



G

grand tour

D



a mutaforma collection



T



**Mutaforma
è il brand italiano che
lavora nell’ambito dei
materiali aumentati
a partire dal vetro
grazie all’impiego di
nanotecnologie.
Particelle di dimensioni
nanometriche, con
specifiche proprietà
chimico-fisiche, vengono
depositate su matrici di
vetro cambiandone le
caratteristiche ottiche e
la valenza estetica.
Un nuovo materiale
stratificato, composito,
intelligente con una
vocazione naturale
ad innestarsi in altri
materiali aumentando
le opportunità
d’interazione ed
esperienza:
augmented materials.**

*Mutaforma
is the Italian brand that operates in the field of
augmented materials through the application of
nanotechnology.
Nanometric particles with specific physical and
chemical features, sublimed on the vitreous
surface at molecular level, change the optical
properties of glass and its aesthetic significance.
A new stratified, composite and smart material
with a natural tendency to merge and graft
with other materials to augment experience
and interaction options: augmented materials.*

Manifesto

I materiali della nostra vita rappresentano qualcosa di più della loro funzione pratica. Sono la nostra seconda pelle.

Custodiscono la memoria, sono sempre intorno a noi. Danno forma alle nostre esperienze e sono l'involucro delle nostre emozioni. Costituiscono un incantevole miscuglio tra fascino e funzionalità. Raccontano la nostra storia.

Con l'interesse e l'obiettivo di nutrire queste connessioni, proponiamo e orgogliosamente produciamo in Italia un materiale ad alta tecnologia caratterizzato da proprietà fisiche, accostamenti produttivi e creativi inediti.

Il nostro sguardo è irrequieto, scandagliante e ardito: cerca continuamente di distillare estratti per un nuovo Rinascimento della materia nel primo quarto di Luna del 21° secolo.

Materials in our life mean more than their practical function, they are our second skin.

Materials trigger memories, surround us, shape our experiences and encase our emotions in an enchanting combination of fascination and functionality. Materials tell our story.

Committed to nurturing such connections, we proudly manufacture in Italy a high-tech material characterised by innovative, productive and creative features, taking special care of the sensory and emotional dimensions the material entails.

Our eye is restless, exploratory and dauntless: constantly on the lookout for the essence of a new Renaissance of materials in the first quarter Moon of the 21st century.

Grand Tour

Viaggio in Italia, racconti di luce
A journey to Italy, a tale of light

design by
Gupica

Il Grand Tour era un lungo viaggio intrapreso dall'élite aristocratica e intellettuale europea che aveva come meta prediletta l'Italia. Lo scopo del soggiorno consisteva nell'arricchire la sensibilità del viaggiatore che veniva a contatto con le bellezze storico-artistiche del “bel paese”.

The Grand Tour was a long trip undertaken by young European aristocrats and members of the intellectual elite, Italy being the most cherished destination. The objective of the trip was to enhance the sensitivity of the traveller through the introduction to cultural heritage, such as the arts and history of the “bel paese”.

Gupica

Sedimento antico e progetto contemporaneo è l'esito creativo di ciò che la designer italiana Gupica ha pensato per Mutaforma: un'esperienza culturale e sensoriale narrata attraverso la luce con un materiale proiettato verso il futuro. Le minuscole TILLA® danno vita ad una collezione a geometrie variabili che va dal disegno su larga scala delle viste di paesaggio, fino al disegno di forme ornamentali antiche come elemento di decorazione.

The collection originates from an ancient vision of the natural and architectural landscape based on a mix of images, experiences, thoughts and visual suggestions. TILLA®, the world's smallest glass tessera, made possible for the Italian designer Gupica to create a collection of variable geometries, ranging from large landscape views to tiny antique decoration patterns for the decoration of walls and floors.



In this picture: Grand Tour

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1 Mq di materiale **mutaforma** contiene oltre 26.000 picotessere in vetro TILLA®
1 Sqm of *mutaforma*'s glass skin contains more than 26.000 TILLA® picotesserae

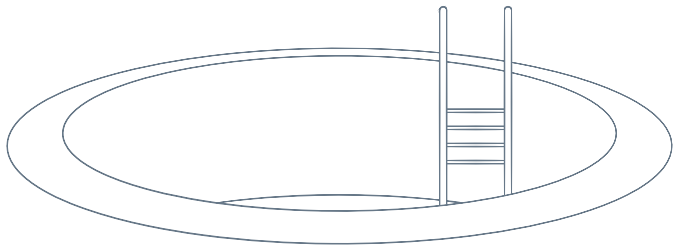
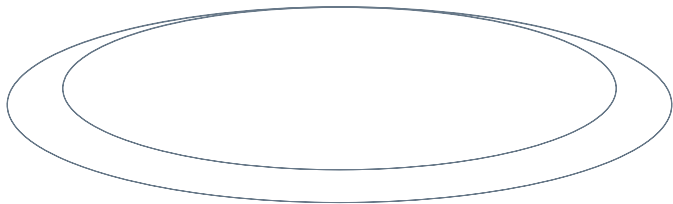
Grand Tour

2 artistic panels / 6 design patterns



In this picture: Grand Tour (premounted panel)

Grand Tour



Grand Tour

dimension:
4608 x 2592 mm
decor:
pearl
suggested grout:
avio tone



**Grand Tour
panel A**

dimension:
2304 x 2592 mm
decor:
pearl
suggested grout:
avio tone

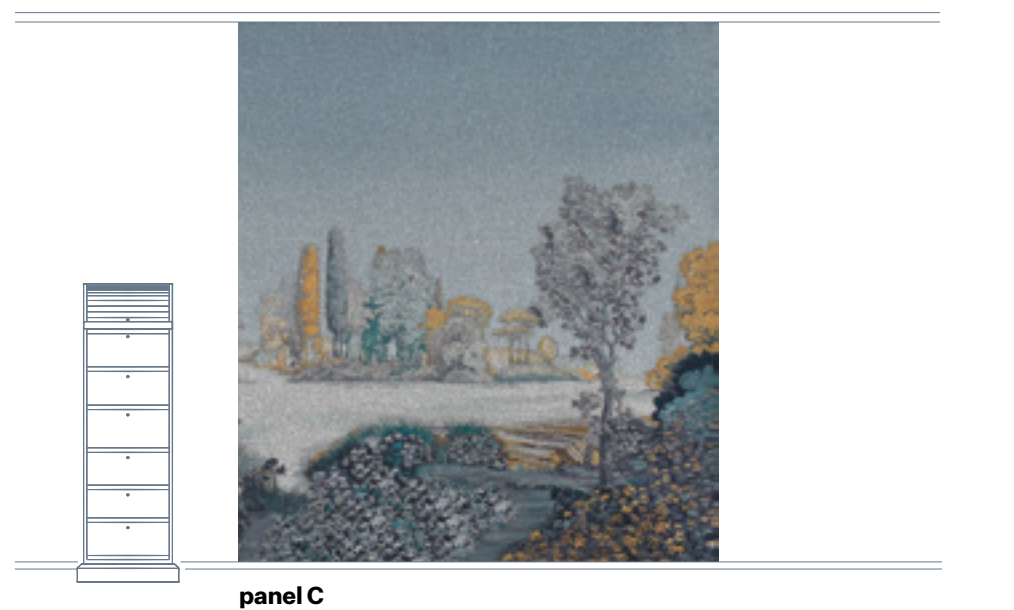
**Grand Tour
panel B**

dimension:
2304 x 2592 mm
decor:
pearl
suggested grout:
avio tone

**Grand Tour
panel C**

dimension:
2304 x 2592 mm
decor:
pearl
suggested grout:
avio tone

In this picture: Grand Tour (wall) and Ravenna grigio verde (floor)





Grand Tour panel D

dimension:
1152 x 2592 mm
decor:
pearl
suggested grout:
avio tone

Grand Tour panel E

dimension:
1152 x 2592 mm
decor:
pearl
suggested grout:
avio tone

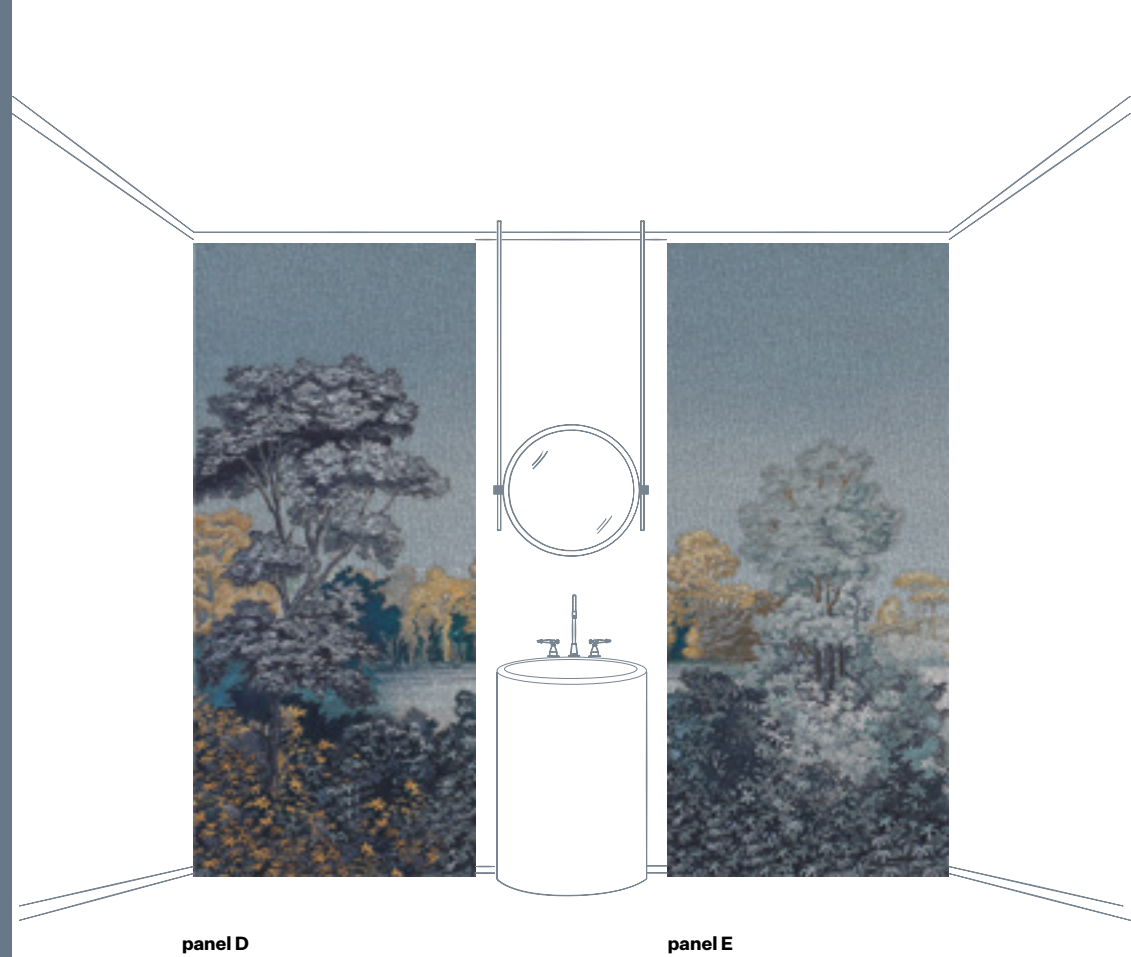
Grand Tour panel F

dimension:
1152 x 2592 mm
decor:
pearl
suggested grout:
avio tone

Grand Tour panel G

dimension:
1152 x 2592 mm
decor:
pearl
suggested grout:
avio tone

In this picture: Grand Tour (wall) and Veneziana grigia (floor)





In this picture: Souvenir de Voyage terra verde (wall)

Souvenir de Voyage



Souvenir de Voyage rosa

dimension:
3456 x 2592 mm
decor:
pearl
suggested grout:
light beige tone



Souvenir de Voyage terra verde

dimension:
3456 x 2592 mm
decor:
pearl
suggested grout:
light beige tone



**Souvenir de Voyage
rosa panel A**

dimension:
2304 x 2592 mm

decor:
pearl

suggested grout:
light beige tone

**Souvenir de Voyage
terra verde panel A**

dimension:
2304 x 2592 mm

decor:
pearl

suggested grout:
light beige tone

In this picture: Souvenir de Voyage rosa (wall)





**Souvenir de Voyage
rosa panel B**

dimension:
2304 x 2592 mm
decor:
pearl
suggested grout:
light beige tone

**Souvenir de Voyage
terra verde panel B**

dimension:
2304 x 2592 mm
decor:
pearl
suggested grout:
light beige tone

In this picture: Souvenir de Voyage rosa (wall)





Souvenir de Voyage rosa panel C

dimension:
1152 x 2592 mm
decor:
pearl
suggested grout:
light beige tone

Souvenir de Voyage terra verde panel C

dimension:
1152 x 2592 mm
decor:
pearl
suggested grout:
light beige tone

Souvenir de Voyage rosa panel D

dimension:
1152 x 2592 mm
decor:
pearl
suggested grout:
light beige tone

Souvenir de Voyage terra verde panel D

dimension:
1152 x 2592 mm
decor:
pearl
suggested grout:
light beige tone

Souvenir de Voyage rosa panel E

dimension:
1152 x 2592 mm
decor:
pearl
suggested grout:
light beige tone

Souvenir de Voyage terra verde panel E

dimension:
1152 x 2592 mm
decor:
pearl
suggested grout:
light beige tone

In this picture: Souvenir de Voyage terra verde (detail)



In this picture: Fiori di vetro (premounted panel)



Fiori di vetro



Fiori di vetro A

dimension:
288 x 288 mm
decor:
warm silver
pearl
suggested grout:
dark gray tone

Fiori di vetro B

dimension:
288 x 288 mm
decor:
warm silver
pearl
suggested grout:
dark gray tone

Fiori di vetro C

dimension:
288 x 288 mm
decor:
warm silver
pearl
suggested grout:
dark gray tone

Fiori di vetro D

dimension:
288 x 288 mm
decor:
warm silver
pearl
suggested grout:
dark gray tone

Fiori di vetro E

dimension:
288 x 288 mm
decor:
warm silver
pearl
suggested grout:
dark gray tone

Formella

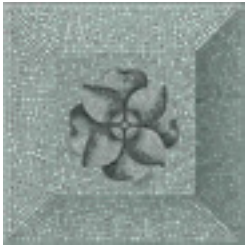
dimension:
288 x 288 mm
decor:
warm silver
pearl
suggested grout:
dark gray tone



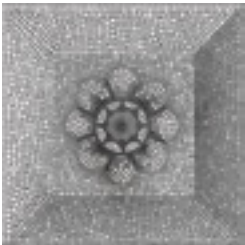
grigio



ocra



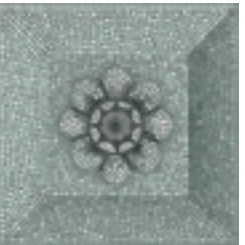
verde



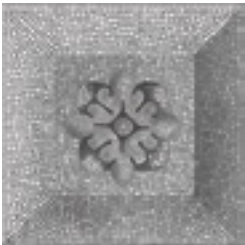
grigio



ocra



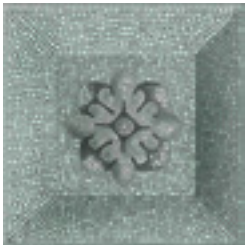
verde



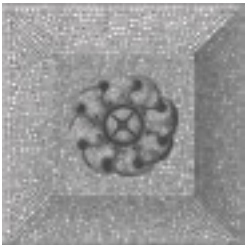
grigio



ocra



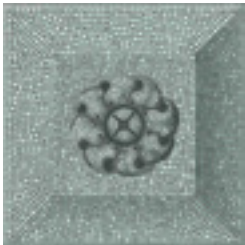
verde



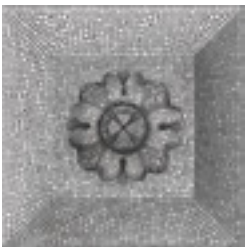
grigio



ocra



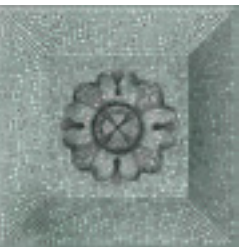
verde



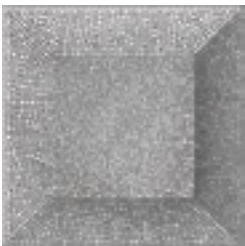
grigio



ocra



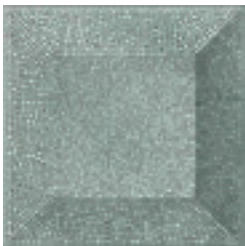
verde



grigio



ocra



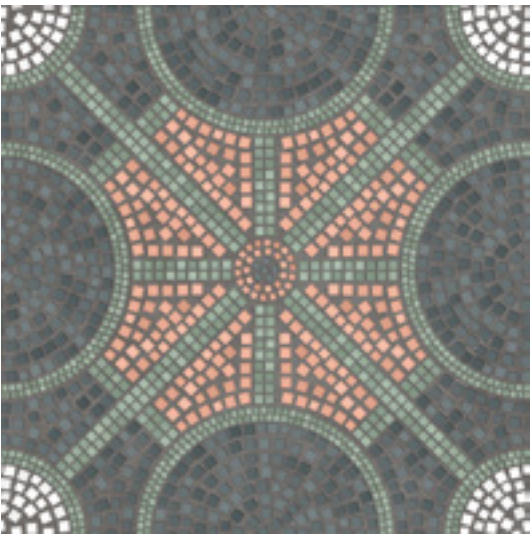
verde

In this picture: Fiori di vetro grigio (wall) and Veneziana grigia (floor)

In this picture: Ravenna rosa (floor)



Ravenna



Ravenna rosa

dimension:
288 x 288 mm
decor:
pearl
suggested grout:
dark grey tone



Ravenna grigio verde

dimension:
288 x 288 mm
decor:
pearl
suggested grout:
dark grey tone

In this picture: Bisanzio ocra (floor)

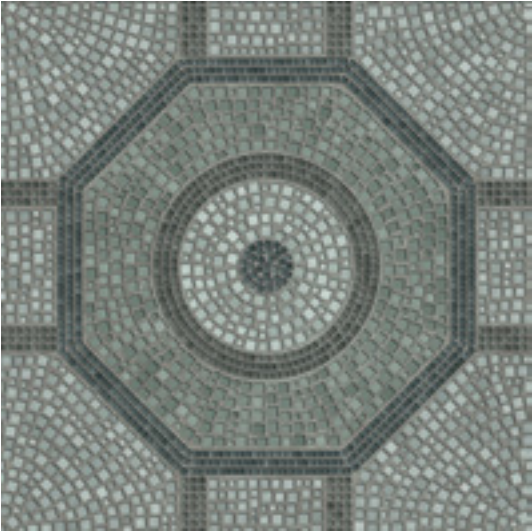


Bisanzio



Bisanzio ocra

dimension:
288 x 288 mm
decor:
pearl
suggested grout:
light beige tone



Bisanzio verde

dimension:
288 x 288 mm
decor:
pearl
suggested grout:
green gray tone

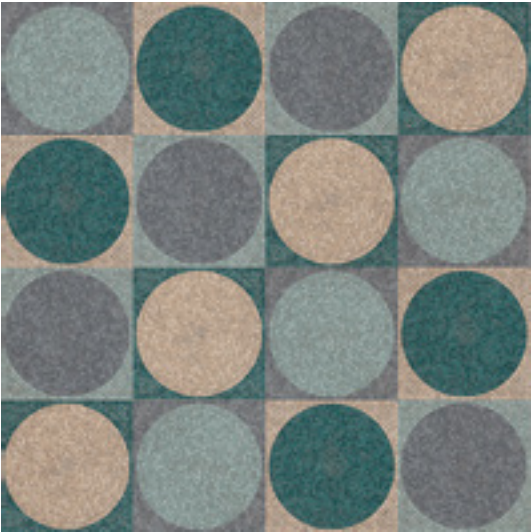
In this picture: Caracalla grigio azzurro (floor) and Souvenir de Voyage rosa (wall)



Caracalla

Caracalla mix

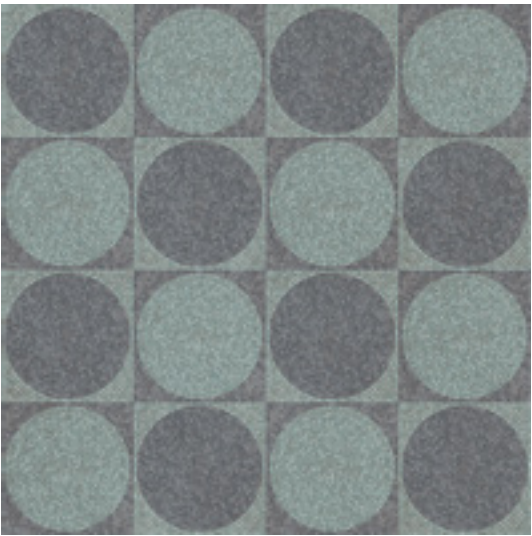
dimension:
1152 x 1152 mm
decor:
pearl
suggested grout:
grey tone



288 mm

Caracalla grigio azzurro

dimension:
1152 x 1152 mm
decor:
pearl
suggested grout:
grey tone



288 mm

Caracalla rosa verde

dimension:
1152 x 1152 mm
decor:
pearl
suggested grout:
grey tone

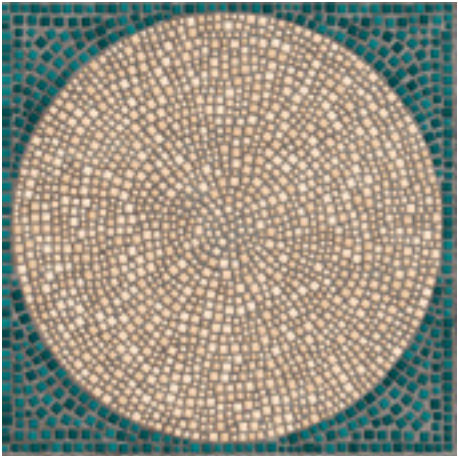


288 mm



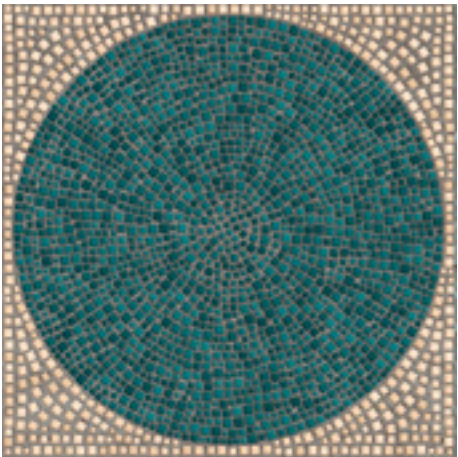
Caracalla rosa

dimension:
288 x 288 mm
decor:
pearl
suggested grout:
grey tone



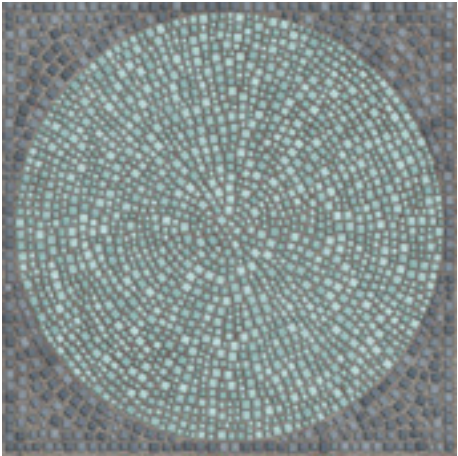
Caracalla verde

dimension:
288 x 288 mm
decor:
pearl
suggested grout:
grey tone



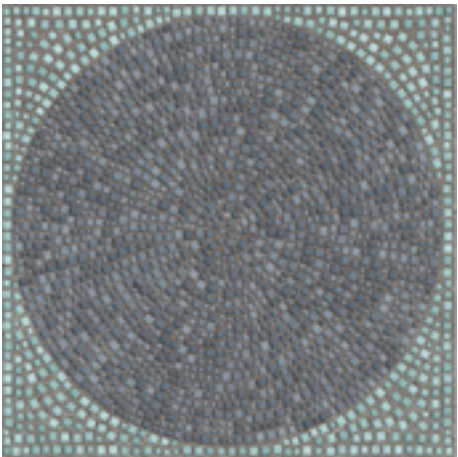
Caracalla azzurro

dimension:
288 x 288 mm
decor:
pearl
suggested grout:
grey tone



Caracalla grigio

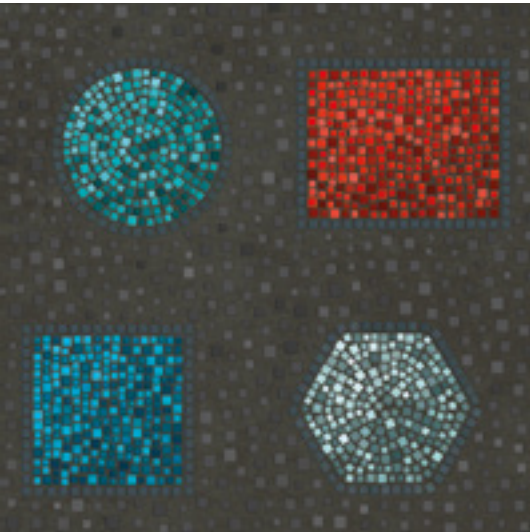
dimension:
288 x 288 mm
decor:
pearl
suggested grout:
grey tone





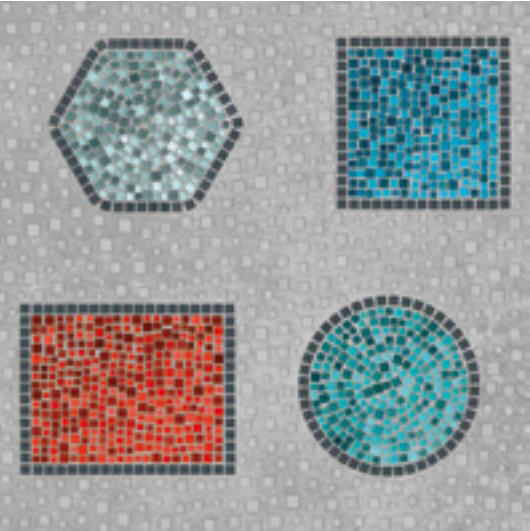
In this picture: Gemme fondo scuro (wall)

Gemme



Gemme fondo scuro

dimension:
288 x 288 mm
decor:
warm silver
pearl
suggested grout:
dark grey tone



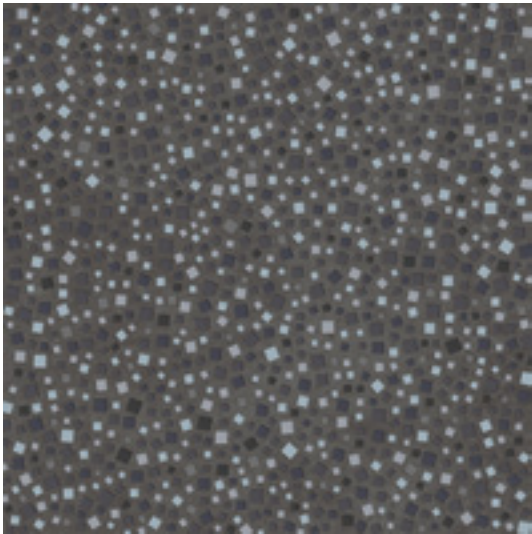
Gemme fondo chiaro

dimension:
288 x 288 mm
decor:
warm silver
pearl
suggested grout:
light grey tone

In this picture: Veneziana petrolio (wall)



Veneziana

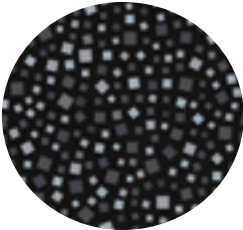


dark grey grout

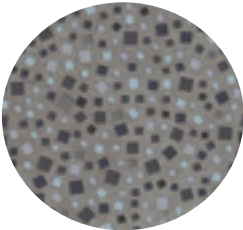
Veneziana grigia

dimension:
288 x 288 mm
decor:
pearl
decor option:
warm silver + pearl
suggested grout:
dark grey tone

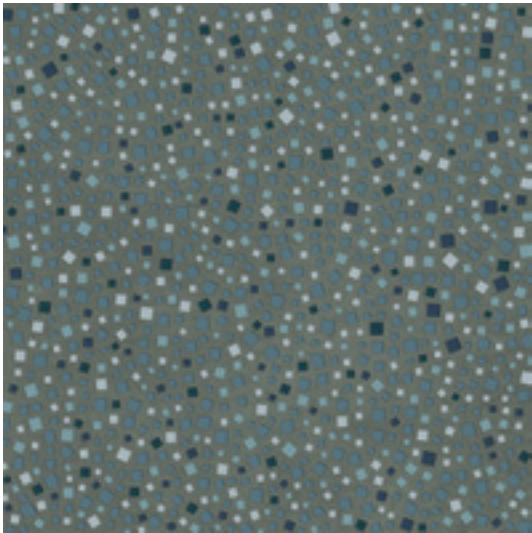
optional color grout



black grout



light grey grout

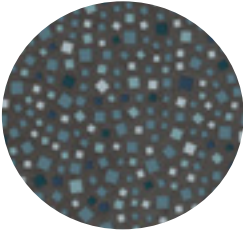


green grey grout

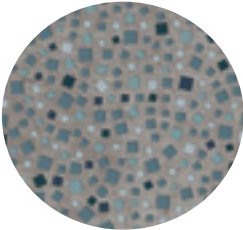
Veneziana petrolio

dimension:
288 x 288 mm
decor:
pearl
decor option:
warm silver + pearl
suggested grout:
green grey tone

optional color grout



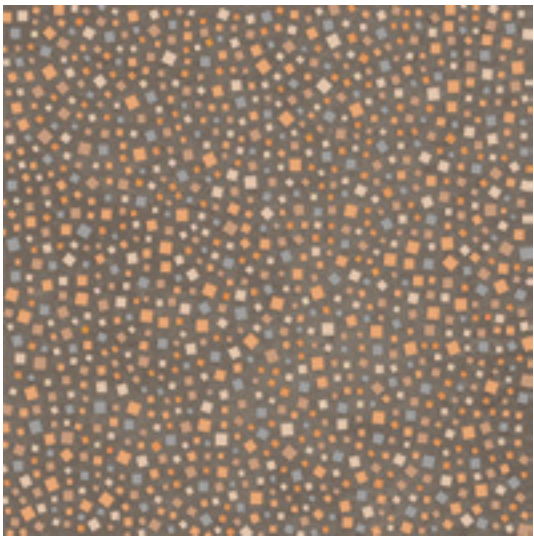
dark grey grout



light gray grout



In this picture: Veneziana sabbia (floor)

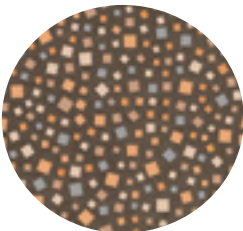


dark sand grout

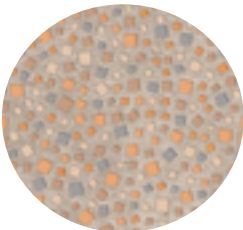
Veneziana rosa

dimension:
288 x 288 mm
decor:
pearl
decor option:
warm silver + pearl
suggested grout:
dark sand tone

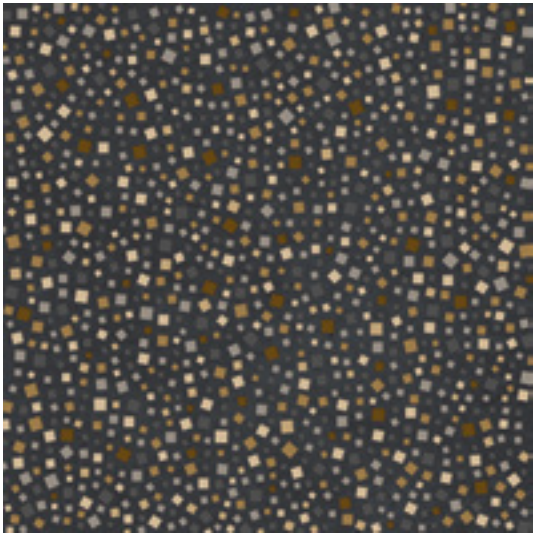
optional color grout



mud grout



light grey grout

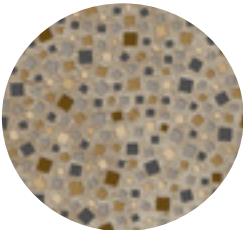


dark grey grout

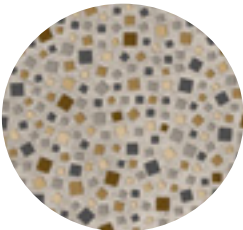
Veneziana sabbia

dimension:
288 x 288 mm
decor:
pearl
decor option:
warm silver + pearl
suggested grout:
dark grey tone

optional color grout



light sand grout



light grey grout



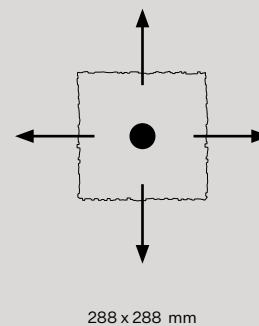
In this picture: Grand Tour (detail)

Formati

Formats

Dimensioni del modulo standard

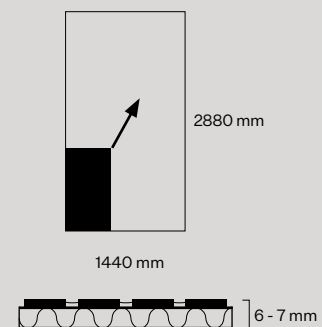
Standard module height



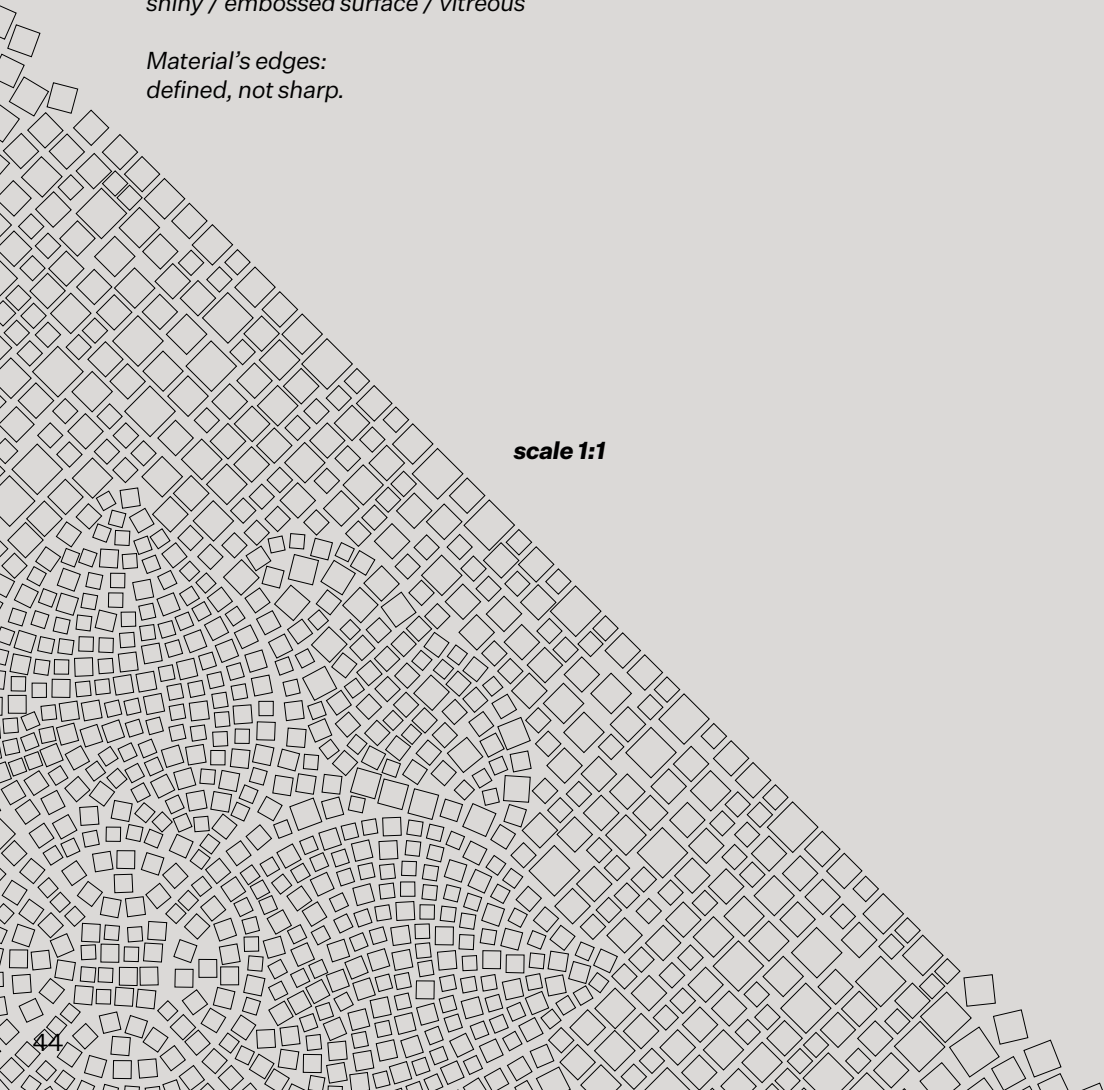
**Design composti da moduli 288 x 288 mm
con incastro univoco “maschio - femmina”.**
Interlocking design modules with puzzle-like joints.

Premontaggio

Premounted panels



**Premontabile su pannello in alveolare d'alluminio
dimensioni max: 1440 x 2880 mm - tot. sp. 6-7 mm.**
*Premounted option available on composite alu panel,
dimensions up to: 1440 x 2880 mm - tot. thickness 6-7 mm.*



Voce di capitolato

Design in picotesseree quadrate TILLA® di vetro extrachiaro da 2 a 7 mm per lato, decorate con nanostrati di pigmenti colorati e metalli, premontate su basi flessibili in resina polimerica ad incastro univoco.

Spessore TILLA®:
1 mm (applicazioni a parete)
(solo per: Grand Tour / Souvenir de Voyage / Fiori di vetro)
2 mm (applicazioni a pavimento)

Caratteristiche estetiche:
brillante / superficie tattile / percezione vitrea

Bordi:
decisi, non taglienti.

Technical description
Designs made of extra clear glass squared picotesserae TILLA® with a 2 up to 7 mm side, decorated with colored and metallic nanolayers and applied on polymeric interlocking flexible base supports.

TILLA® thickness:
1 mm (wall applications)
(only for: Grand Tour / Souvenir de Voyage / Fiori di vetro)
2 mm (floor applications)

Touch and feel:
shiny / embossed surface / vitreous

Material's edges:
defined, not sharp.

Dati tecnici
Technical data

	TILLA® 1 mm	TILLA® 2 mm
		
spessore totale (mm) total thickness (mm)	2,2	3,2
Kg/Mq (approx) Kgs/Sqm (approx)	3	6
decoro a parete wall decor	●	
soffitti piani - volte a botte flat ceilings - barrell vaults	●	
SPA - docce - hammam SPA - showers - hammam	●	
pavimenti a basso traffico low pedestrian traffic floors	Ø	●
pavimenti ad alto traffico high pedestrian traffic floors	Ø	Ø
vasche d'acqua water basins	contattaci contact us	
n. moduli/Mq modules/Sqm	~ 12	~ 12
n. moduli/box modules/box	25	17
fuga tra moduli (mm) joints between modules (mm)	< 0,1	< 0,1
spessore collante (mm) glue thickness (mm)	0,5	0,5
tipologia collante glue type	epossidico bicomponente epoxy bicomponent	
tipologia stucco grout type	epossidico bicomponente epoxy bicomponent	

Informazioni tecniche

Technical info



Prestazioni

I prodotti in collezione sono sviluppati per applicazioni decorative in interni o in ambienti esterni protetti dalle intemperie.

I moduli mutaforma consentono tempi di posa inferiori rispetto ai sistemi tradizionali grazie ai bordi tagliati a laser che garantiscono un incastro “maschio - femmina” prespaziato agevolando il lavoro di posa.

Lo spessore di pochi millimetri rende il materiale mutaforma idoneo per essere posato anche su superfici esistenti opportunamente rasate.

Il ridotto peso al mq garantisce vantaggi nel trasporto ed evita lo scivolamento del materiale nella posa in verticale.

Material performances

These products are suitable for decorative interior applications and sheltered exterior uses.

Mutaforma’s hypertechnological support modules guarantee optimized laying time thanks to the puzzle-like joints technology that permits to ease the installers.

Being only a few millimeters thick, mutaforma’s material can be laid directly on existing levelled surfaces.

The limited weight per square meter grants advantages in transportation and handling costs and avoids vertical slip while laying.



Per una posa a regola d’arte

1. Controllare che il sottofondo sia perfettamente liscio, coeso, maturato e privo di asperità. Il materiale mutaforma è copiativo al pari di una carta da parati.

2. Stendere il giusto spessore di collante tramite l’apposita spatola dentata fornita in dotazione. Controllare lo spessore del collante.

3. Consultare le mappe di posizionamento e il manuale di posa contenuti nella confezione. Video: **[vimeo.com/mutaforma/laying](https://www.vimeo.com/mutaforma/laying)**

Le operazioni di taglio devono essere effettuate con disco diamantato o waterjet.

The perfect laying

1. The substrate must be perfectly smooth, cohesive and well dried. Avoid bumps and dips: mutaforma’s material behaves like a decorative wallpaper.

2. Spread the right quantity of glue using the specific spatula. Mutaforma’s material requires only a thin layer of glue.

*3. Follow the enclosed manuals and data sheets. Watch the video: **[vimeo.com/mutaforma/laying](https://www.vimeo.com/mutaforma/laying)***

Cuts can be made with diamond disc or waterjet.



Pulizia ordinaria

Utilizzare un panno pulito imbevuto di un comune detergente domestico per vetro o una miscela di acqua calda e alcol. Detergenti e panni abrasivi potrebbero opacizzare il vetro. Non utilizzare sostanze acide o corrosive.

Daily cleaning

Use a soft cloth imbued with a domestic glass-cleaner or a mixture of hot water and alcohol. Abrasive products may matt glass. Do not use acid or corrosive detergents.



Illuminazione ottimale

La brillantezza del materiale viene esaltata da sorgenti luminose frontali quali: finestre, spot e luci diffuse. Si sconsiglia l’uso di luci radenti.

Lighting tips

Material brightness is enhanced by frontal lighting sources such as: windows, diffused lights, focused spotlight. Avoid grazing lights.



Scivolosità in ambienti umidi

Classe di resistenza: R 10 (DIN 51130:2004)

Per maggiori informazioni tecniche: tech@mutaforma.com

Slipperiness in humid enviroments

Resistance class: R 10 (DIN 51130:2004)

For more info, please contact: tech@mutaforma.com

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#augmentedmaterials
#tilla



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