Terrazas.

- Cours.
- Rampes d'accès.
- Garages, parkings.
- Emplacements de courte durée pour véhicules.
- Pistes cyclables.
- Passerelles.
- Chaussée.
- Arcades/porches.
- Terrasses.

HOW TO INSTALL ON SCREED

- Dig up and compact the ground
- Place a layer of crushed stone and gravel.
- Place the slab including optional steel mesh.
- Install 20MM using an exterior-rated elastic adhesive.
- Leave a joint of at least 2 mm and foresee the expansion joints.

COMO INSTALAR EN PANTALLA

- Desenterrar y compactar el suelo.
- Coloque una capa de piedra triturada y grava.
- Colocar la losa incluida la malla de acero opcional.
- Instale 20MM utilizando un adhesivo elástico para exteriores.
- Dejar una junta de al menos 2 mm y prever las juntas de dilatación.

COMMENT INSTALLER SUR CHAPE

- Creusez et compactez le sol
- Placez une couche de pierre concassée et de gravier.
- Placer la dalle, y compris le treillis métallique en option.
- Installez 20 mm à l'aide d'un adhésif élastique extérieur.
- Laissez un joint d'au moins 2 mm et prévoir les joints de dilatation.



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-cement

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STONE

Rio Stone is the perfect combination of brilliant design and highest technical performance. Now create the effect of natural stone in surfaces not imagined before and add to strength and durability to it.



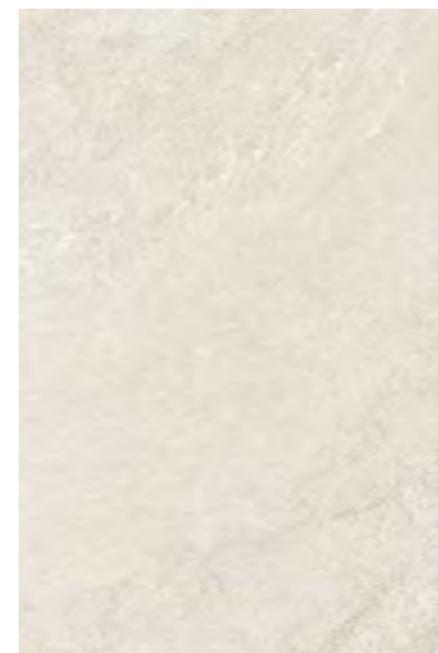


ICARUS GREY RANDOM



ICARUS

ICARUS BEIGE



600X900MM

ICARUS SILVER



600X900MM

ICARUS GREY



600X900MM



600X600MM



600X600MM

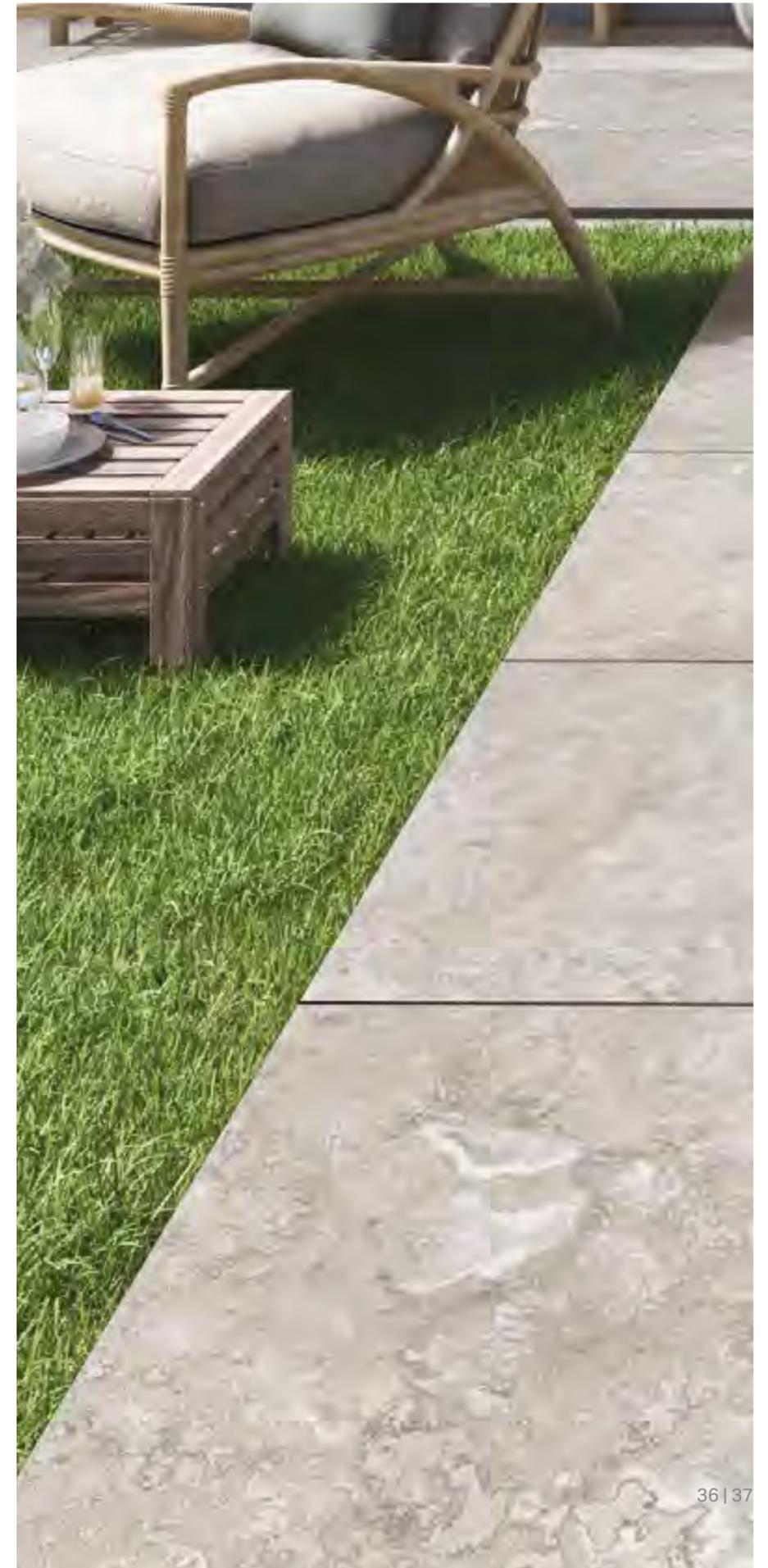


600X600MM

TRAVERTINO RAPULANO SILVER



TRAVERTINO RAPULANO SILVER







TRAVERTINO RAPULANO GOLD

TRAVERTINO RAPULANO CREMA RANDOM



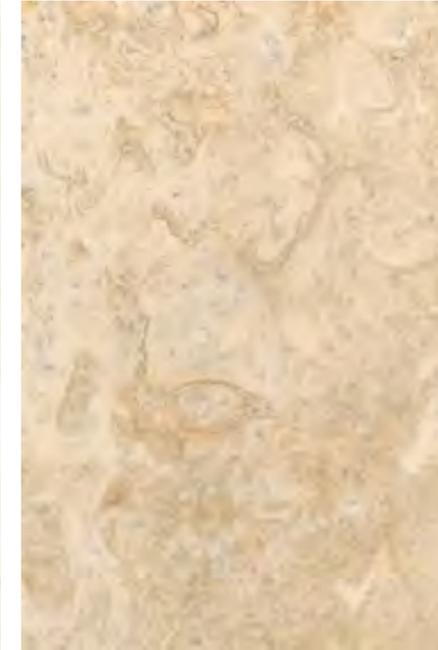
TRAVERTINO RAPULANO

TRAVERTINO
RAPULANO CREMA



600X900MM

TRAVERTINO
RAPULANO GOLD



600X900MM

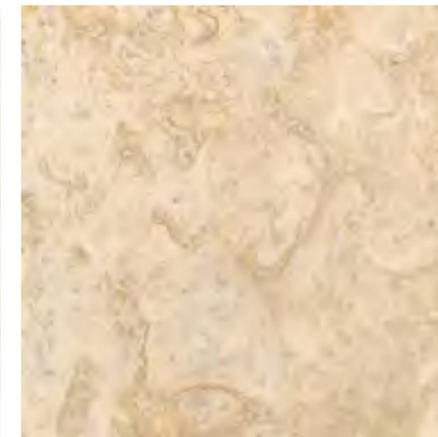
TRAVERTINO
RAPULANO SILVER



600X900MM



600X600MM



600X600MM



600X600MM

CALIFORNIA GOLD

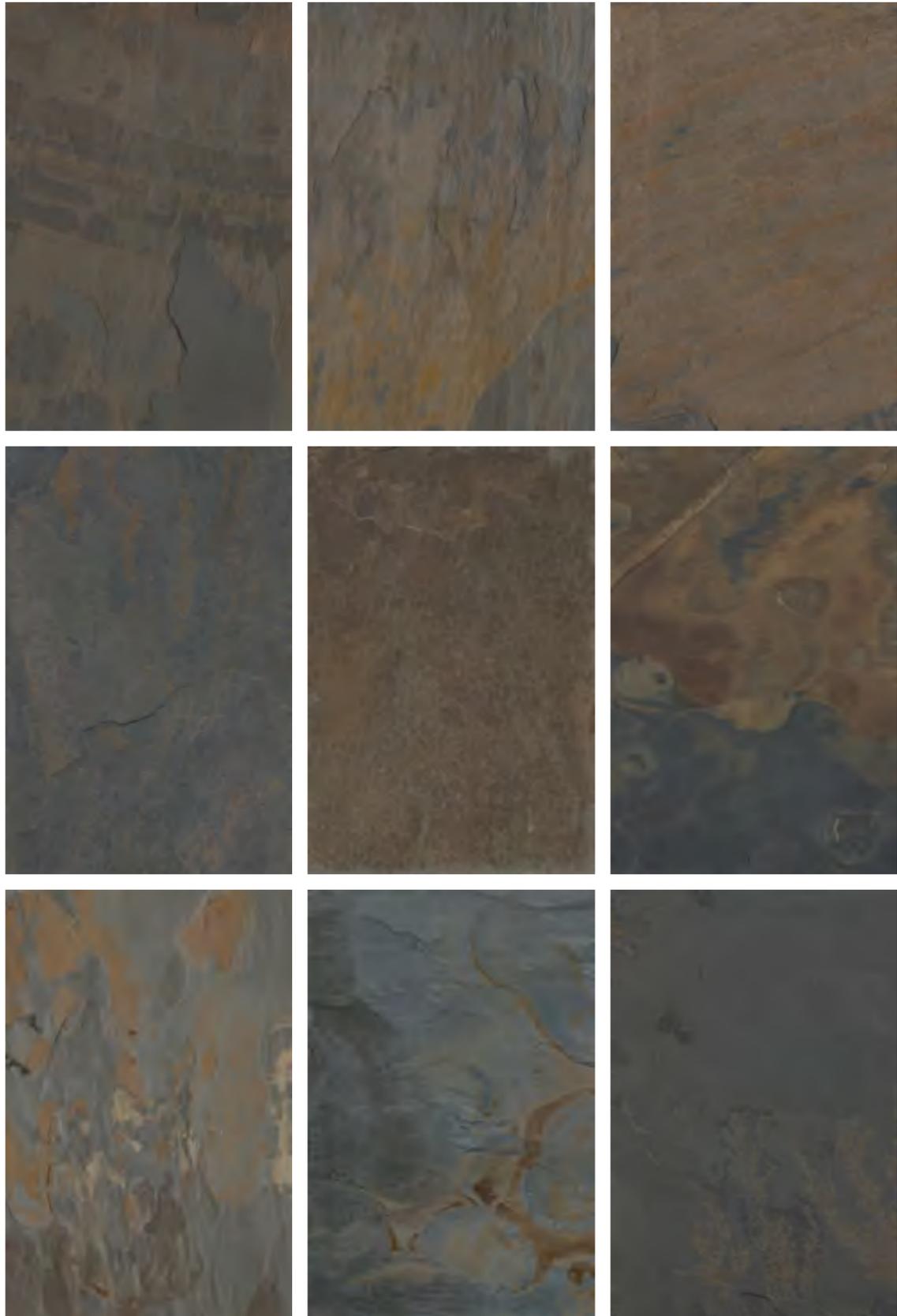


CALIFORNIA GOLD



CALIFONIA GOLD

CALIFONIA GOLD RANDOM



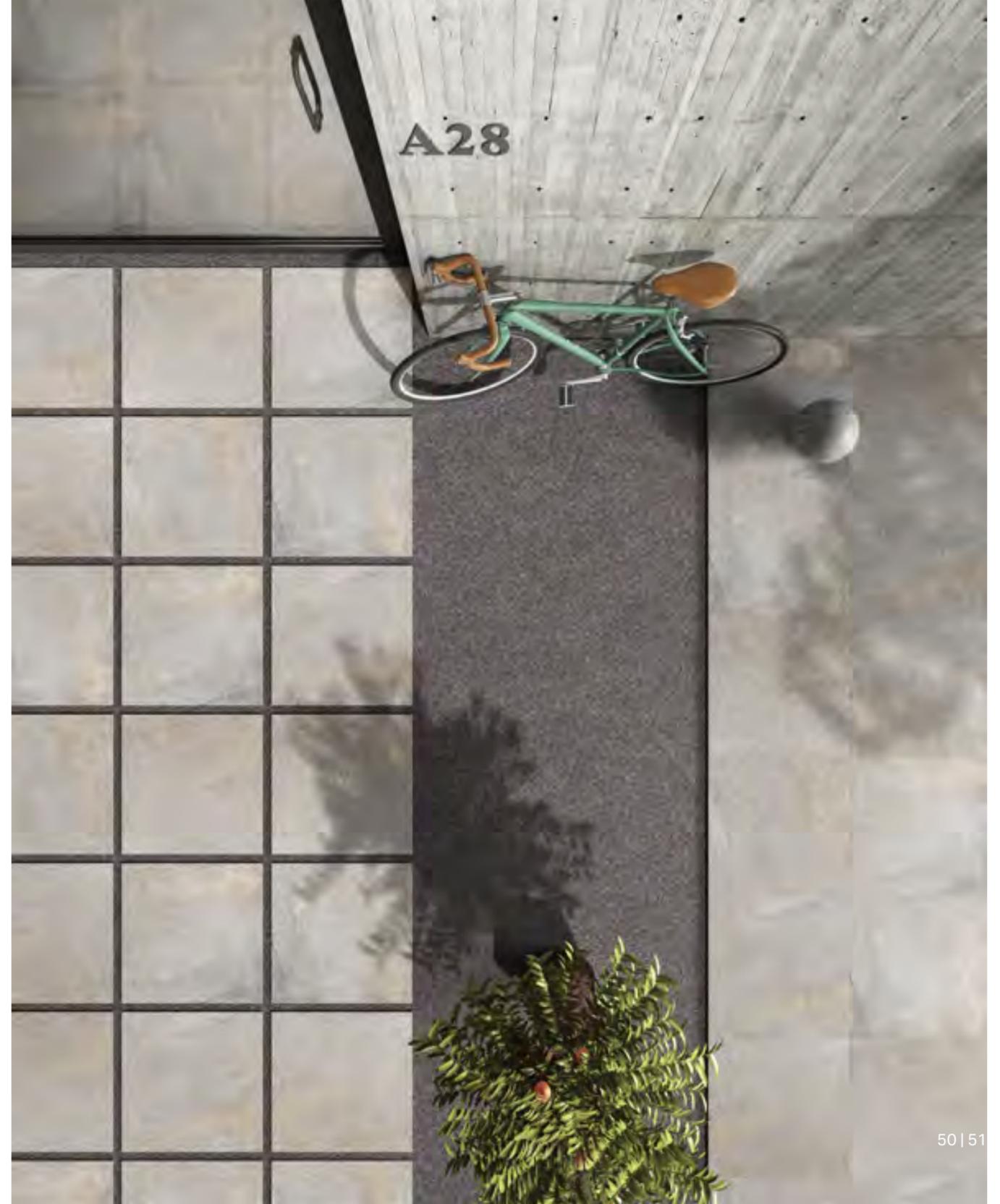
CALIFONIA GOLD



600X900MM



600X600MM







HAZZEL STONE CREMA



HAZZEL STONE CREMA



600X900MM

HAZZEL STONE BEIGE



600X900MM

HAZZEL STONE ASH



600X900MM



600X600MM



600X600MM



600X600MM

SAND ROCK SILVER





SAND ROCK SILVER RANDOM



SAND ROCK BEIGE

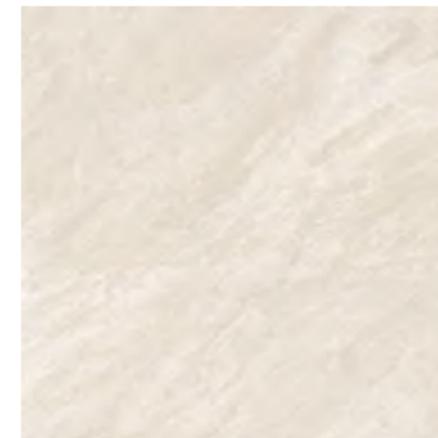


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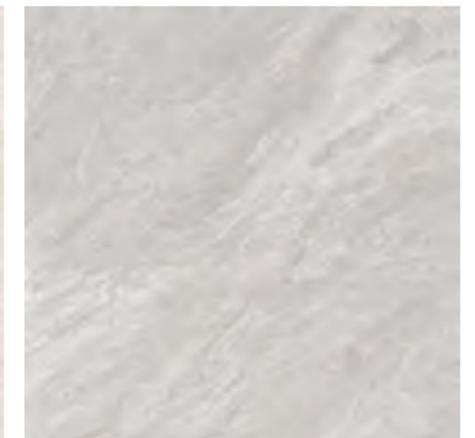
SAND ROCK SILVER



600X900MM



600X600MM



600X600MM

QUARTZ GREY

QUARTZ GREY



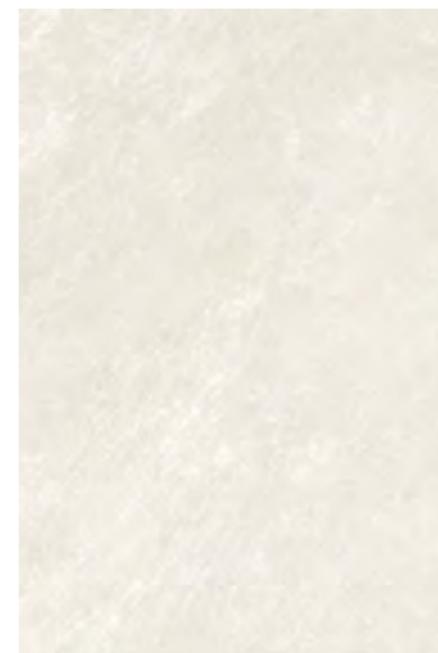


QUARTZ



QUARTZ WHITE

QUARTZ WHITE



600X900MM

QUARTZ GREY



600X900MM

QUARTZ NERO



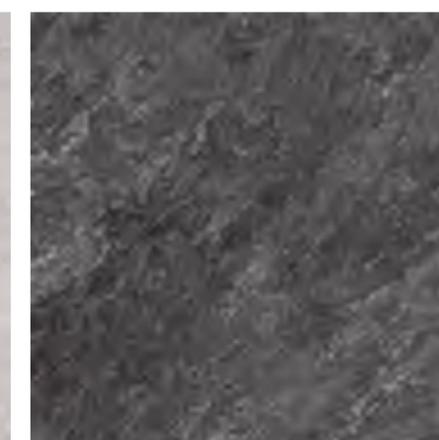
600X900MM



600X600MM



600X600MM



600X600MM

COUNTRY LGY

COUNTRY LGY

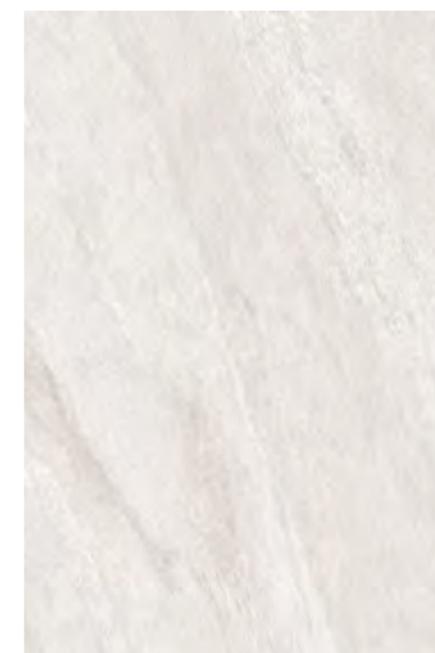


COUNTRY

COUNTRY GRIS RANDOM

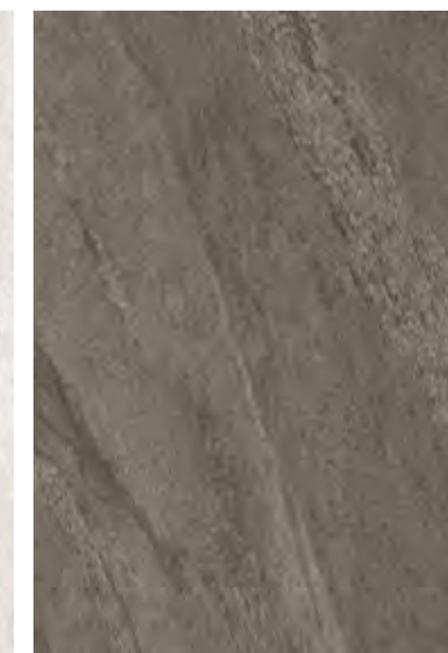


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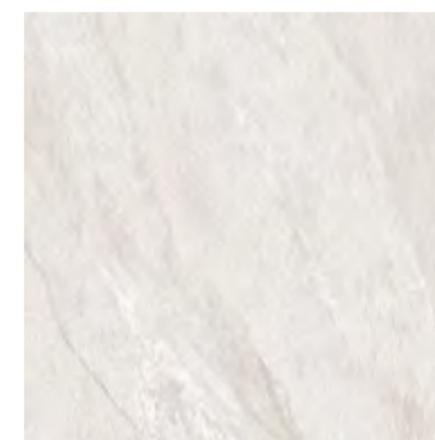


600X900MM

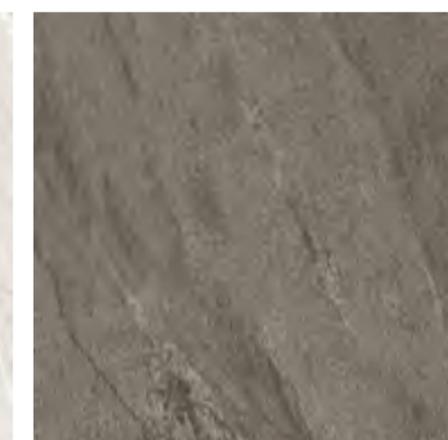
COUNTRY GRIS



600X900MM



600X600MM



600X600MM

COUNTRY

COUNTRY CREMA RANDOM

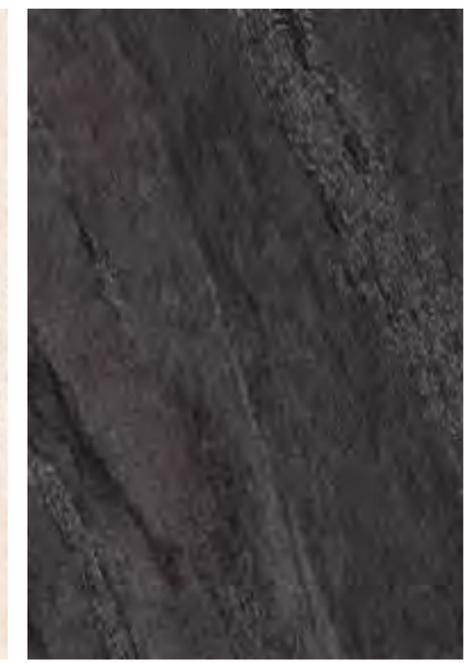


COUNTRY CREMA



600X900MM

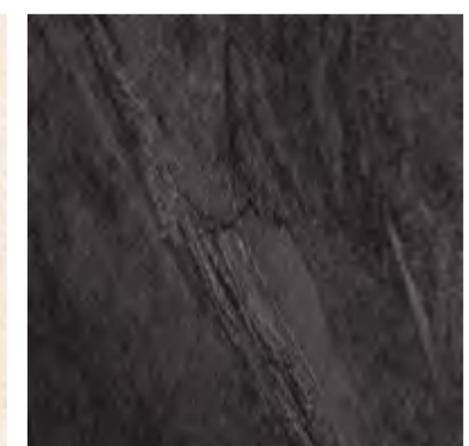
COUNTRY ANTHRACITE



600X900MM



600X600MM



600X600MM

CONCORD GREY



CONCORD STEEL



CONCORD

CONCORD STEEL RANDOM



CONCORD GRIS



600X900MM

CONCORD STEEL



600X900MM



600X600MM



600X600MM



CONCORD GRIS



CONCORD

CONCORD IVORY RANDOM



CONCORD IVORY



600X900MM

CONCORD GREY



600X900MM



600X600MM



600X600MM

GOLD QUARTZ



GOLD QUARTZ RANDOM



GOLD QUARTZ



600X900MM



600X600MM

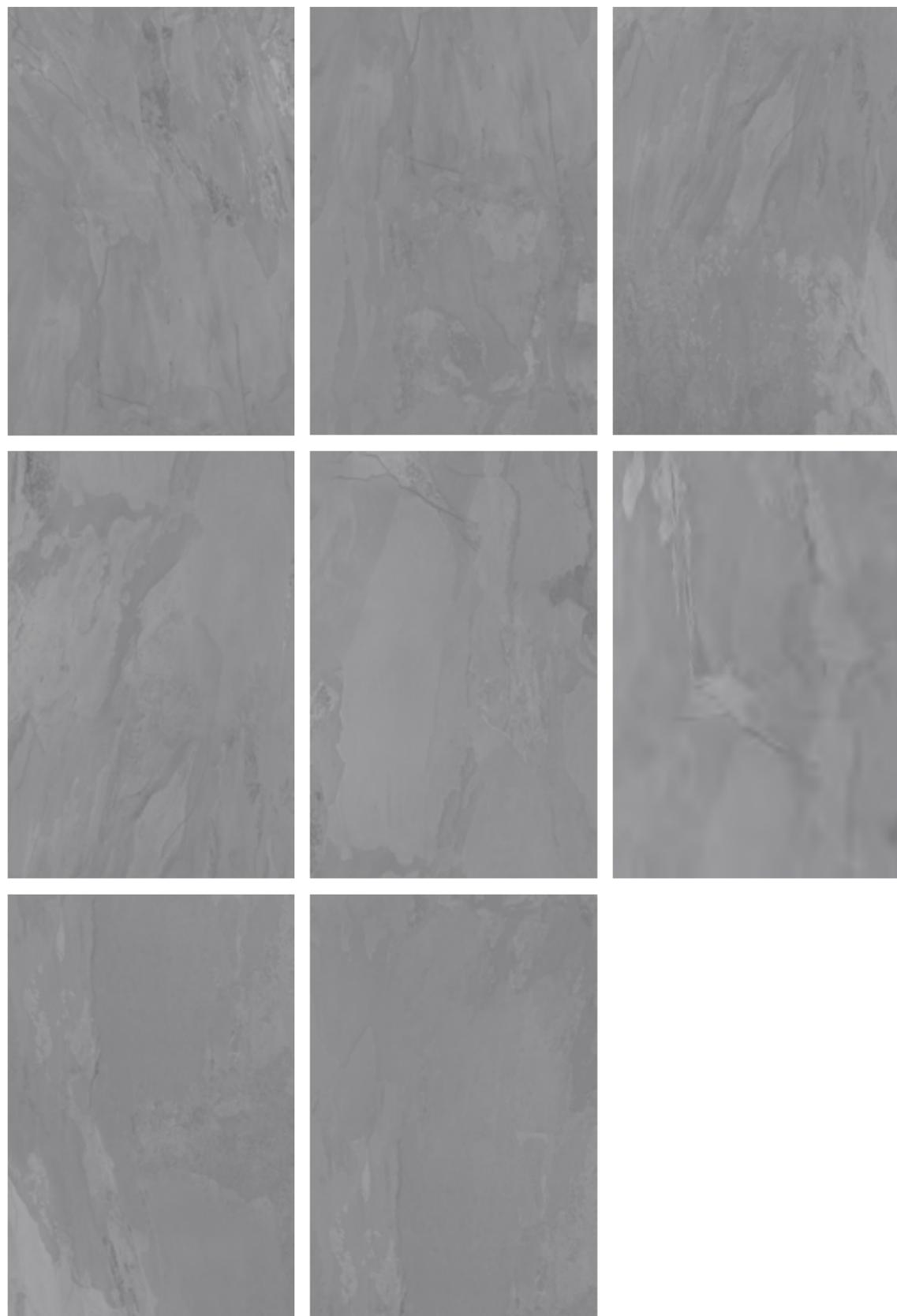
SLATE STONE STEEL





SLATE STONE

SLATE STONE GREY RANDOM



SLATE STONE GREY

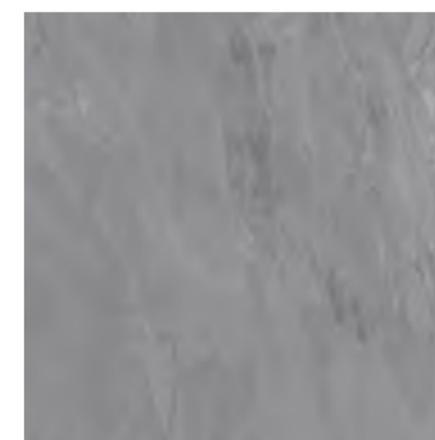


600X900MM

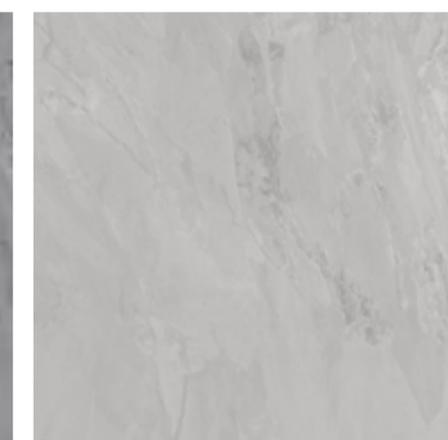
SLATE STONE STEEL



600X900MM



600X600MM

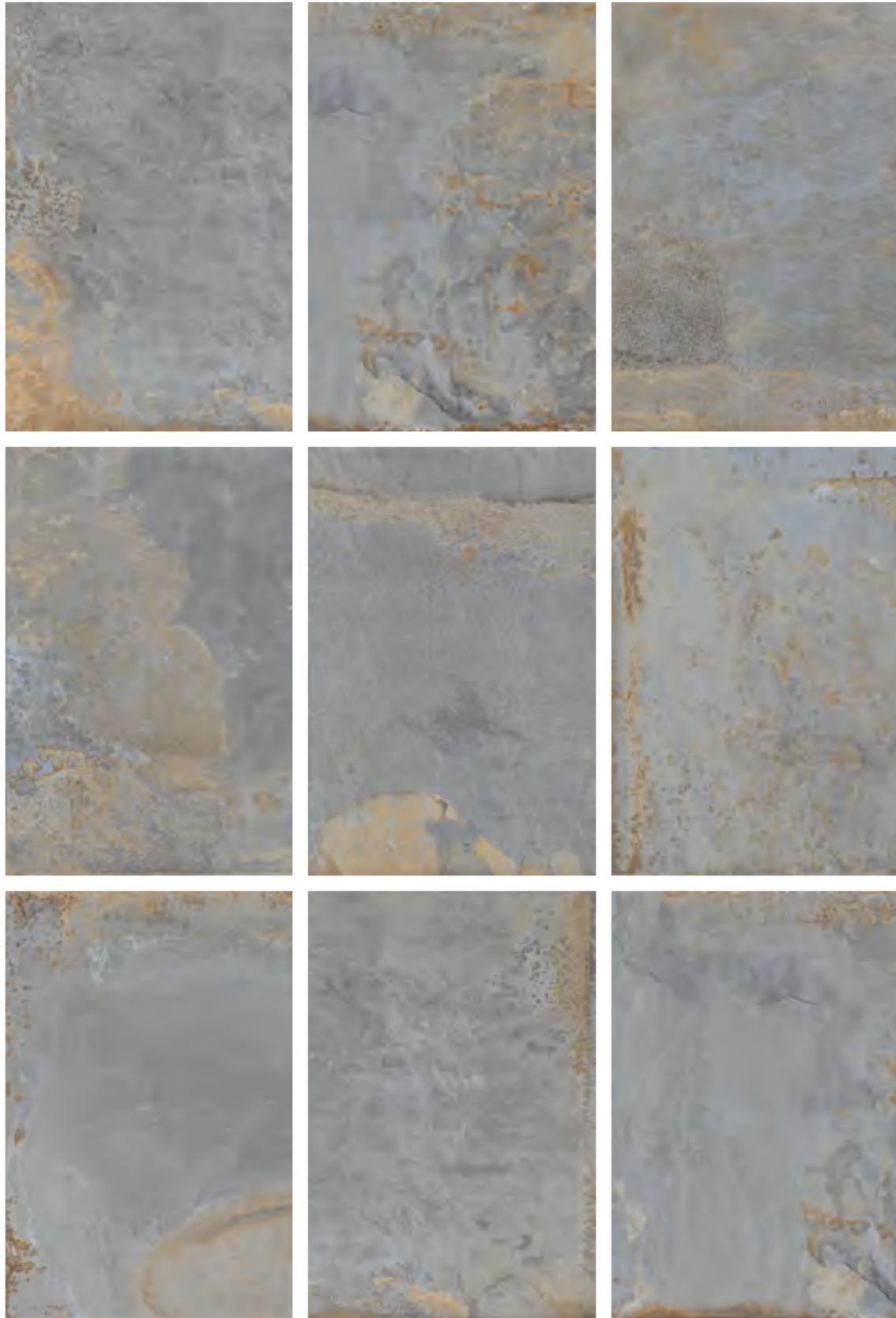


600X600MM

VIETNAMGOLD ASH

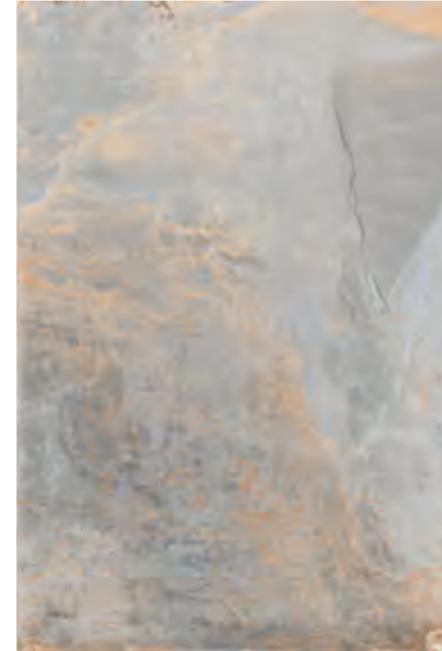


VIETNAMGOLD AZUL RANDOM



VIETNAMGOLD

VIETNAMGOLD ASH



600X900MM

VIETNAMGOLD AZUL



600X900MM

VIETNAMGOLD BLACK



600X900MM



600X600MM



600X600MM



600X600MM

MIST GREY



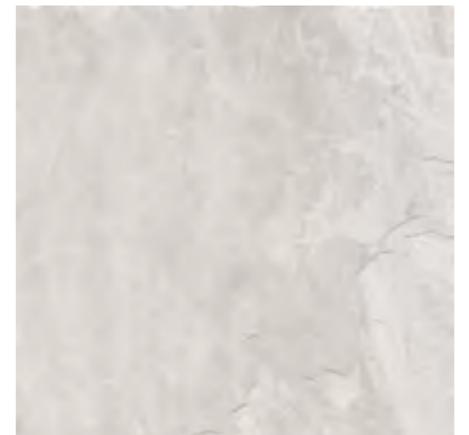
MIST GREY RANDOM



MIST GREY



600X900MM



600X600MM

COTTO BEIGE

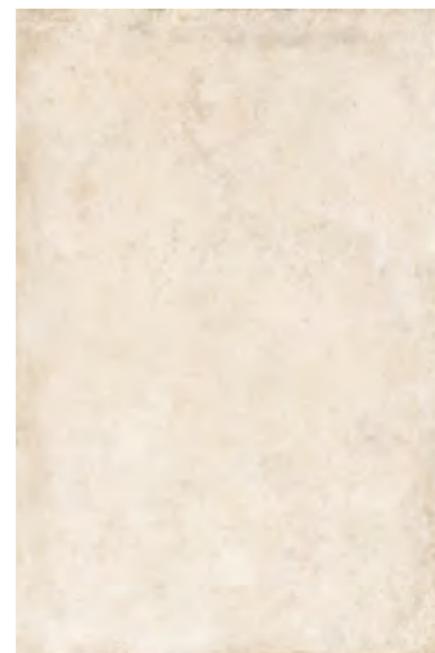




COTTO ASH

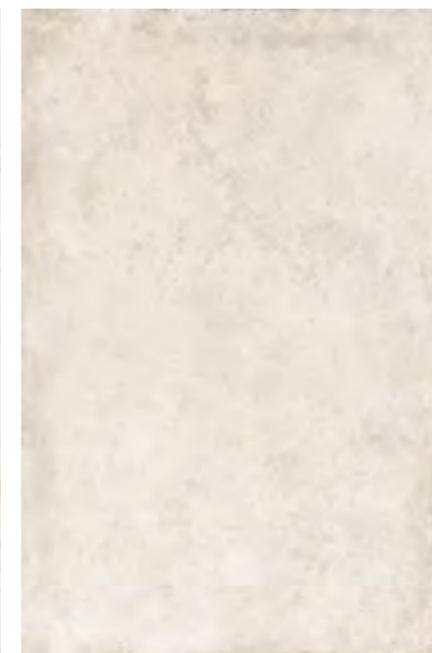
COTTO

COTTO BEIGE



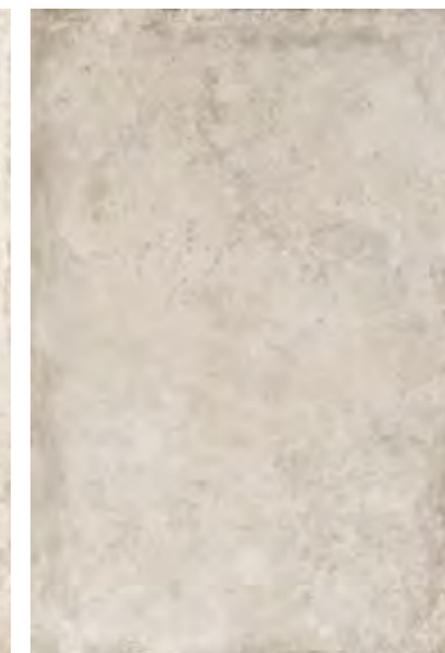
600X900MM

COTTO CREMA



600X900MM

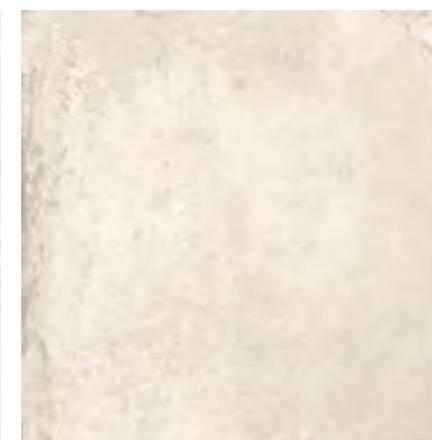
COTTO ASH



600X900MM



600X600MM



600X600MM



600X600MM

PACIFIC BROWN





PACIFIC BROWN

PACIFIC BROWN



600X900MM



600X600MM



BRAZILIAN BLACK

BRAZILIAN GREY





BRAZILIAN BLACK

BRAZILIAN GREY



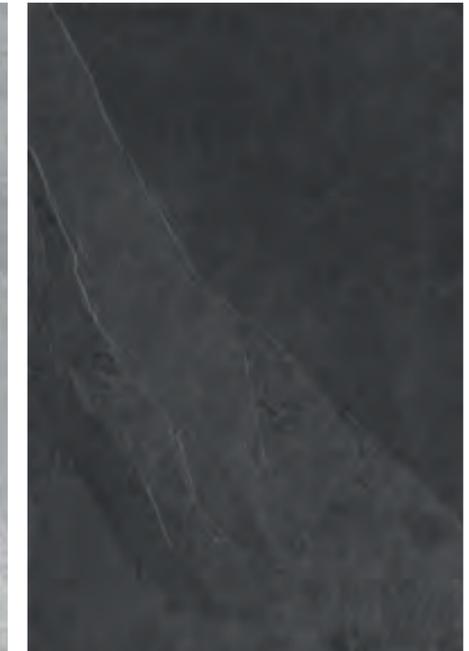
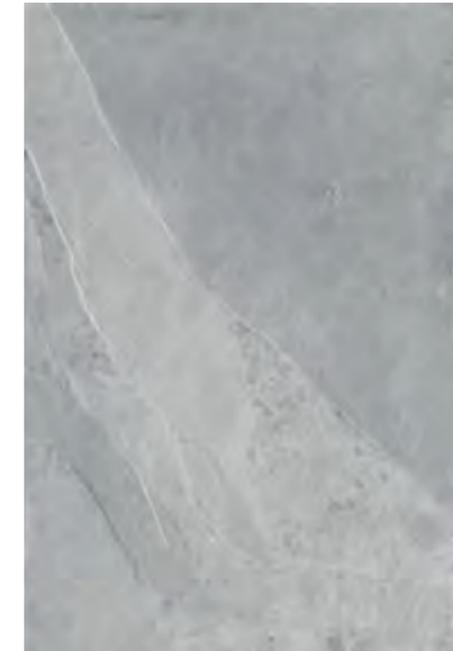
BRAZILIAN

BRAZILIAN GREY RANDOM



BRAZILIAN GREY

BRAZILIAN BLACK



600X900MM

600X900MM



600X600MM

600X600MM

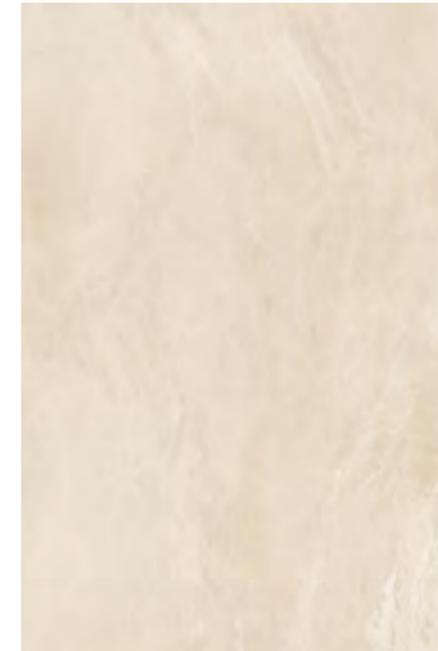
ESPIRIT GREY



ESPIRIT GREY RANDOM



ESPIRIT BEIGE



600X900MM

ESPIRIT GREY



600X900MM



600X600MM



600X600MM

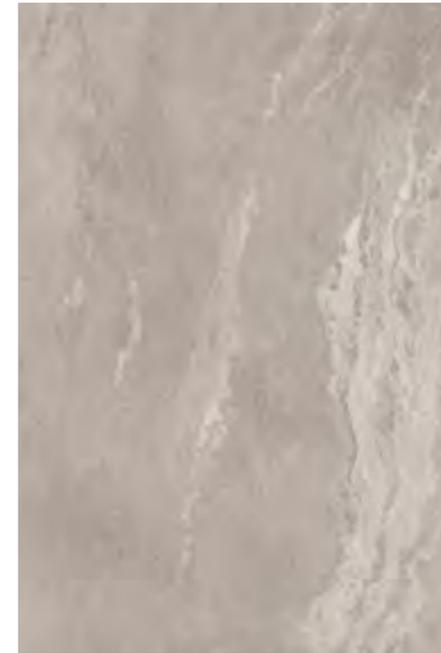
ESPIRIT NERO



ESPIRIT TAN RANDOM

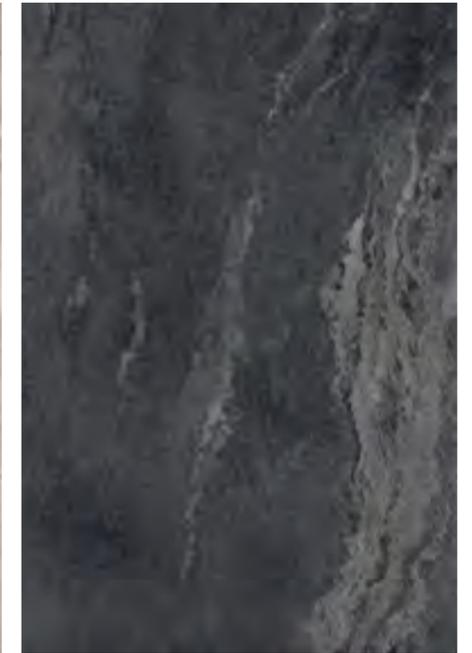


ESPIRIT TAN



600X900MM

ESPIRIT NERO



600X900MM



600X600MM



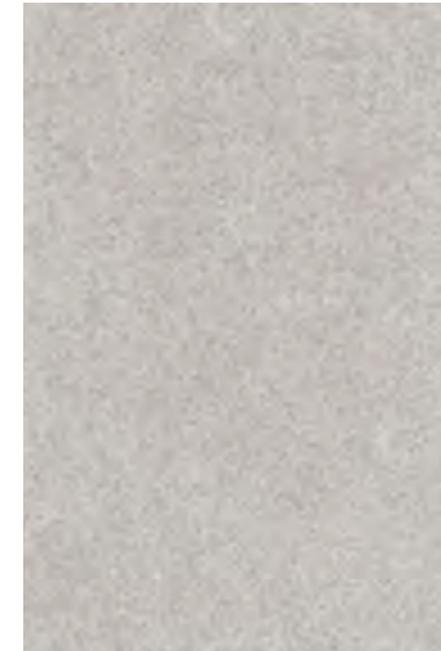
600X600MM





BASALT GREY

BASALT GREY

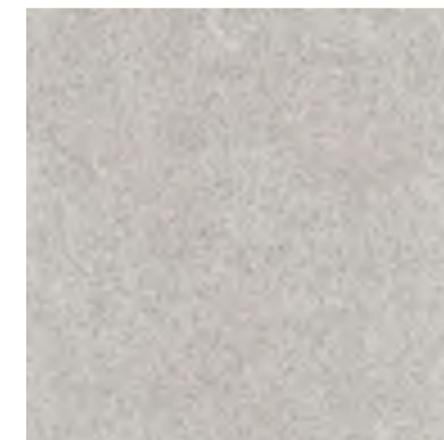


600X900MM

BASALT NATURAL



600X900MM



600X600MM

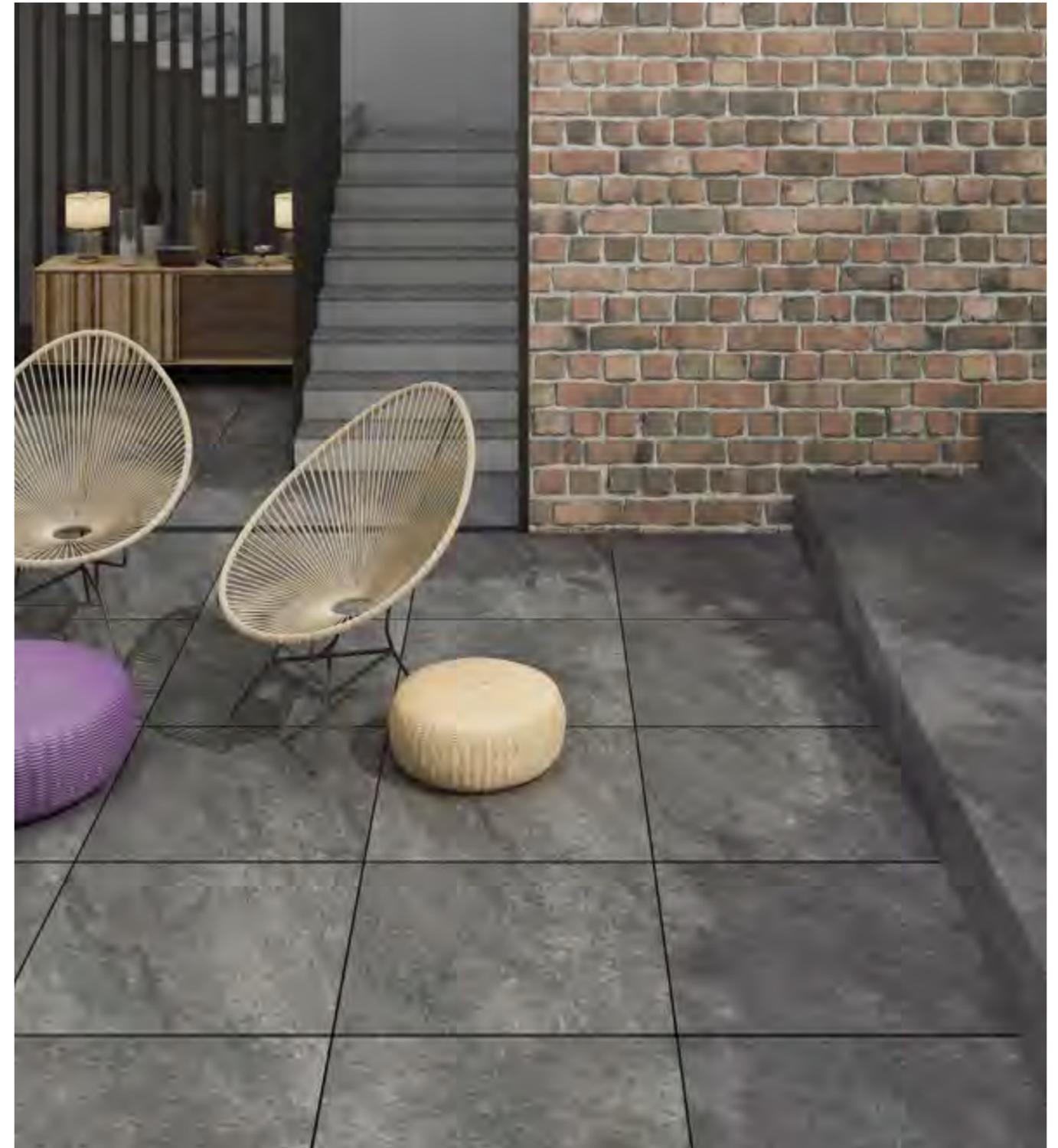


600X600MM



HAMMER STONE GREY

HAMMER STONE BEIGE



HAMMER STONE NERO

HAMMER STONE BEIGE

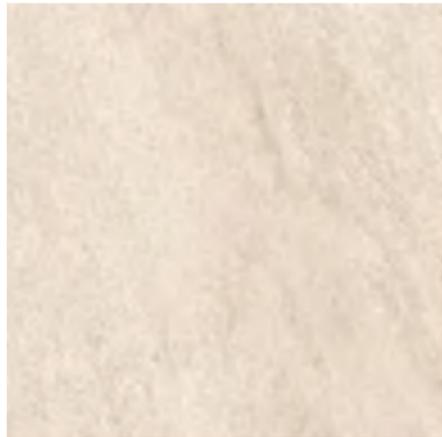


600X900MM

HAMMER STONE MOCA



600X900MM



600X600MM



600X600MM

HAMMER STONE GREY



600X900MM

HAMMER STONE NERO



600X900MM



600X600MM



600X600MM

MAYSTONE CREMA



MAYSTONE CREMA

MAYSTONE GREY



MAYSTONE GREY RANDOM



MAYSTONE CREMA



600X900MM

MAYSTONE GREY



600X900MM



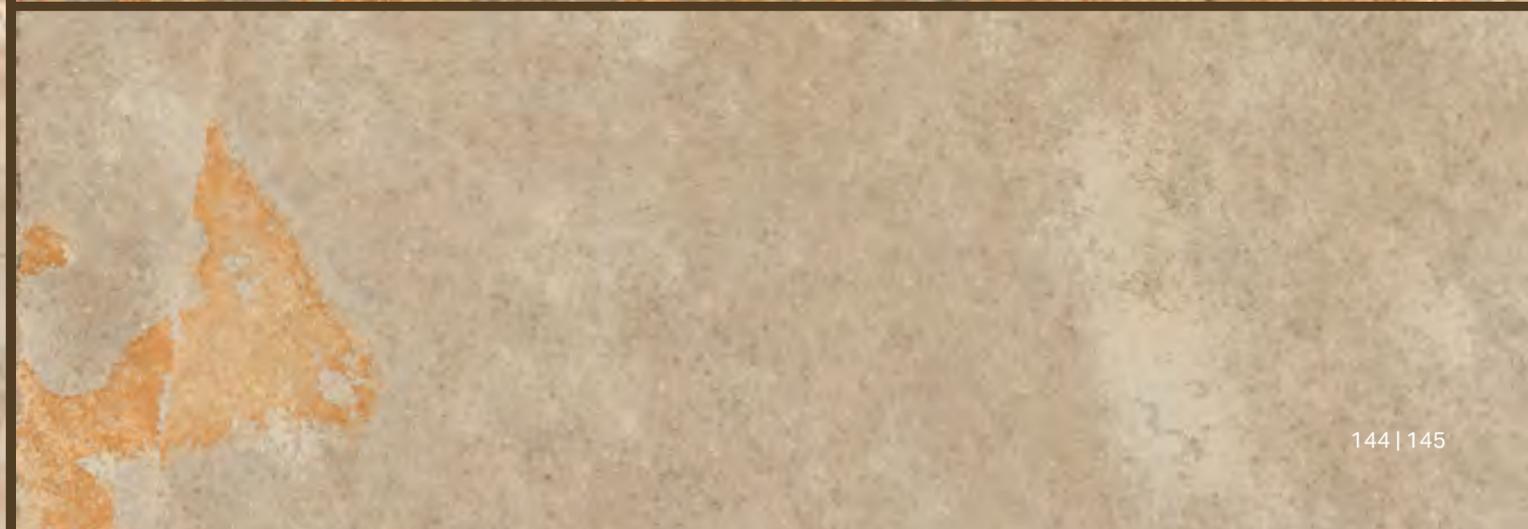
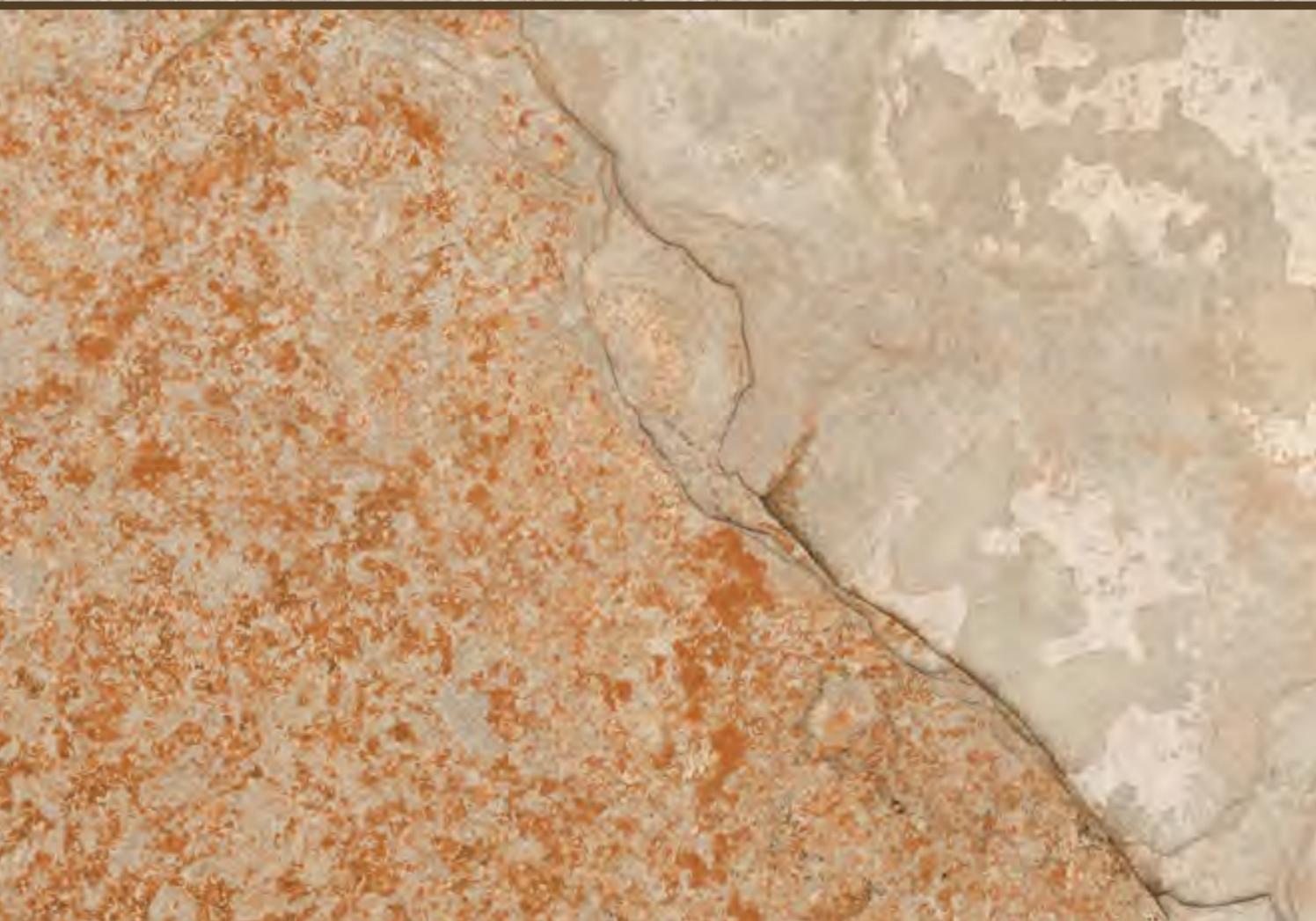
600X600MM



600X600MM



NATURAL SLATE



NATURAL SLATE



NATURAL SLATE RANDOM



NATURAL SLATE



600X900MM



600X600MM

ECOPAV NATURAL



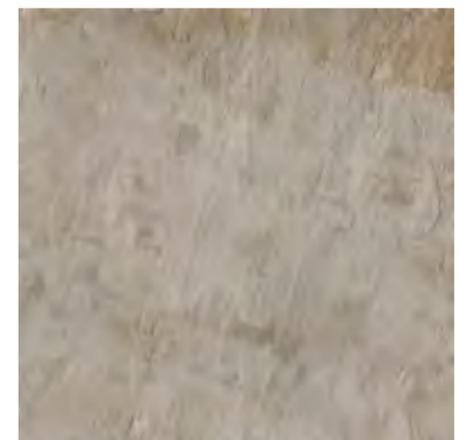
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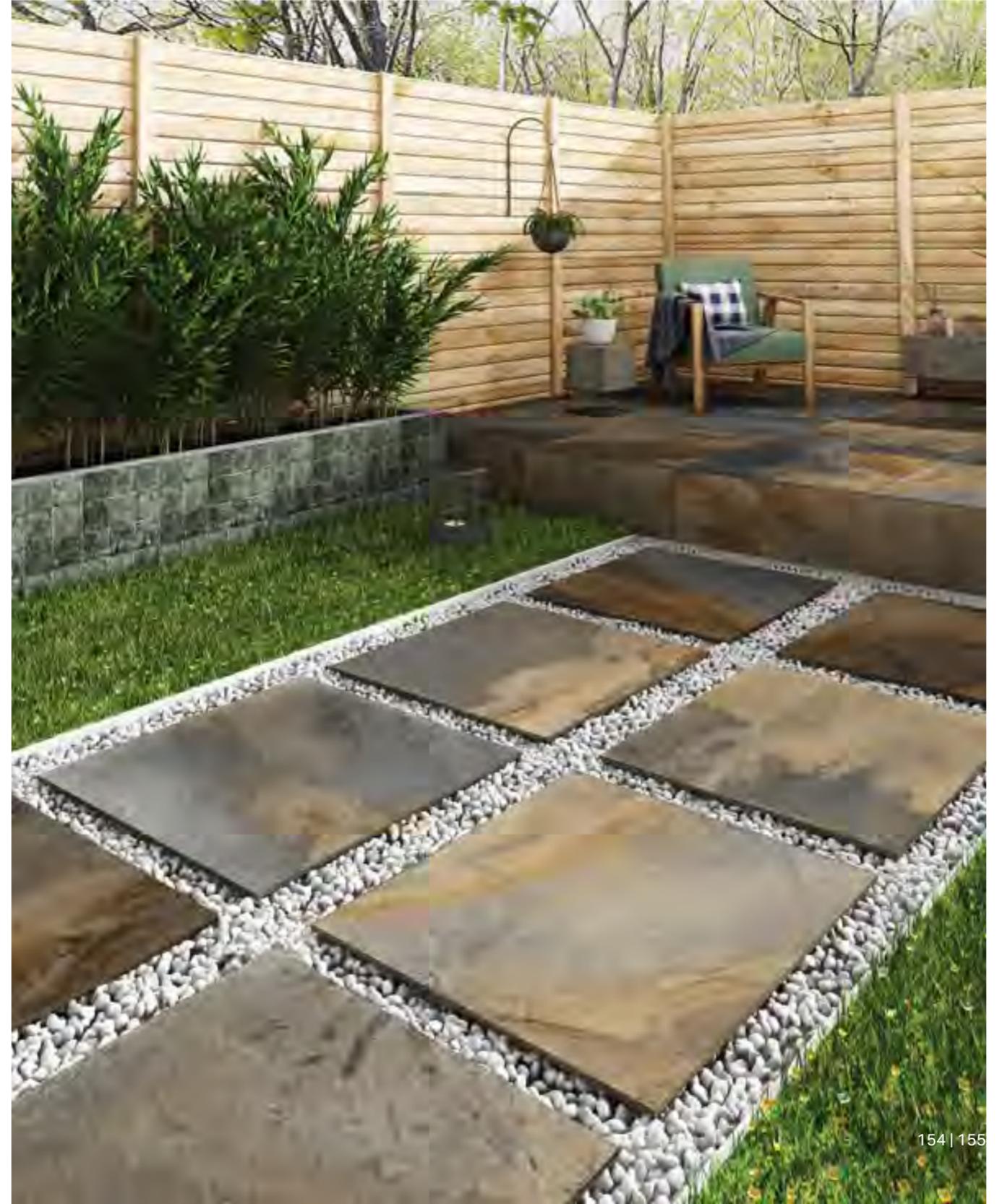
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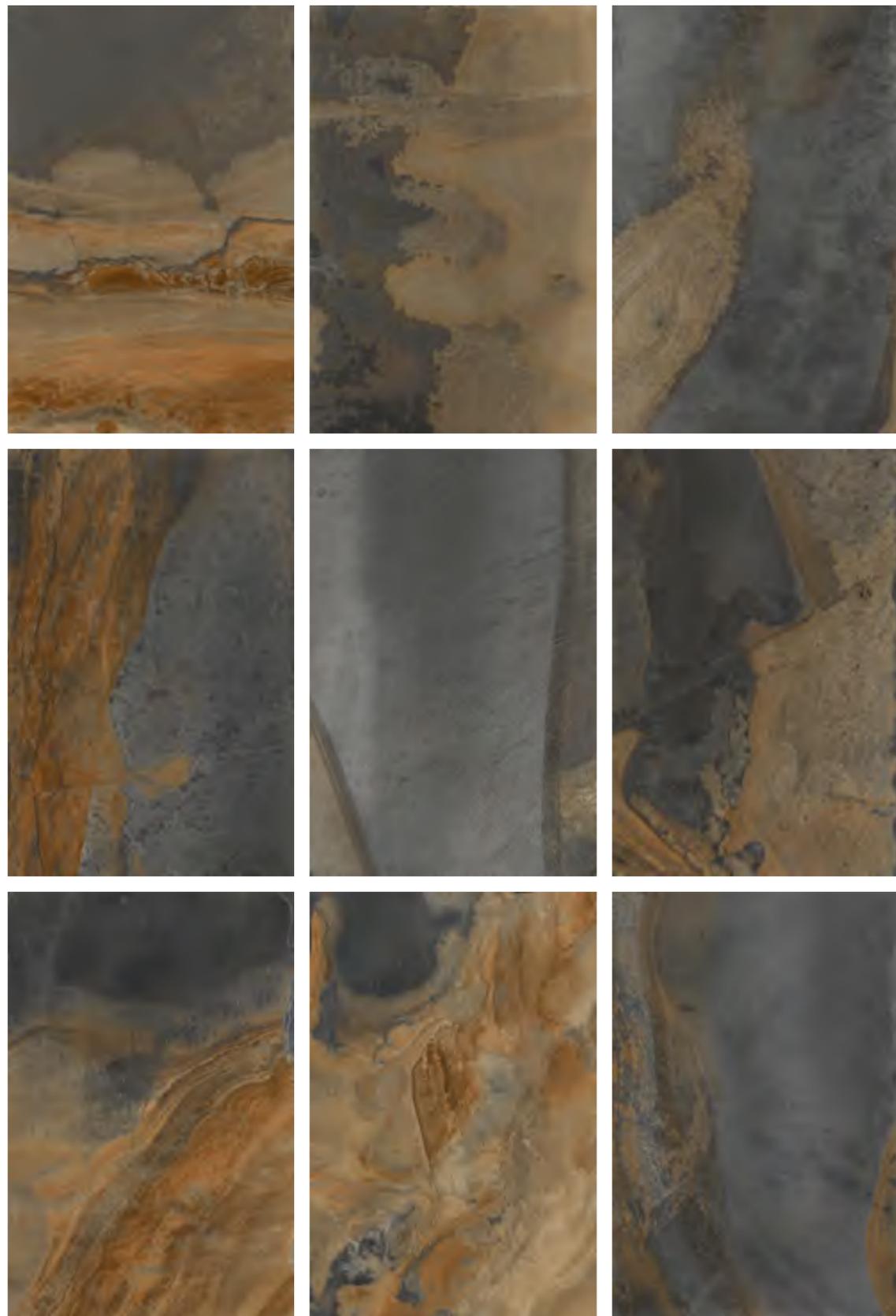


600X600MM



SLATE IMPERIO

SLATE IMPERIO RANDOM



SLATE IMPERIO



600X900MM



600X600MM

EARTHEN GREY

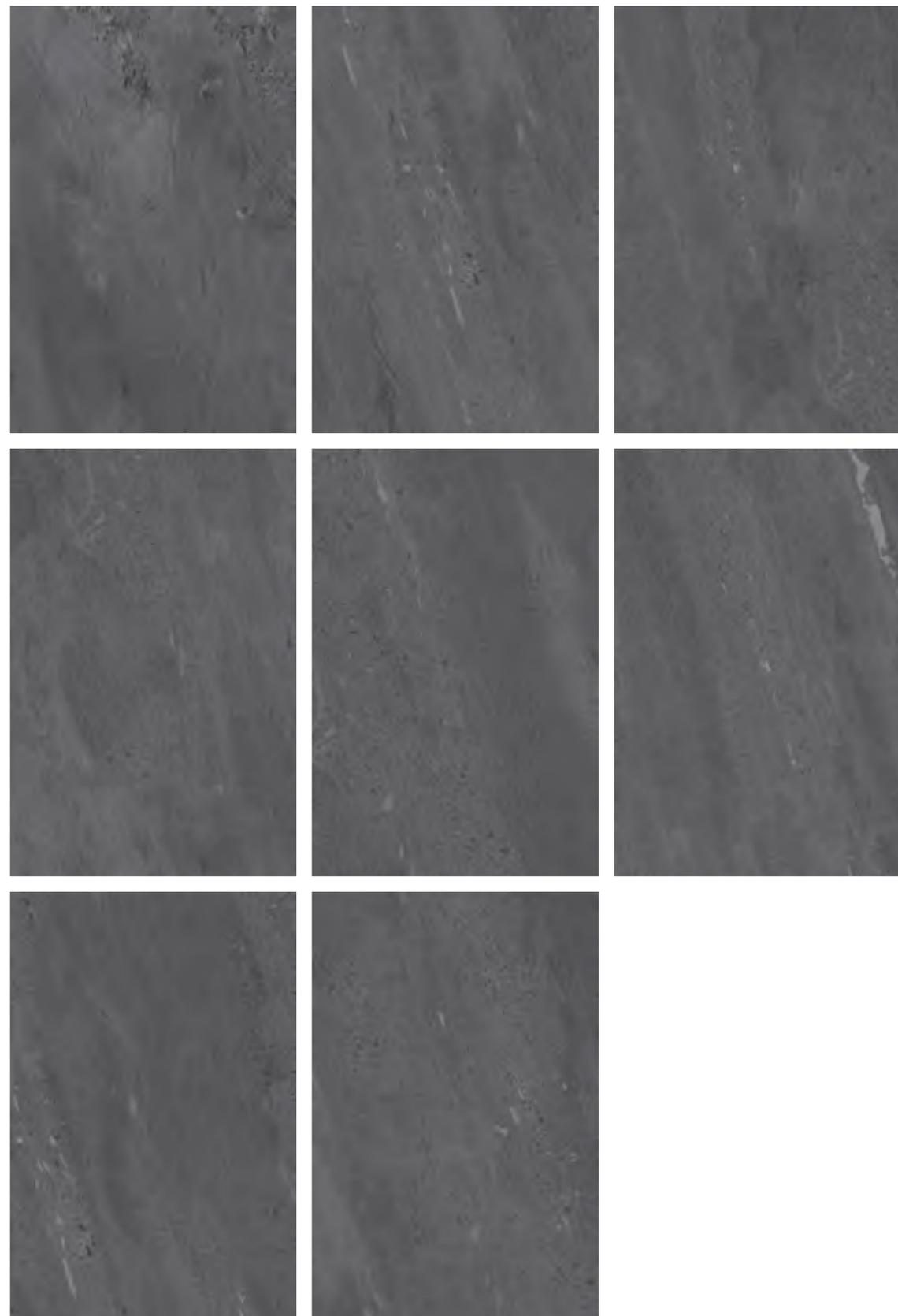




EARTHEN BEIGE

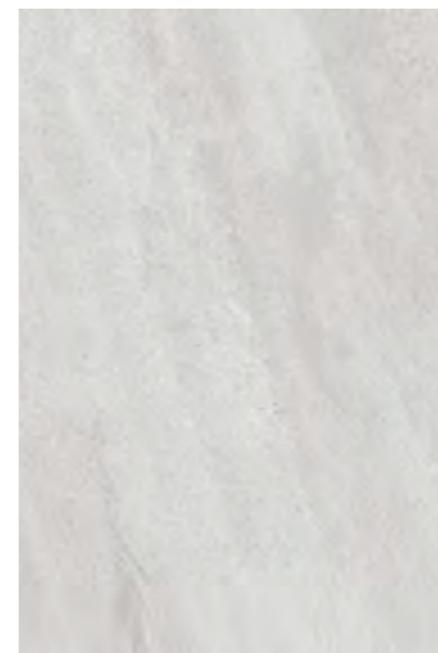


EARTHEN NERO RANDOM



EARTHEN

EARTHEN GREY



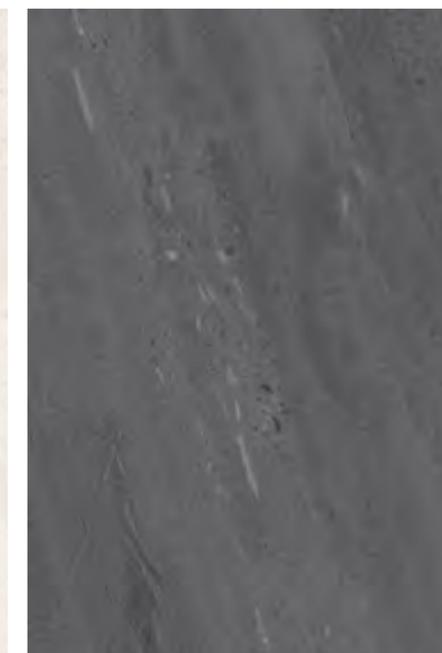
600X900MM

EARTHEN BEIGE



600X900MM

EARTHEN NERO



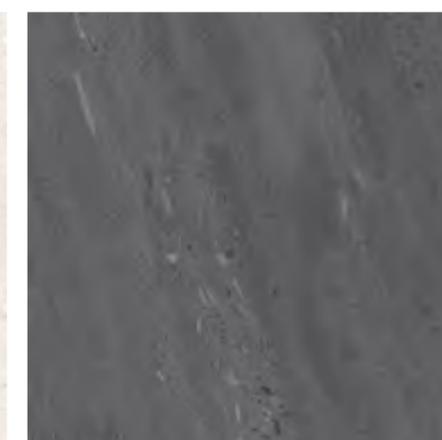
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600X600MM



600X600MM



600X600MM

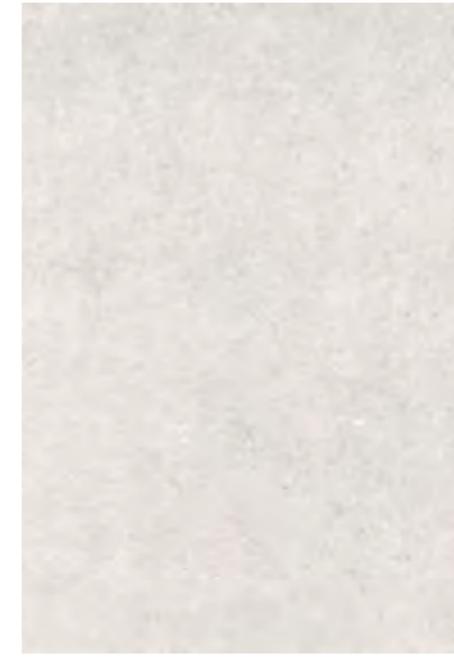
COBBLE STONE ASH





COBBLE STONE GREY

COBBLE STONE ASH



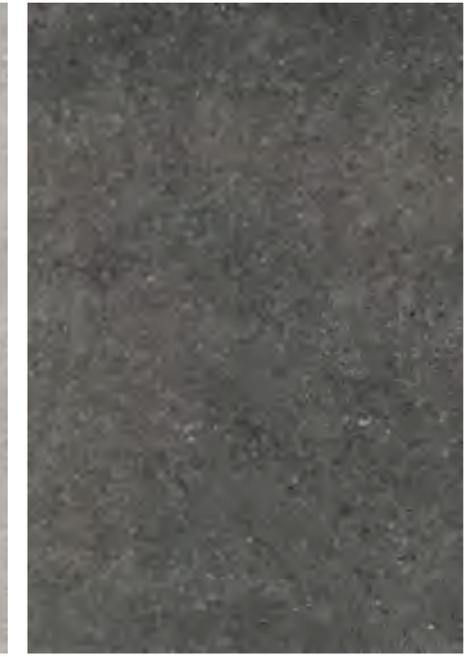
600X900MM

COBBLE STONE GREY

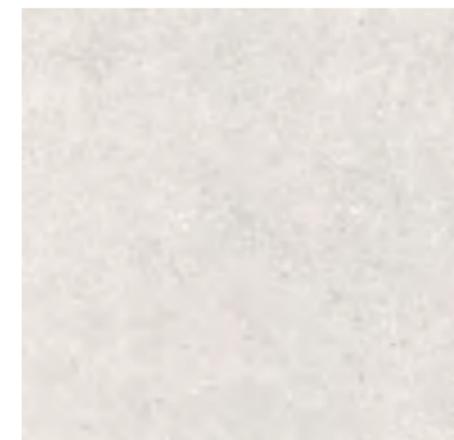


600X900MM

COBBLE STONE NERO



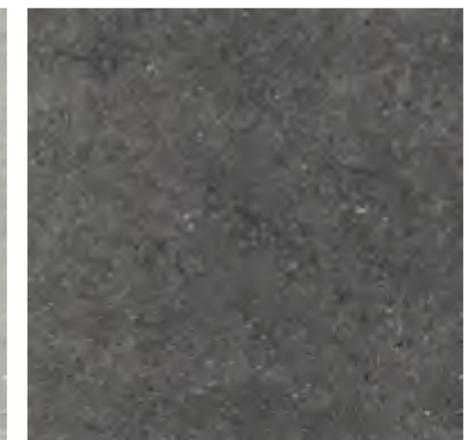
600X900MM



600X600MM



600X600MM



600X600MM

BLUE STONE NATURAL





BLUE STONE GRIS

BLUE STONE

BLUE STONE GRIS



600X900MM

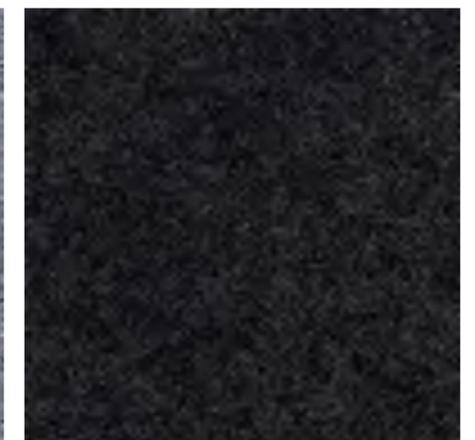
BLUE STONE NATURAL



600X900MM



600X600MM



600X600MM

QUARTZITE NATURAL





QUARTZITE

QUARTZITE NATURAL RANDOM



QUARTZITE CREMA



600X900MM

QUARTZITE NATURAL



600X900MM



600X600MM



600X600MM



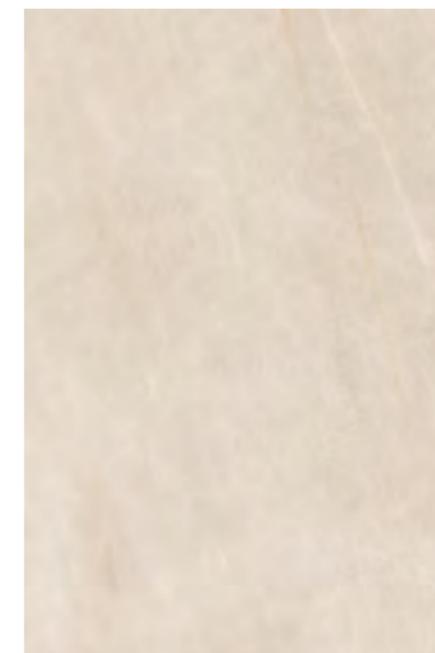


GRAVE STONE

GRAVE STONE BEIGE RANDOM

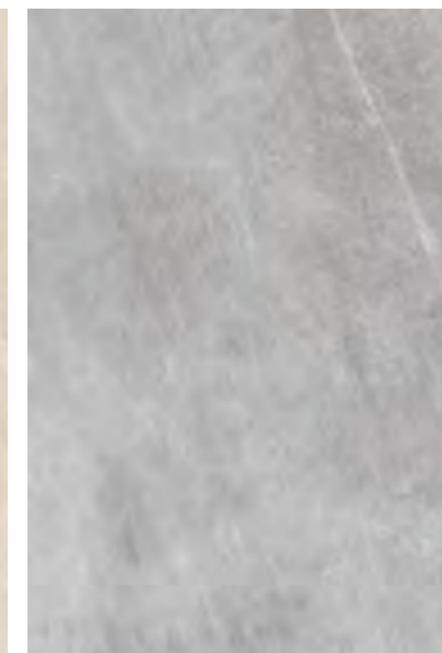


GRAVE STONE BEIGE



600X900MM

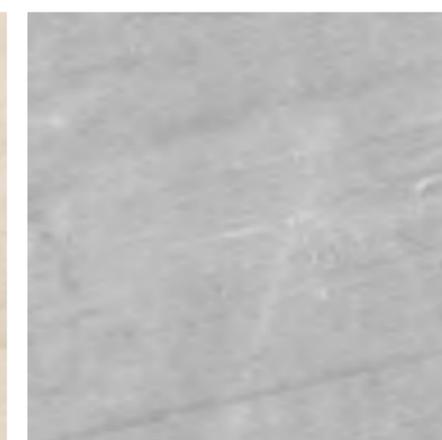
GRAVE STONE GREY



600X900MM



600X600MM



600X600MM



ROUGH BRUNO RANDOM



ROUGH BRUNO



600X900MM



600X600MM

BESIDE GREY



BESIDE GREY RANDOM



BESIDE GREY



600X900MM



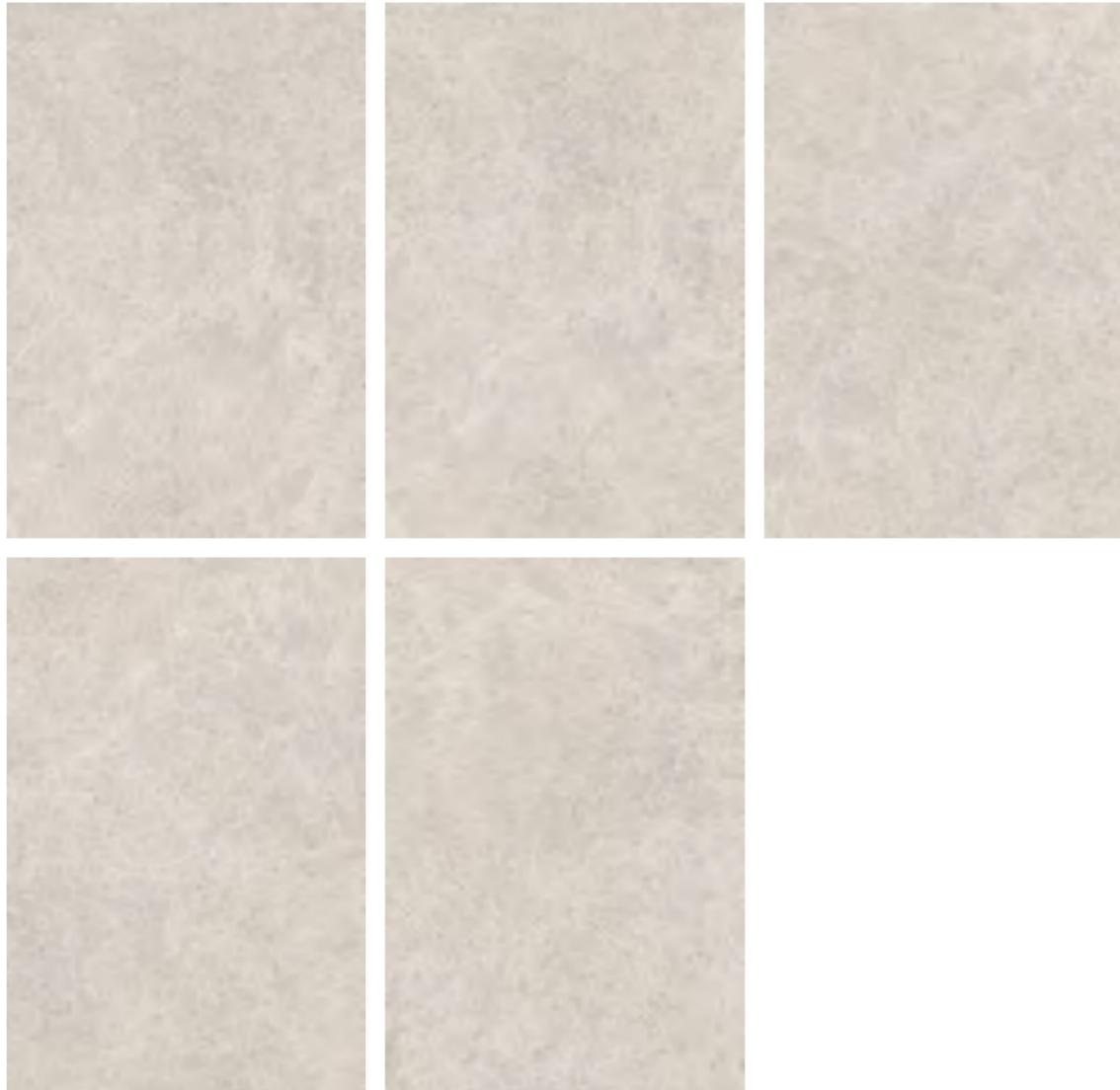
600X600MM

MONOLITH ASH

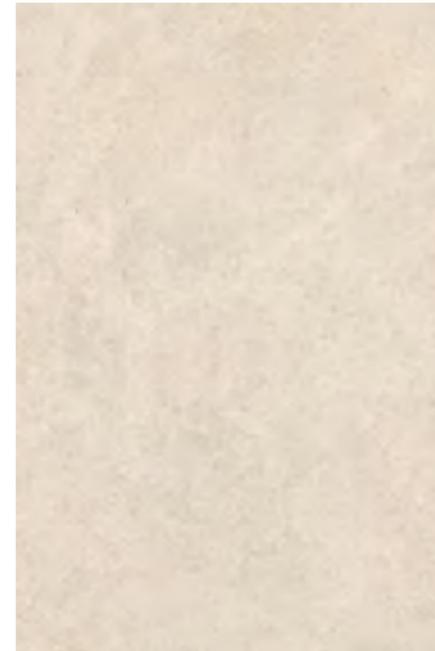




MONOLITH ASH RANDOM



MONOLITH CREMA



600X900MM

MONOLITH ASH

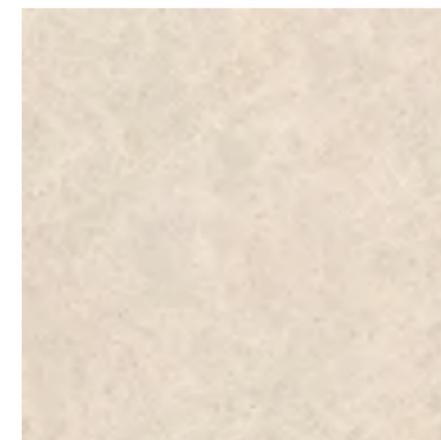


600X900MM

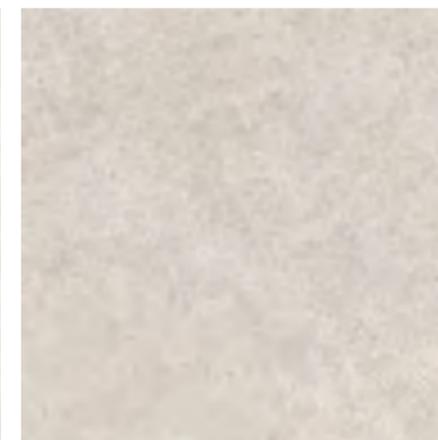
MONOLITH NERO



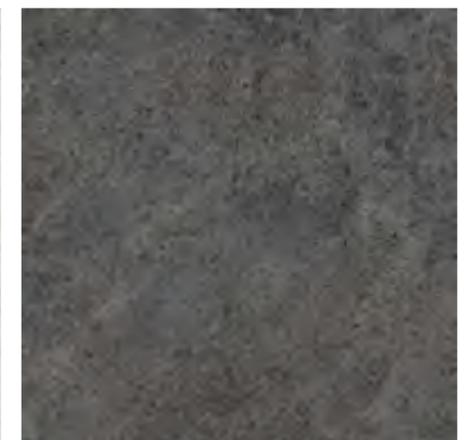
600X900MM



600X600MM



600X600MM



600X600MM

NOOR LGY

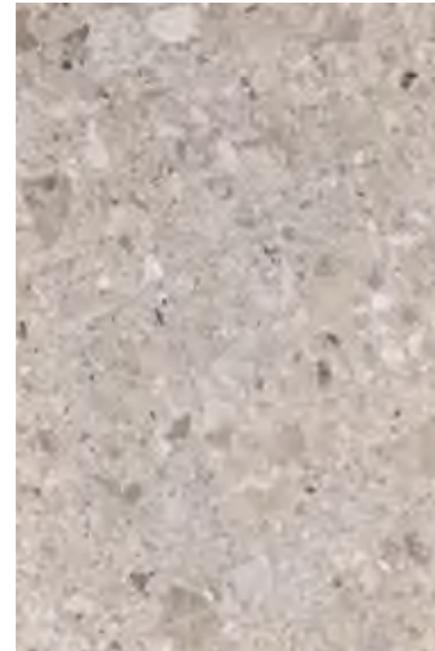




NOOR CREMA RANDOM



NOOR CREMA



600X900MM

NOOR LGY



600X900MM

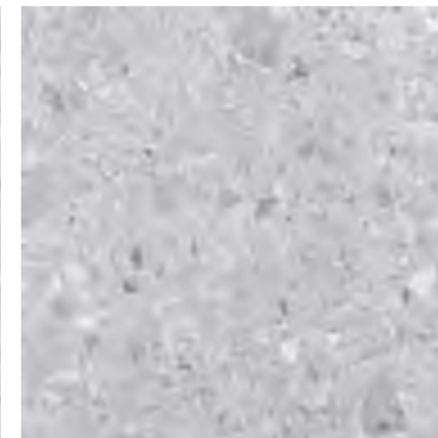
NOOR GRIGIO



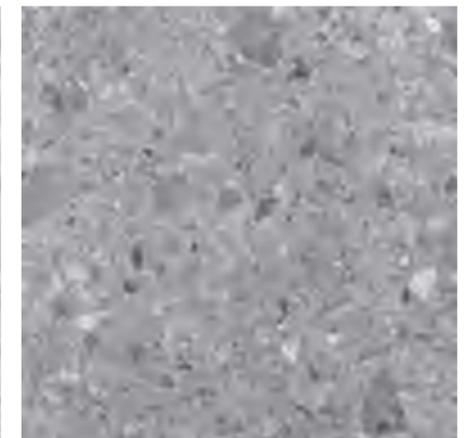
600X900MM



600X600MM



600X600MM



600X600MM

OYSTER SILVER





OYSTER BIANCO

OYSTER BEIGE



OYSTER

OYSTER BEIGE RANDOM



OYSTER BEIGE



600X900MM

OYSTER BIANCO



600X900MM



600X600MM



600X600MM

OYSTER

OYSTER SILVER RANDOM

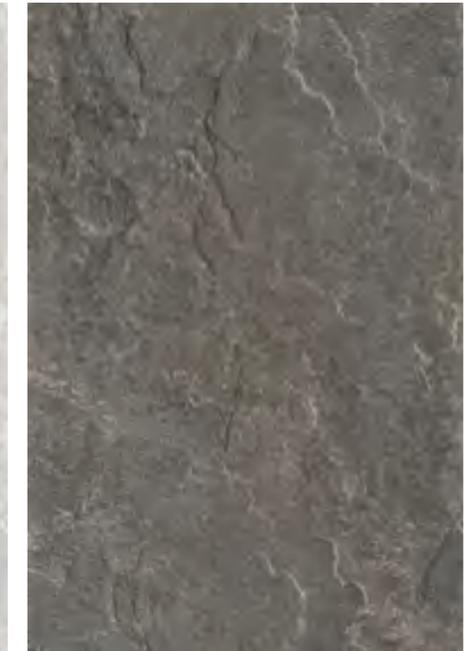


OYSTER SILVER

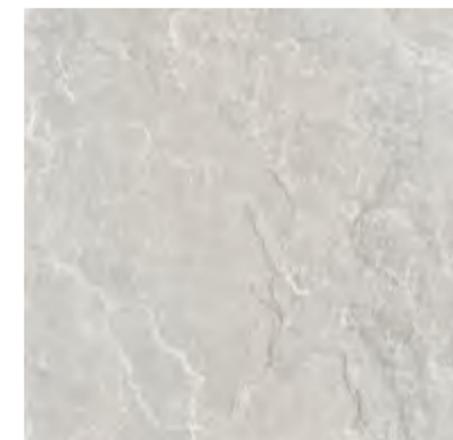


600X900MM

OYSTER NERO



600X900MM



600X600MM



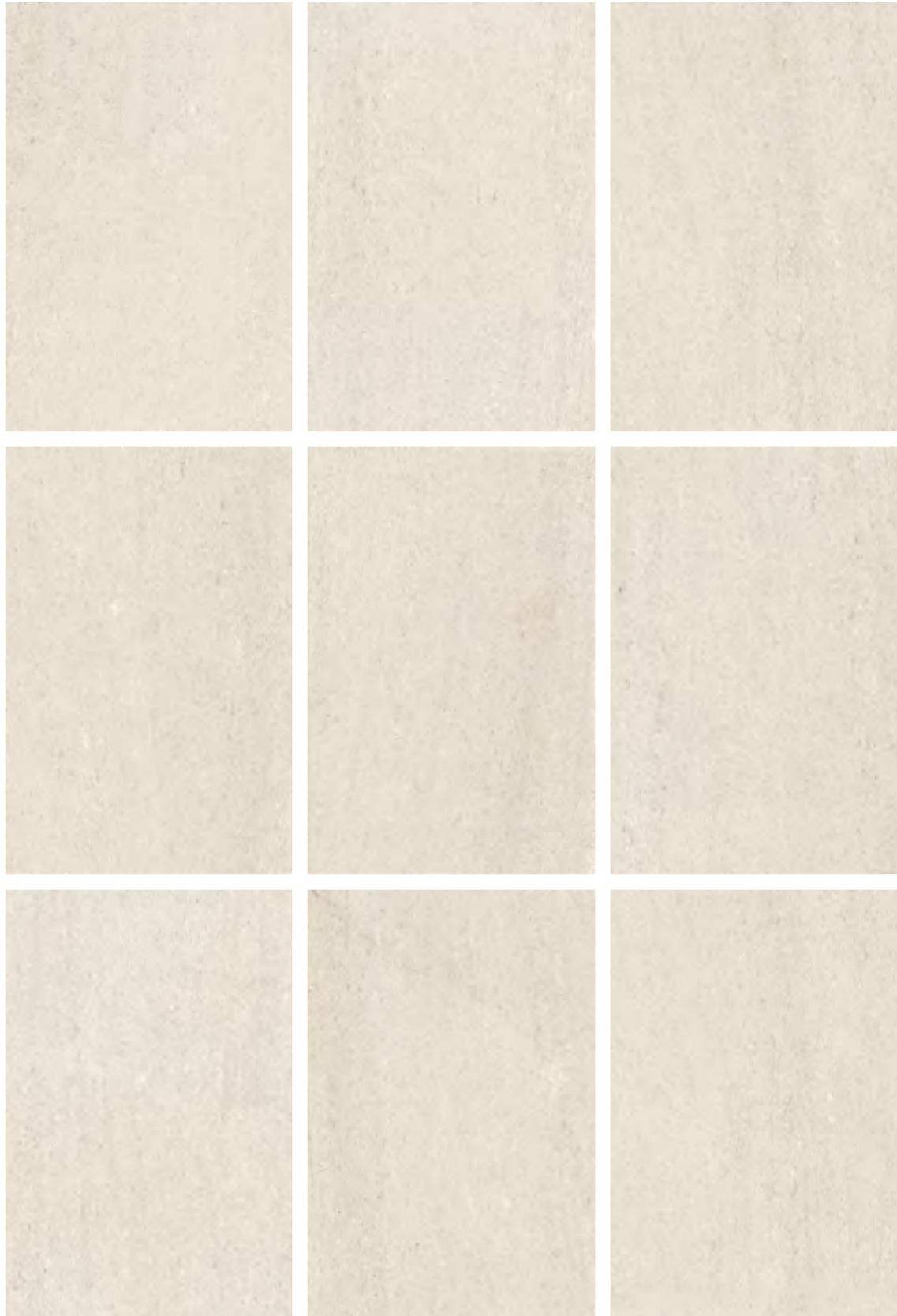
600X600MM

REVOKE GREY



REVOKE

REVOKE BEIGE RANDOM



REVOKE BEIGE



600X900MM

REVOKE GREY



600X900MM



600X600MM



600X600MM

I N D I A N S T O N E

KANDLA GREY

FOSSIL MINT

RAINBOW

SAGAR BLACK 216|217



KANDLA GREY



INDIAN STONE

KANDLA GREY RANDOM



KANDLA GREY



600X900MM



600X600MM



INDIAN STONE

FOSSIL MINT RANDOM



FOSSIL MINT



600X900MM



600X600MM

RAINBOW



INDIAN STONE

RAINBOW RANDOM



RAINBOW



600X900MM

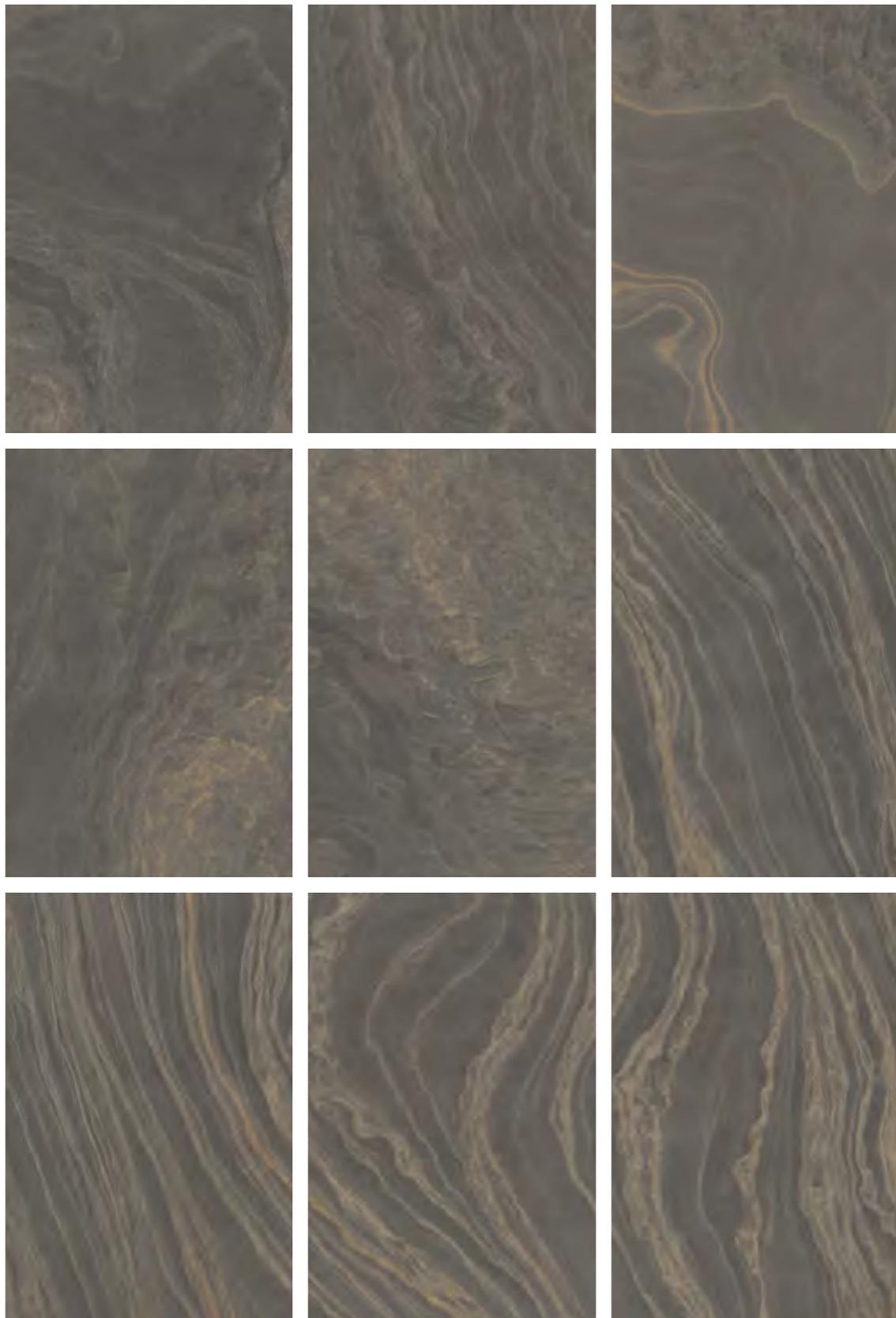


600X600MM



INDIAN STONE

SAGAR BLACK RANDOM



SAGAR BLACK



600X900MM



600X600MM



With Rio Stone, attain the impossible on any surface. Get the effect of a cement surface even on curved areas that too without the disadvantages of cement like surface cracking, discolouring or water seepage.



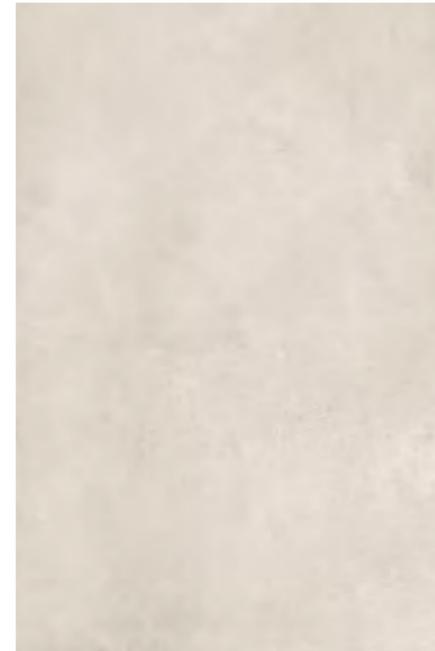




SOUL STONE GREY RANDOM

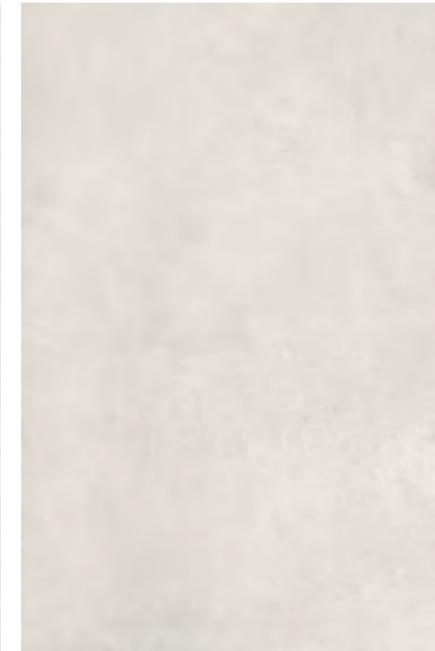


SOUL STONE BEIGE



600X900MM

SOUL STONE ASH

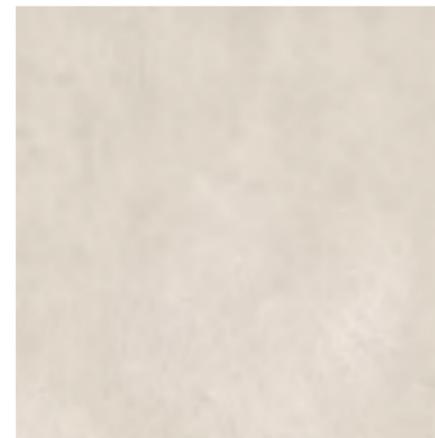


600X900MM

SOUL STONE GREY



600X900MM



600X600MM



600X600MM

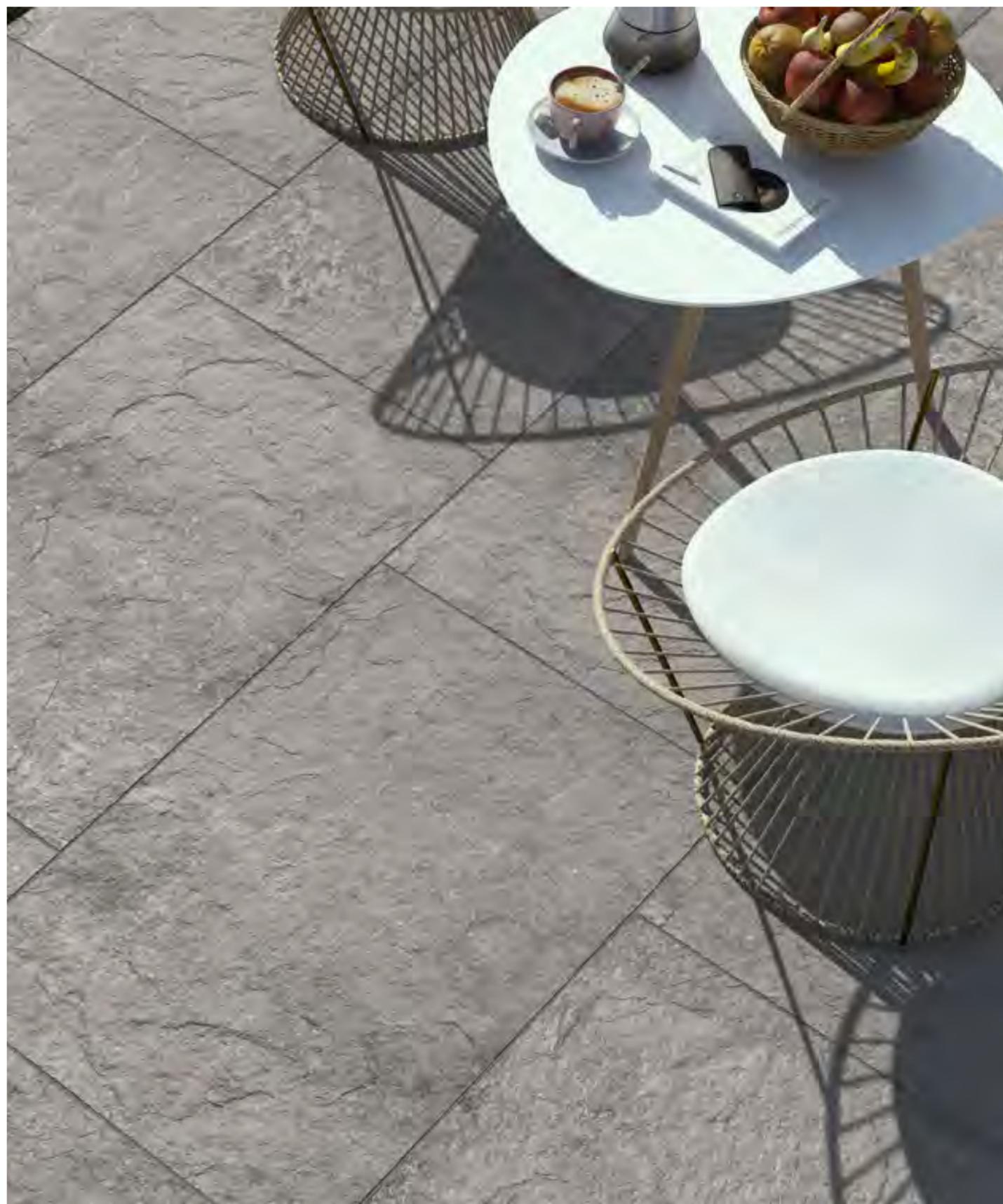


600X600MM



AREZZO

AREZZO DGY



AREZZO LGY



600X900MM

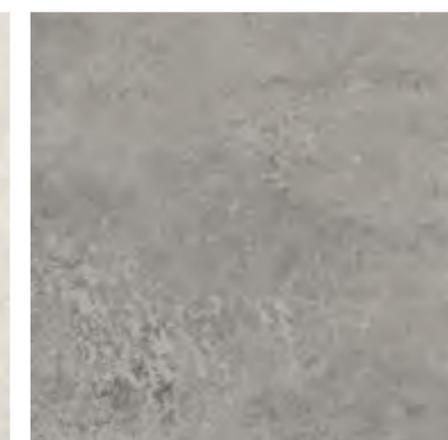
AREZZO DGY



600X900MM



600X600MM



600X600MM

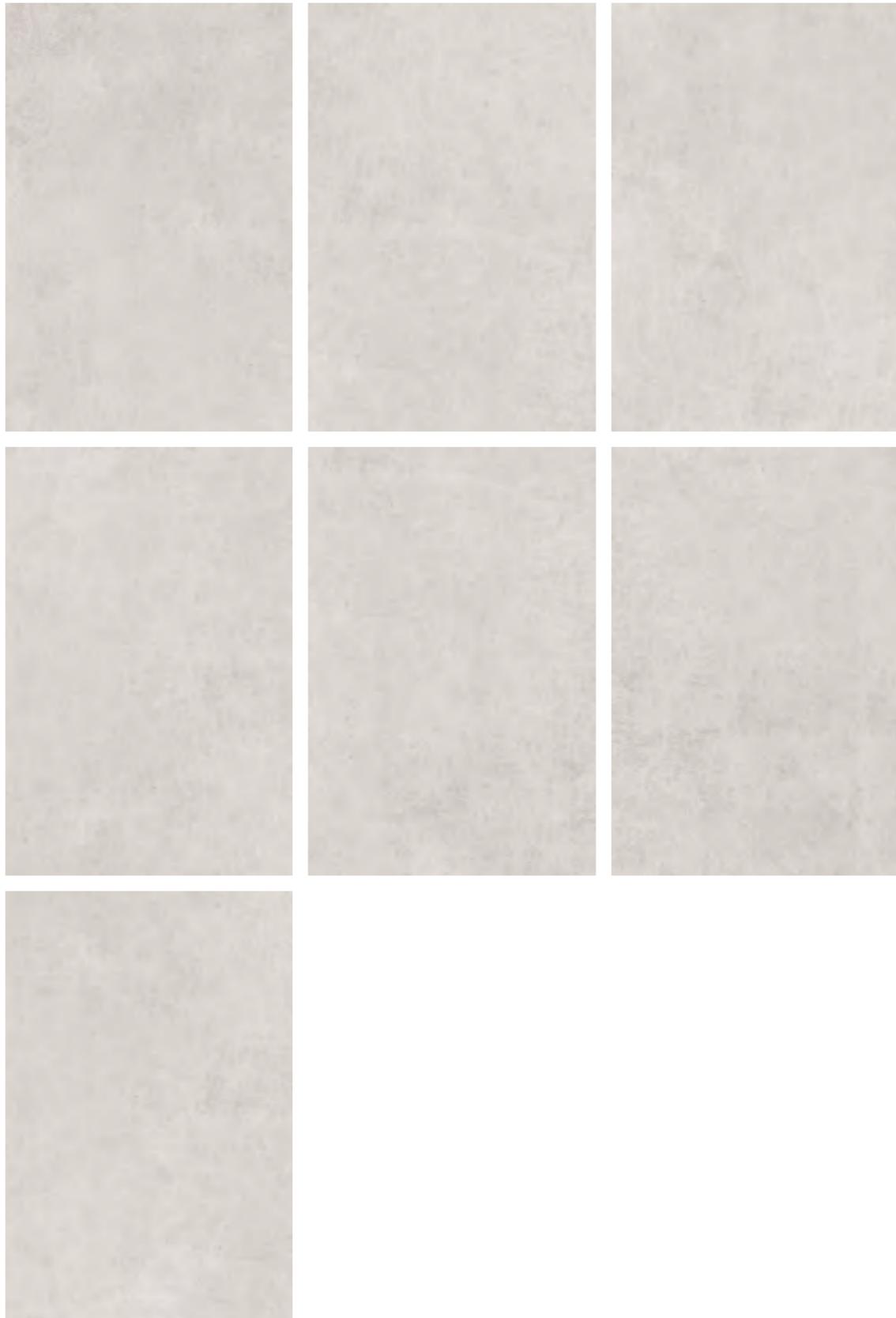


ROCKLAND LGY



ROCKLAND GREY

ROCKLAND LGY RANDOM



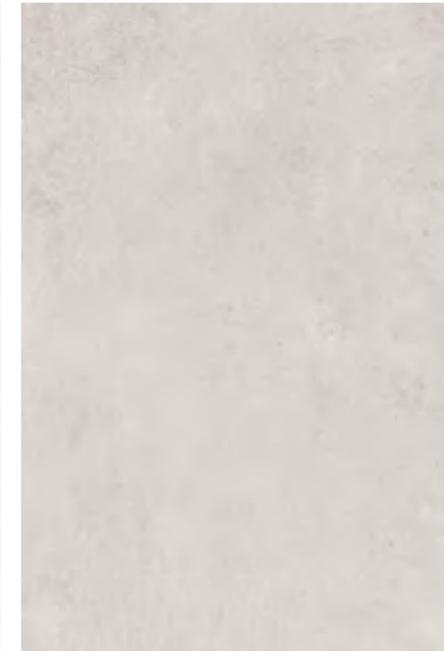
ROCKLAND

ROCKLAND BEIGE



600X900MM

ROCKLAND LGY



600X900MM

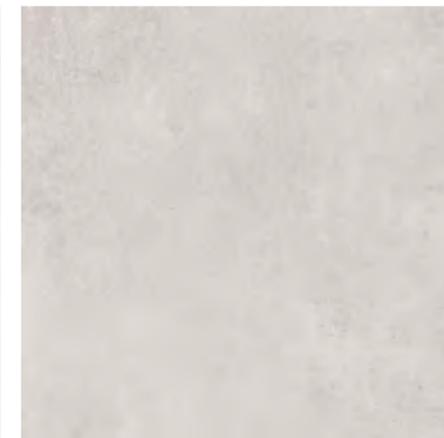
ROCKLAND GREY



600X900MM



600X600MM



600X600MM



600X600MM

ASCOT GREY





ASCOT LIGHT GREY

ASCOT WHITE



ASCOT WHITE RANDOM



ASCOT

ASCOT WHITE



600X900MM

ASCOT LIGHT GREY

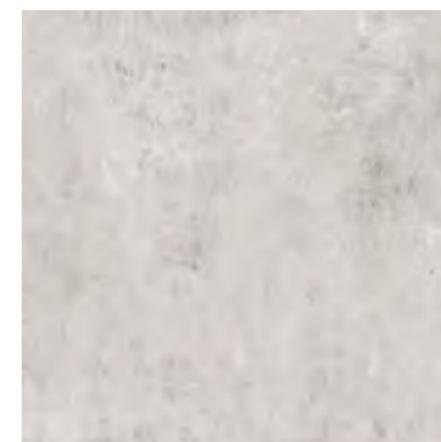


600X900MM

ASCOT GREY



600X900MM



600X600MM



600X600MM



600X600MM

AOSTA GREY

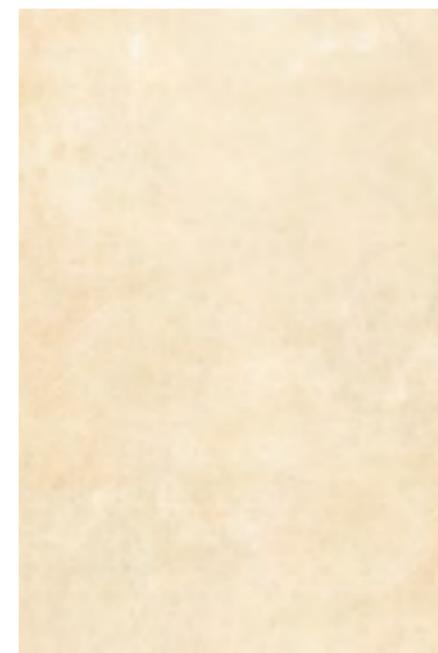


AOSTA



AOSTA WHITE

AOSTA CREMA



600X900MM

AOSTA WHITE



600X900MM

AOSTA GREY



600X900MM



600X600MM



600X600MM



600X600MM

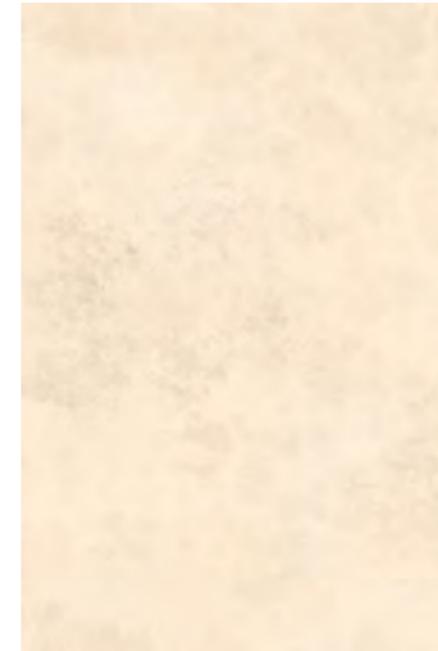
CEMENTINO ASH



CEMENTINO ASH RANDOM



CEMENTINO BEIGE

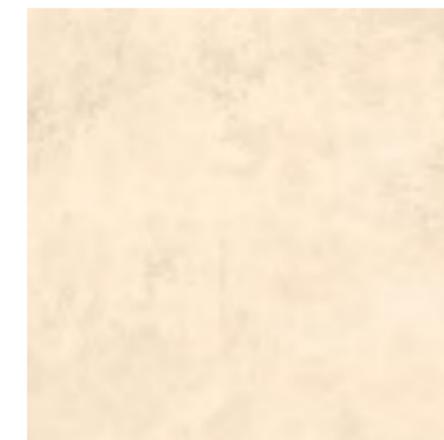


600X900MM

CEMENTINO ASH



600X900MM



600X600MM



600X600MM



CEMENTINO GREY

CEMENTINO GREY RANDOM



CEMENTINO GREY



600X900MM

CEMENTINO NERO



600X900MM



600X600MM



600X600MM

LIME STONE GREY

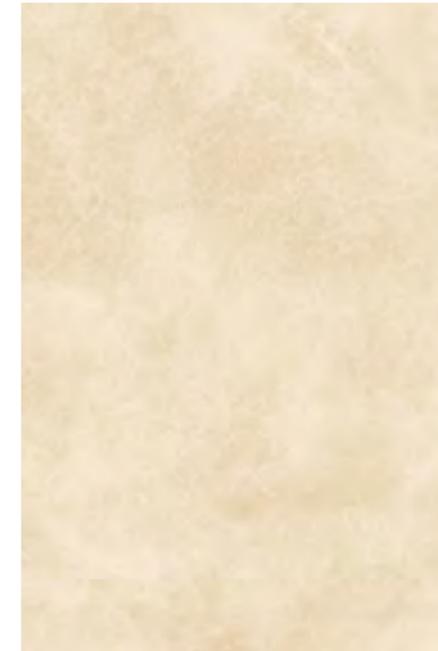




LIME STONE IVORY

LIME STONE

LIME STONE IVORY



600X900MM

LIME STONE GREY



600X900MM



600X600MM



600X600MM



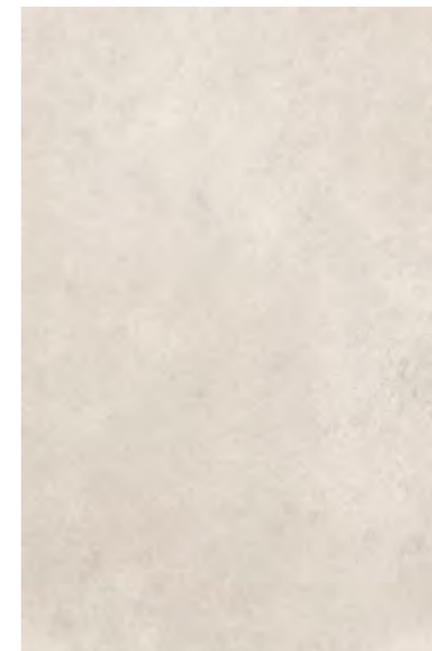
CEMENTRUM GREY



CEMENTRUM BEIGE

CEMENTRUM

CEMENTRUM BEIGE

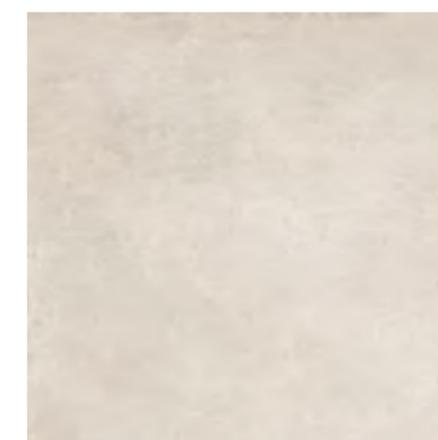


600X900MM

CEMENTRUM GREY



600X900MM



600X600MM



600X600MM

BRONTE TAUPE

BRONTE TAUPE







BRONTE CREMA RANDOM



BRONTE

BRONTE CREMA



600X900MM

BRONTE TAUPE



600X900MM

BRONTE GREY



600X900MM



600X600MM



600X600MM



600X600MM

TECHNICAL CHARACTERISTICS

Sr. No:	TEST CONDUCTED	TEST RESULT	TEST REQUIREMENTS AS PER IS 15622 : 2006	REMARK
1	Water absorption (% by mass)	Average : 0.17	-	Based on the results of water absorption the tested tiles conformed to Gr. B Ib (0.08% ≤ 3%) of IS 15622 : 2006, Further test results were delivered as per requirements of Gr. B Ib
2	Modulus Of Rupture (MOR) N/mm ² Span Length = 580 mm Average thickness of the tiles measured = 19.81 mm	Average : 39.0 N/MM ²	(Gr. B Ia) Average 38 N/mm ² Individual 35 N/mm ² Minimum	Passed the test
3	Breaking Strength (N) Span Length = 580 mm Average thickness of the tiles measured = 19.81 mm	Average : 8090.0 N	(Gr. B Ia) For thickness > 7.5 mm 1200 N minimum	Passed the test
4	Scratch Hardness Surface (Mohs' scale)	No. 7	(Gr. B Ia) For commercial application 6 minimum, Home application 5 minimum	Passed the test
5	Thermal Shock Resistance	None of the tiles as tested showed any defects on surface at the end of the 10th cycle.	(Gr. B Ia) Tiles specimens should not show any visible defect when subjected to thermal shock resistance test as per test method IS 13630 : 2006 (Part 5) with immersion	Passed the test
6	Bulk Density (gm/cc)	Average : 2.302	IS 13630 (Part 2) : 2006	
7	Co-efficient of Thermal Expansion from ambient Temperature to 100oC	L = 4.4956 (10 ⁶ K ⁻¹) B = 4.6883 (10 ⁹ K ⁻¹)	-	Passed the test
8	Straightness of Sides (facial sides) The maximum deviation from straightness in percent related to the corresponding work sizes	± 0.05 % (Max) ± 0.08 % (Max)	(Gr. B Ia) S > 410 cm ² ± 0.1 %	Passed the test
9	Rectangularity The maximum deviation from straightness in percent related to the corresponding work sizes	± 0.10 % (Max) ± 0.10 % (Max)	± 0.1 %	Passed the test
10	Surface Flatness The maximum deviation from flatness in percent (a) Centre of curvature related to diagonal calculated from work size. (b) Edge of curvature related to the corresponding work size (c) Warpage related to the diagonal calculated from the Work Size	± 0.17 % (Max) + 0.10 % (Max) ± 0.14 % (Max) ± 0.09 % (Max) ± 0.06 % (Max)	± 0.2 % ± 0.2 % ± 0.2 %	Passed the test Passed the test Passed the test
11	Chemical resistance Five test specimens were treated with following solns. (a) Centre of curvature related to diagonal calculated from work size. (b) Edge of curvature related to the corresponding work size (c) Warpage related to the diagonal calculated from the Work Size Five test specimens were treated with following solns. 1. Household Chemicals a) Ammonium Chloride soln. (100 gm/l) b) Standard cleaning Agent soln., (as per procedure) 2. Swimming pool salts a) Sodium Hypochlorite Soln. (20 mg / l) b) Copper Sulphate Soln. (20 mg / l) 3. Acids a) Hydrochloric acid Soln. 3 % (v/v) b) Citric acid Soln. (200 mg / l) 4. Alkali Potassium hydroxide soln., (200 mg / l)	± 0.17 % (Max) ± 0.10 % (Max) ± 0.14 % (Max) ± 0.09 % (Max) ± 0.06 % (Max) No visual changes observed after immersion for 6 hrs., pencil lines removed with soft dry cloth. No visual changes observed after immersion for 6 hrs., pencil lines removed with soft dry cloth. No visual changes observed after immersion for 6 hrs., pencil lines removed with soft dry cloth. No visual changes observed after immersion for 6 hrs., pencil lines removed with soft dry cloth. No visual changes observed after immersion for 6 hrs., pencil lines removed with soft dry cloth. No visual changes observed after immersion for 6 hrs., pencil lines removed with soft dry cloth. No visual changes observed after immersion for 6 hrs., pencil lines removed with soft dry cloth.	± 0.2 % ± 0.2 % ± 0.2 % " Class - AA " min. " Class - AA " min. " Class - AA " min. " Class - AA " min. Conformed to "Class-AA" Conformed to "Class-AA" Conformed to "Class-AA" Conformed to "Class-AA" Conformed to "Class-AA" Conformed to "Class-AA" Conformed to "Class-AA"	Passed the test Passed the test Passed the test Conformed to "Class-AA" Conformed to "Class-AA" Conformed to "Class-AA" Conformed to "Class-AA" Conformed to "Class-AA" Conformed to "Class-AA" Conformed to "Class-AA"

Sr. No:	TEST CONDUCTED	TEST RESULT	TEST REQUIREMENTS AS PER IS 15622 : 2006	REMARK
12	Skid Resistance / Surface Slip Resistance (a) Condi Tile Surface was cleaned thoroughly be wet cloth followed by dry cloth and ensured that the surface is completely clean and dryt the b) Direction of Test 1) Parallel to sides (4 Measurements) 2) Diagonal to sides (4 Measurements)	Coefficient of friction μ 1) 0.83 2) 0.78 3) 0.77 4) 0.79 5) 0.76 6) 0.75 7) 0.76 8) 0.76	As per ISO 10545 Part - 17	-
13	Moisture expansion in(mm / mtr.)	0.00	-	Passed the test
14	Skid Resistance/ Surface Slip Resistance BS EN Standard specification EN:14411 :2016 (Group Bla)		R-11	R-11

PACKING DETAILS (OUTDOOR)

SIZE	WEIGHT / BOX (KG)	PCS / BOX	BOXES / PALLATE	PALLATE / CTN	BOXES / CTN	MT2 / BOX	MT2 / PALLATE	MT2 / CTN	WEIGHT / CTN (KG)
600X900mm (20mm)	23.75	1	42	27	1134	0.54	22.68	612.36	27750
600x600mm (20mm)	32	2	32	26	832	0.72	23.04	599.04	27404

PACKING DETAILS (PATIOPACK)

SIZE	PCS/ CRAT	MT2/ PCS	MT2/ CRAT (EACH SIZE)	MT ² / CRAT	CRAT / CTN	MT2/ CTN	WEIGHT / CTN (Kg)
600X900mm (20mm)	13	0.54	7.02	14.85	40	594	27750
600x600mm (20mm)	13	0.36	4.68				
600x296mm (20mm)	13	0.18	2.34				
296x296mm (20mm)	9	0.09	0.81				

BOX DESIGN	STANDARD SAFEDA PALLATE	FUMIGATION STAMP
 600x600mm	 1193.80x749.30mm	 IN-533 MB
 600x900mm	 1003.30x749.30mm	 IN-533 MB



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