

# eometro

The contemporary style of Geometro features innovative geometric patterns, in a trendy color palette, which are key to the modern look.

Made from 98% pre-consumed recycled glass. Tiles are mounted on a 96% pre-consumed material including both the mesh & glue. Lead-Free. Non-Toxic. No VOC off-gassing. Crafted entirely from recycled glass that is ground to fine powder and molded under extreme pressure and heat.

NSR Curated Collection offers eleven original stock patterns in various color blends, and nine Hexagon and Square solid colors in a matte finish.

Our first generation is made of a cast recycled glass with smooth edges, and our new collection offers a rectified recycled glass, a near-perfect straight edge with a flat surface.

NSR special-order program spans to 129 striking colors, and 60 shapes in both matte and polish finishes. Find your inspiration on a picture, fabric swatch, or a magazine cut-out. Geometro glass tiles welcome mixing and matching colors and finishes transforming any inspiration into a custom design.

Our experienced team is available to navigate your material selection, and fully understand your design intent.







20 TULLE Classic • Country • Coastal



04 HIGHLAND
Bristol • Preston • Lancaster



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7 DISPLAY OPTIONS

## **PYTHON**

### MATERIAL

RECTIFIED RECYCLED GLASS

### **FINISH**

MATTE

### **SF/SHEET** 1.03

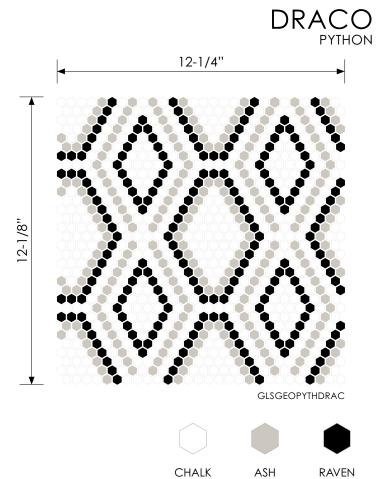
### **SF/CASE** 10.30

### CASE QUANTITY 10 PCS

### PC SIZE

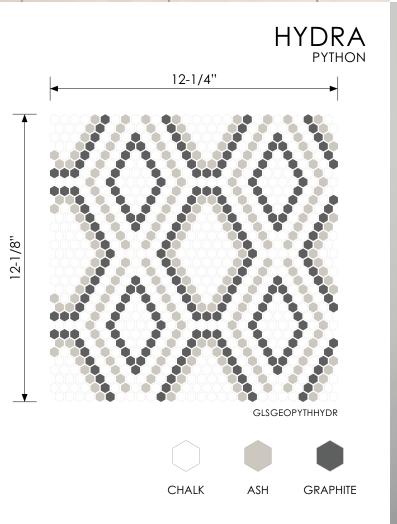




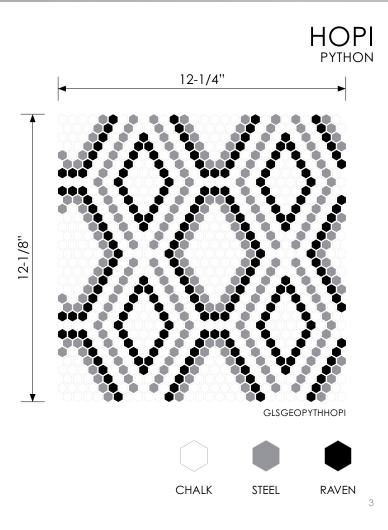












## HIGHLAND

### MATERIAL

RECTIFIED RECYCLED GLASS

### **FINISH**

MATTE

### SF/SHEET

1.56

### SF/CASE

15.60

### **CASE QUANTITY**

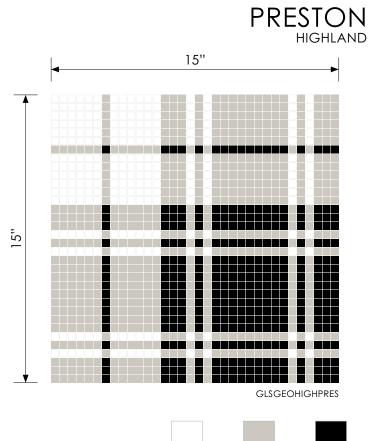
10 PCS

### PC SIZE



3/8"





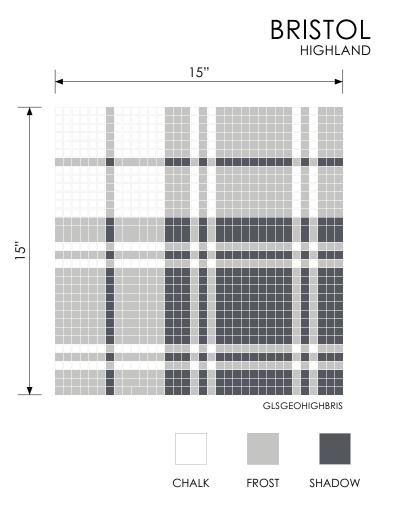
CHALK

RAVEN

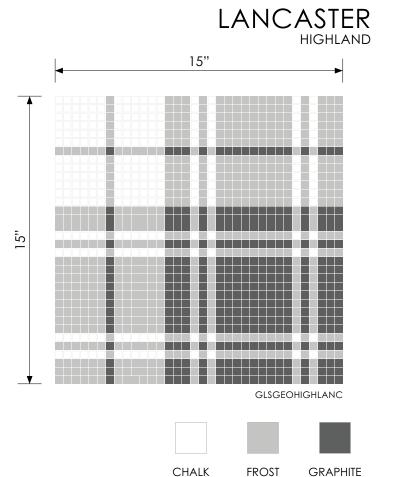
ASH











## MISSONI

MATERIAL

RECTIFIED RECYCLED GLASS

**FINISH** 

MATTE

SF/SHEET

0.67

SF/CASE

6.70

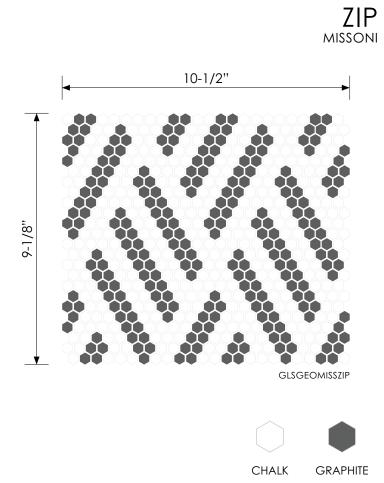
**CASE QUANTITY** 

10 PCS

PC SIZE

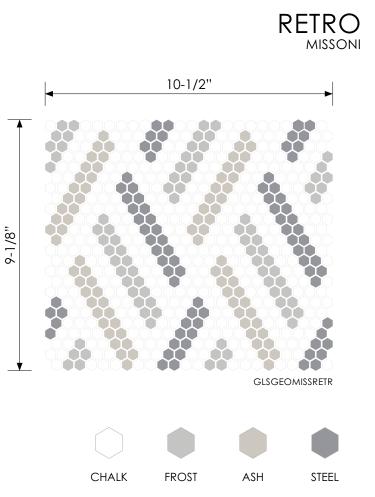




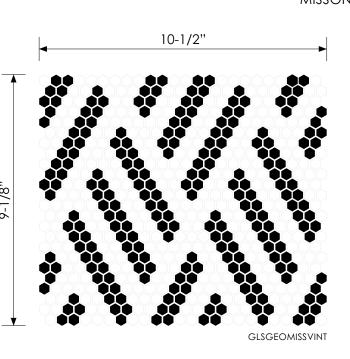














### HYGGE

MATERIAL

RECTIFIED RECYCLED GLASS

**FINISH** 

MATTE

**SF/SHEET** 0.75

SF/CASE

7.50

**CASE QUANTITY** 

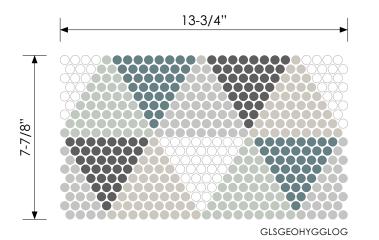
10 PCS

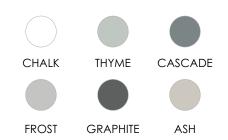
PC SIZE



1/2"

### LOG HYGGE





### BARCODE

MATERIAL

RECTIFIED RECYCLED GLASS

**FINISH** 

MATTE

SF/SHEET

0.98

SF/CASE

9.80

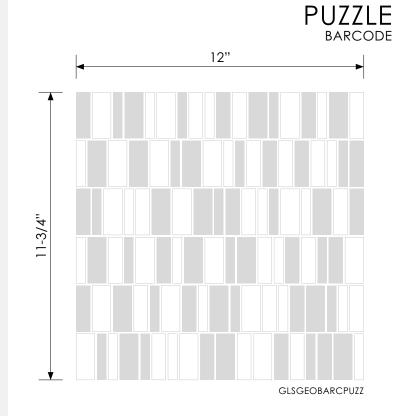
**CASE QUANTITY** 

10 PCS

PC SIZE

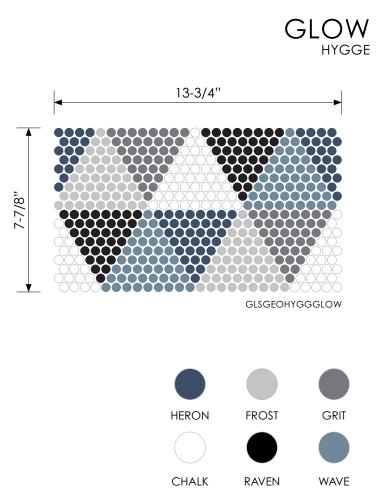




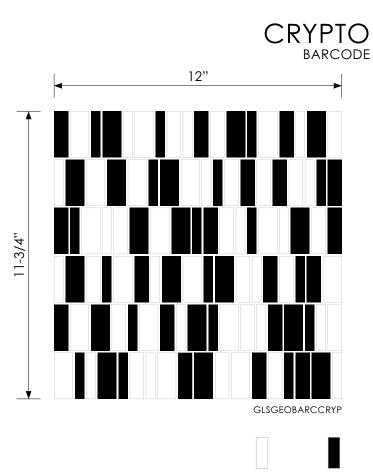


CHALK

ICE







**RAVEN** 

**CHALK** 



## **AMIENS**

MATERIAL

RECYCLED GLASS

**FINISH** 

MATTE

SF/SHEET 1.09

SF/CASE

7.63

**CASE QUANTITY** 

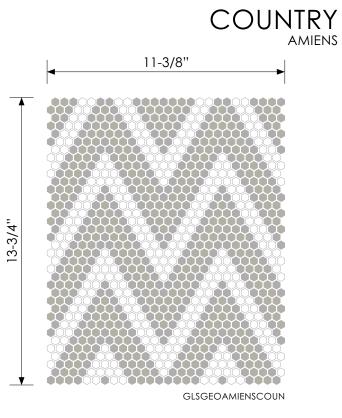
7 PCS

PC SIZE



3/8"







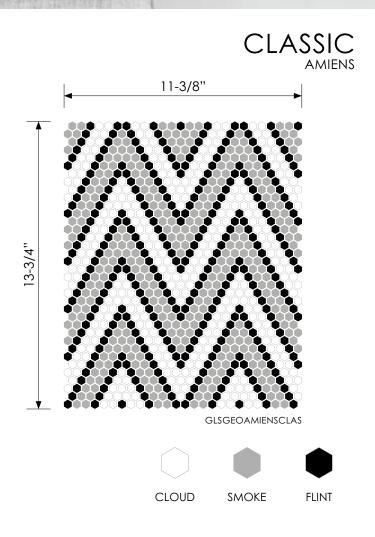
CLOUD



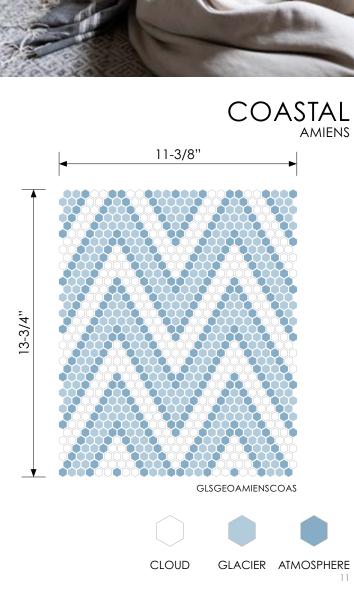












## BAYEUX

MATERIAL

RECYCLED GLASS

FINISH MATTE

**SF/SHEET** 0.97

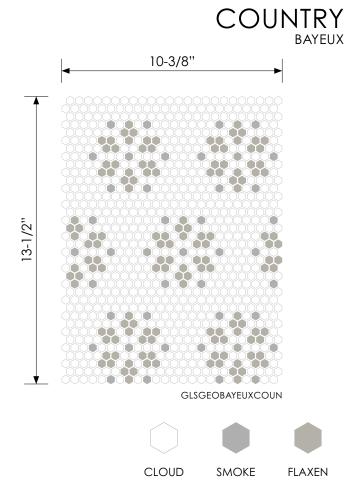
SF/CASE 6.79

**CASE QUANTITY** 7 PCS

PC SIZE

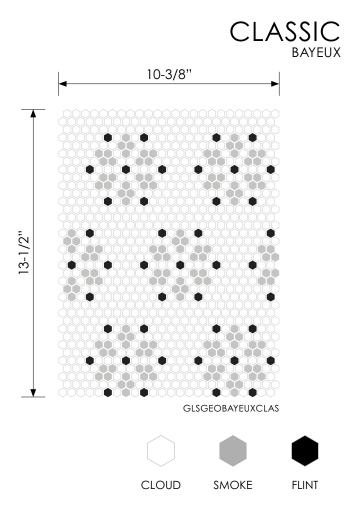




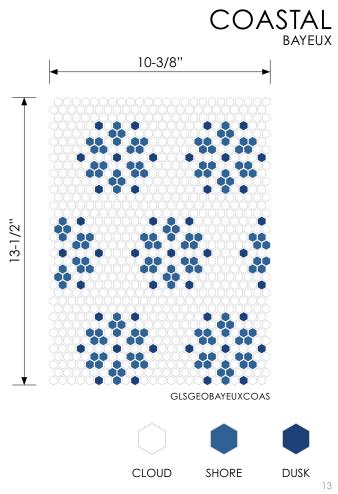












## **BELFORT**

MATERIAL

RECYCLED GLASS

**FINISH** MATTE

SF/SHEET

1.05

SF/CASE

7.35

**CASE QUANTITY** 

7 PCS

PC SIZE



3/8"



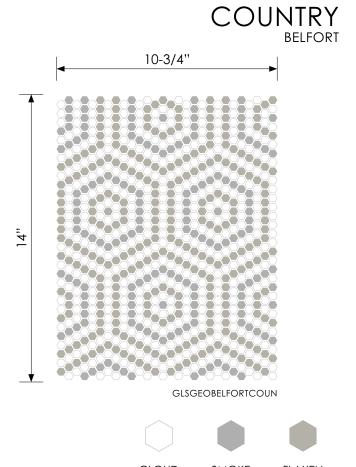
10-3/4"

GLSGEOBELFORTCLAS

**SMOKE** 

FLINT

CLASSIC

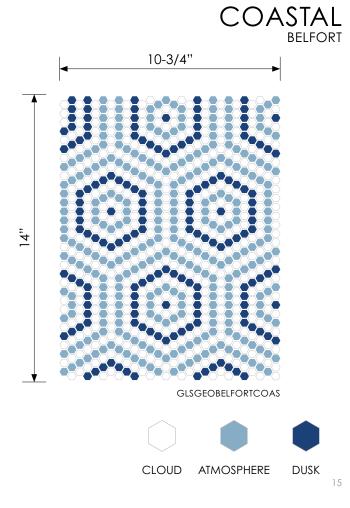












## BOURGES

MATERIAL

RECYCLED GLASS

**FINISH** 

MATTE

**SF/SHEET** 1.13

SF/CASE

7.91

CASE QUANTITY

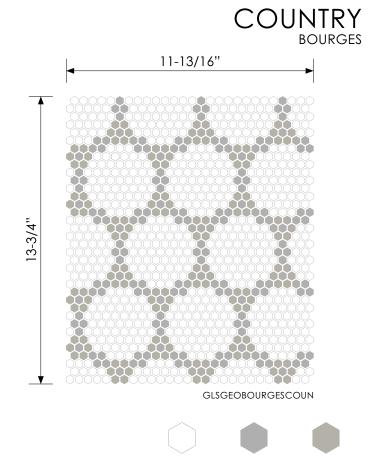
7 PCS

PC SIZE



3/8"



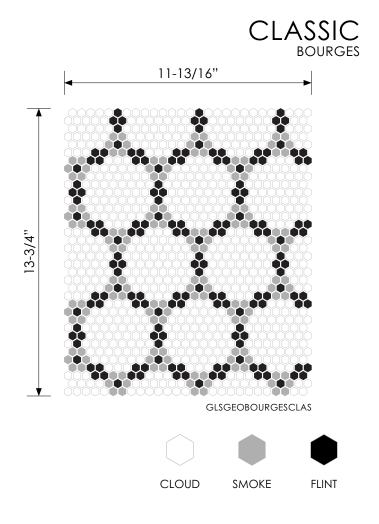


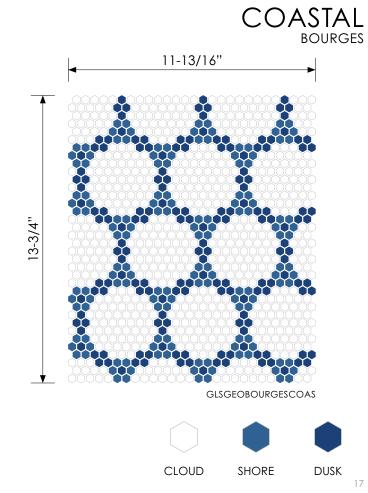
FLAXEN











### DIJON

MATERIAL

RECYCLED GLASS

**FINISH** 

MATTE

SF/SHEET

SF/CASE

7.91

**CASE QUANTITY** 

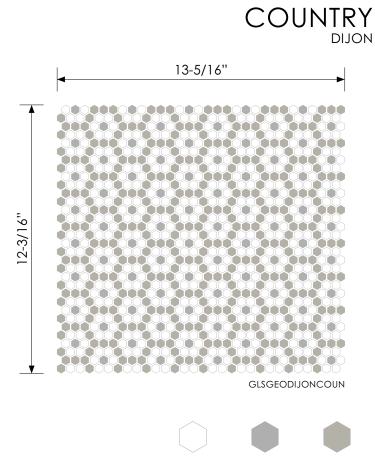
7 PCS

PC SIZE



2/0



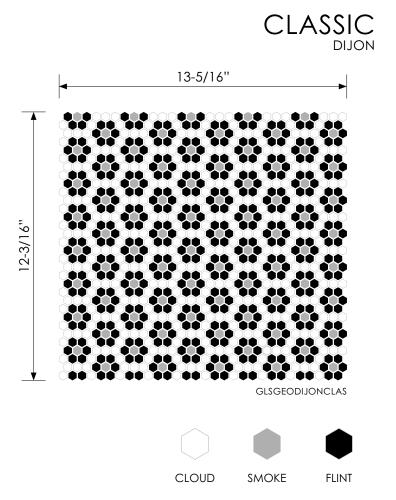


SMOKE

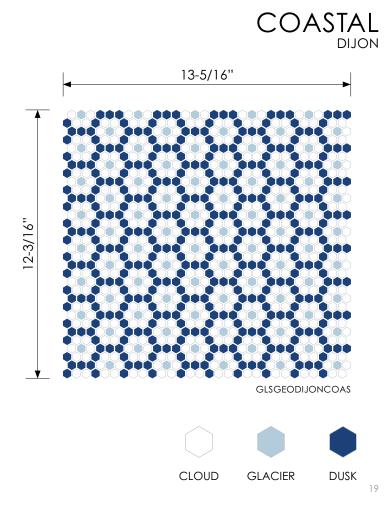
**FLAXEN** 











## **TULLE**

MATERIAL RECYCLED GLASS

FINISH MATTE

**SF/SHEET** 0.94

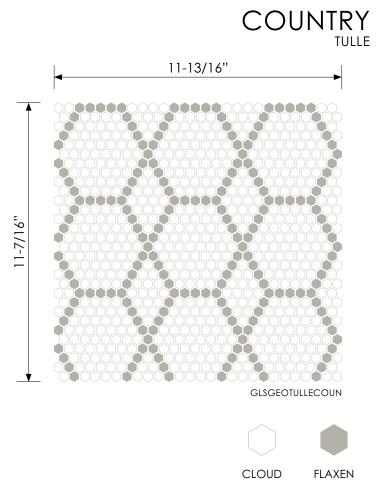
SF/CASE 6.58

**CASE QUANTITY** 7 PCS

PC SIZE

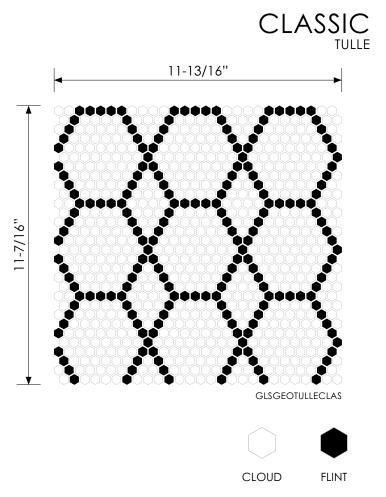




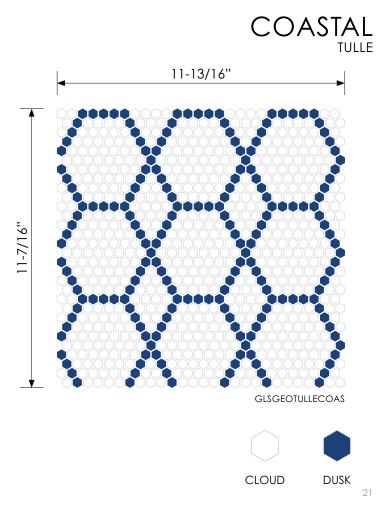












## SOLID SQUARE

MATERIAL

RECTIFIED RECYCLED GLASS

**FINISH** 

MATTE

SF/SHEET

1.00

SF/CASE

10.00

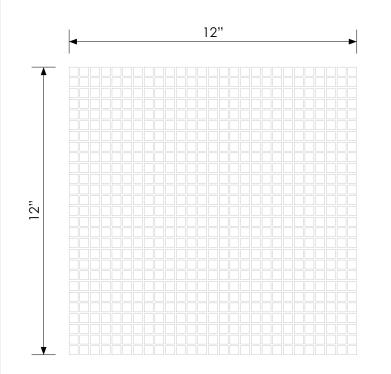
**CASE QUANTITY** 

10 PCS

### PC SIZE



3/8"



## SOLID HEXAGON

MATERIAL

RECYCLED GLASS

**FINISH** 

MATTE

SF/SHEET

1.01

SF/CASE

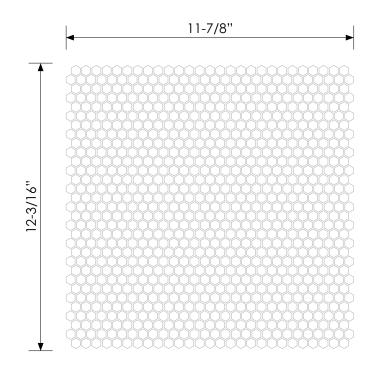
7.07

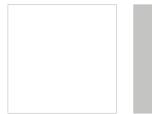
**CASE QUANTITY** 

7 PCS

### PC SIZE









FROST GLSGEOSOLIDFROSS2



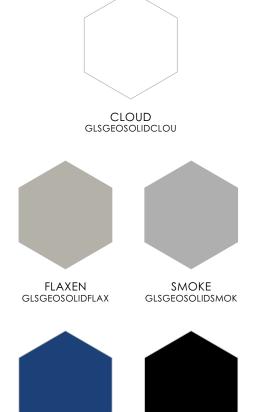
GRAPHITE GLSGEOSOLIDGRAPS2

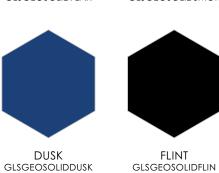


**RAVEN** GLSGEOSOLIDRAVES2











## COLOR PALETTE

129 COLOR OPTIONS •	MATTE OR POLISHED	COLOR BLEND PATTER	rn options	
CHALK/CLOUD	SALT	ICE	MIST	FROST
SNOW	PUMICE	ASH	PARCHMENT	PORCELAIN
OSLO	POND	WAVE	RIVER	HERON
ARCTIC	GLACIER	ATMOSPHERE	SHORE	DUSK
ARCTIC	GLACIER	ATMOSPHERE	SHORE	DUSK



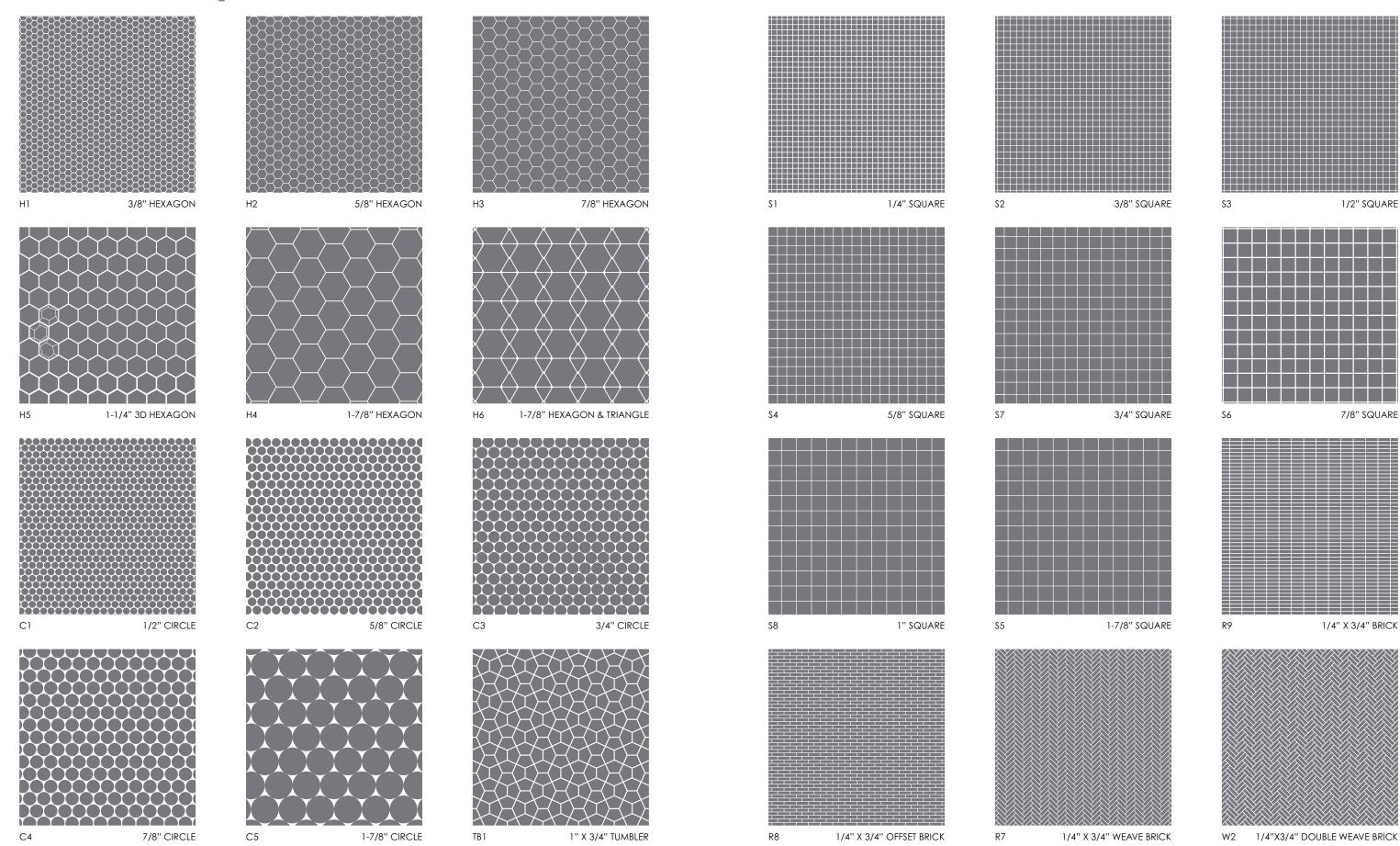
## COLOR PALETTE

129 COLOR OPTIONS • MATTE OR POLISHED • COLOR BLEND PATTERN OPTIONS					
OAT	BISCOTTI	FAWN	ROSEWOOD	SPICE	
LATTE	CREPE	PEACH	CANTALOUPE	CARROT	
PETAL	POSIES	BLOOM	DUSTY	SALMON	
		BEO OW	D0311	SALMON	
		DES S W	D 0311	SALMON	
		DE O O W	D 0311	SALMON	
A 7 A I E A					
AZALEA	OLEANDER	ORCHID	LAUREL	GUAVA	
AZALEA					
AZALEA					
AZALEA					
	OLEANDER	ORCHID	LAUREL	GUAVA	
	OLEANDER	ORCHID	LAUREL	GUAVA	
	OLEANDER	ORCHID	LAUREL	GUAVA	



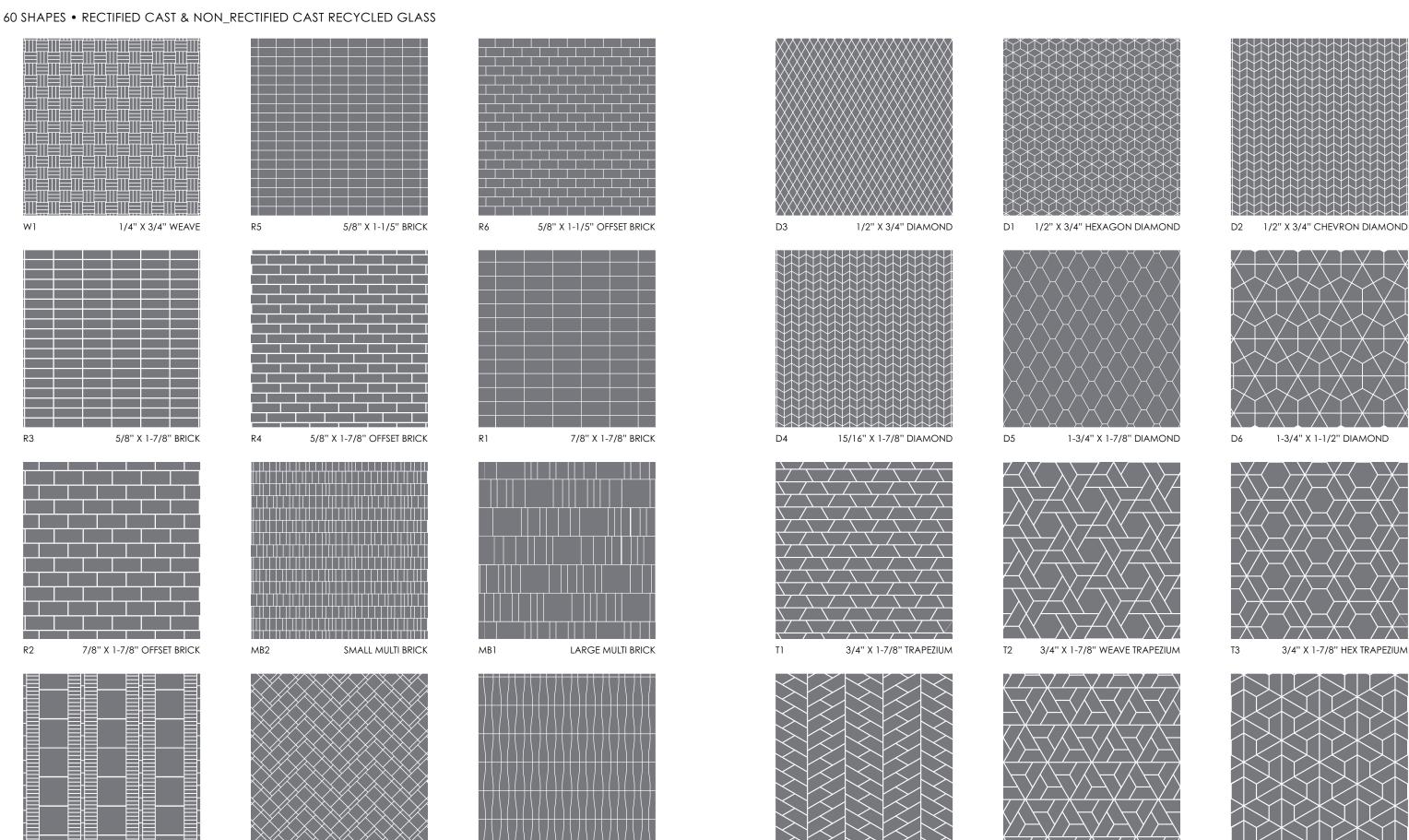
### SPECIAL ORDER SHAPES

60 SHAPES • RECTIFIED CAST & NON\_RECTIFIED CAST RECYCLED GLASS



29

### SPECIAL ORDER SHAPES



1-7/8" X 3/8" BOTTLE

T4 3/4" X 1-7/8" CHEVRON TRAPEZIUM

T5 3/4" X 1-7/8" TRIANGLE TRAPEZIUM

MB3

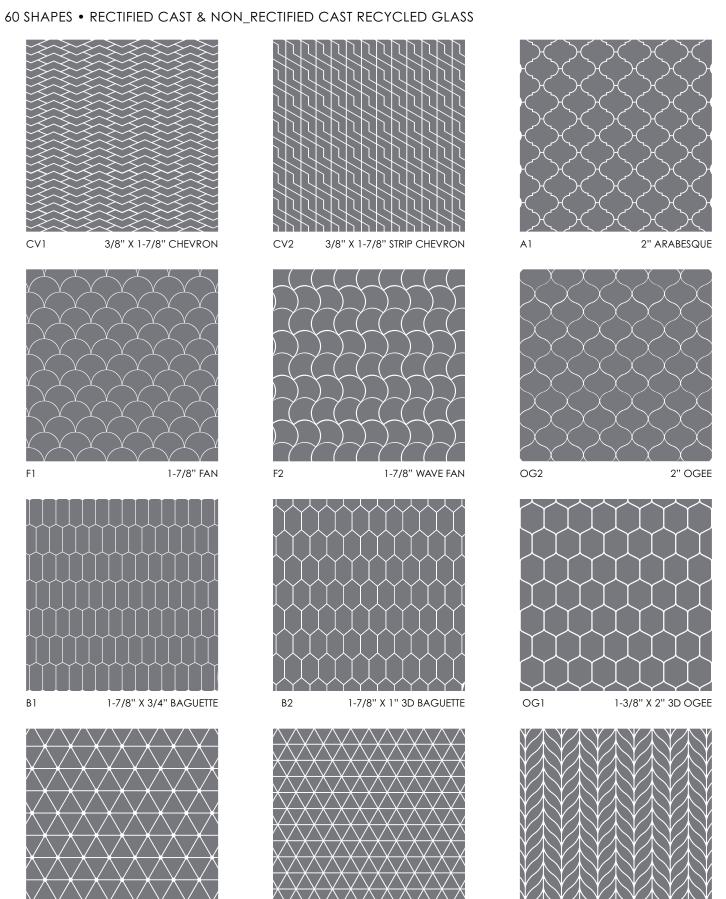
LADDER MULTI BRICK

MB4

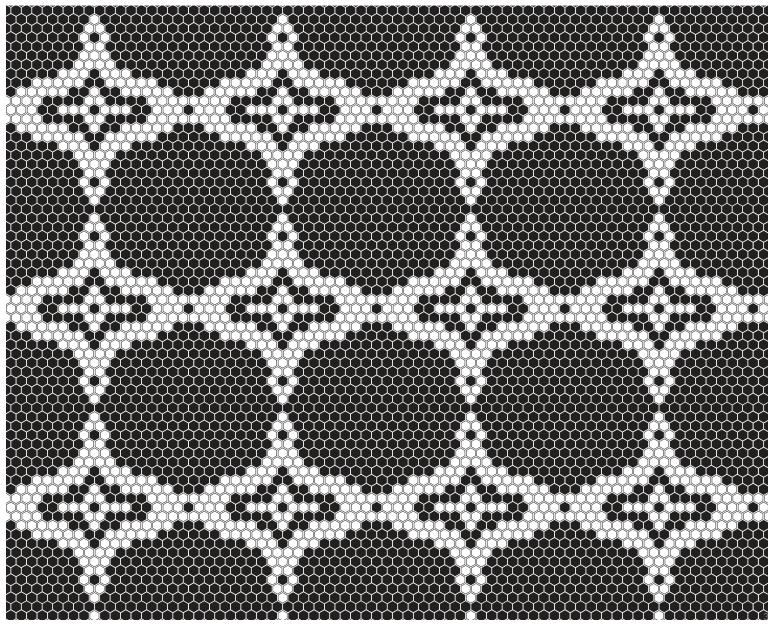
ZIG-ZAG MULTI BRICK

3/4" X 1-7/8" STAR TRAPEZIUM

## SPECIAL ORDER SHAPES

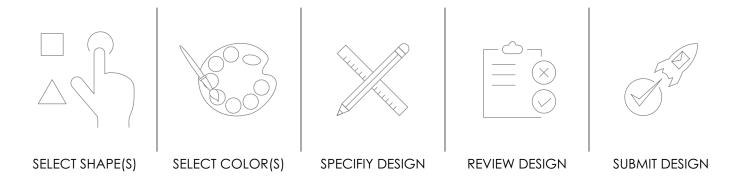






## CUSTOM GLASS MOSAIC

Bring your design ideas and creativity to life. Geometro recycled glass offers a rich and trendy color palette with more than one hundred colors to choose from, sixty different shapes, in two finishes, Matte and Polished.



Submit your order(s) to csr@nsrstone.com for price and lead time.

NSR offers a curated selection of glass mosaics, but if in need of something with a personal touch, our customer service team will assist brainstorming your project from start to finish.

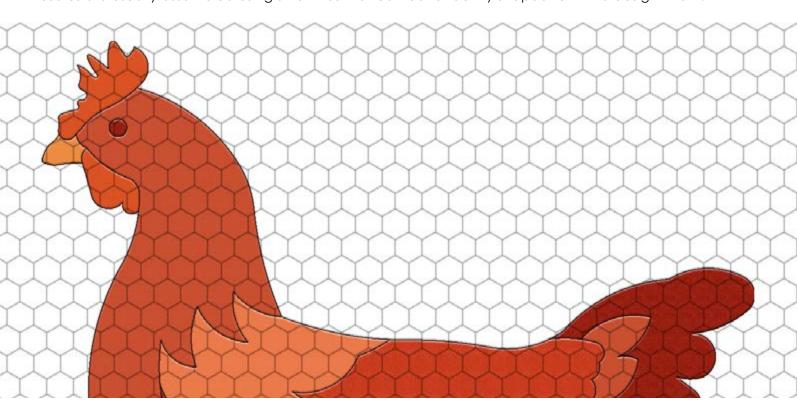




### ARTISTIC MOSAIC

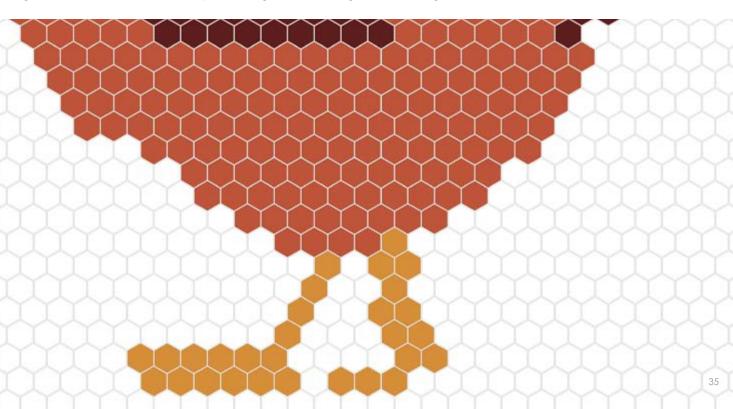
A Mosaic is an artistic technique that uses tiny parts to create a whole image or object.

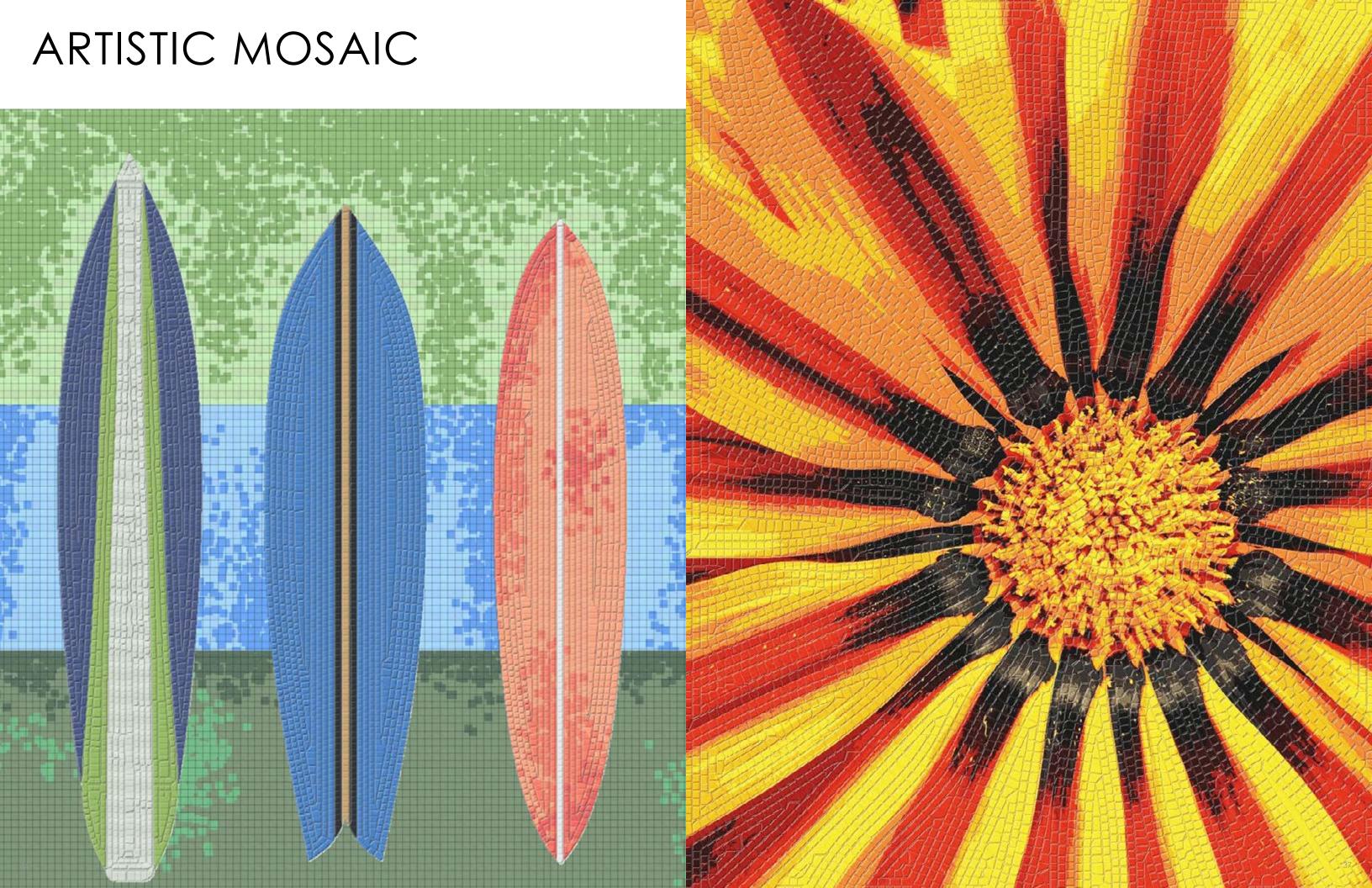
Mosaics are usually assembled using small tiles that can be randomly shaped to fit the design intent.

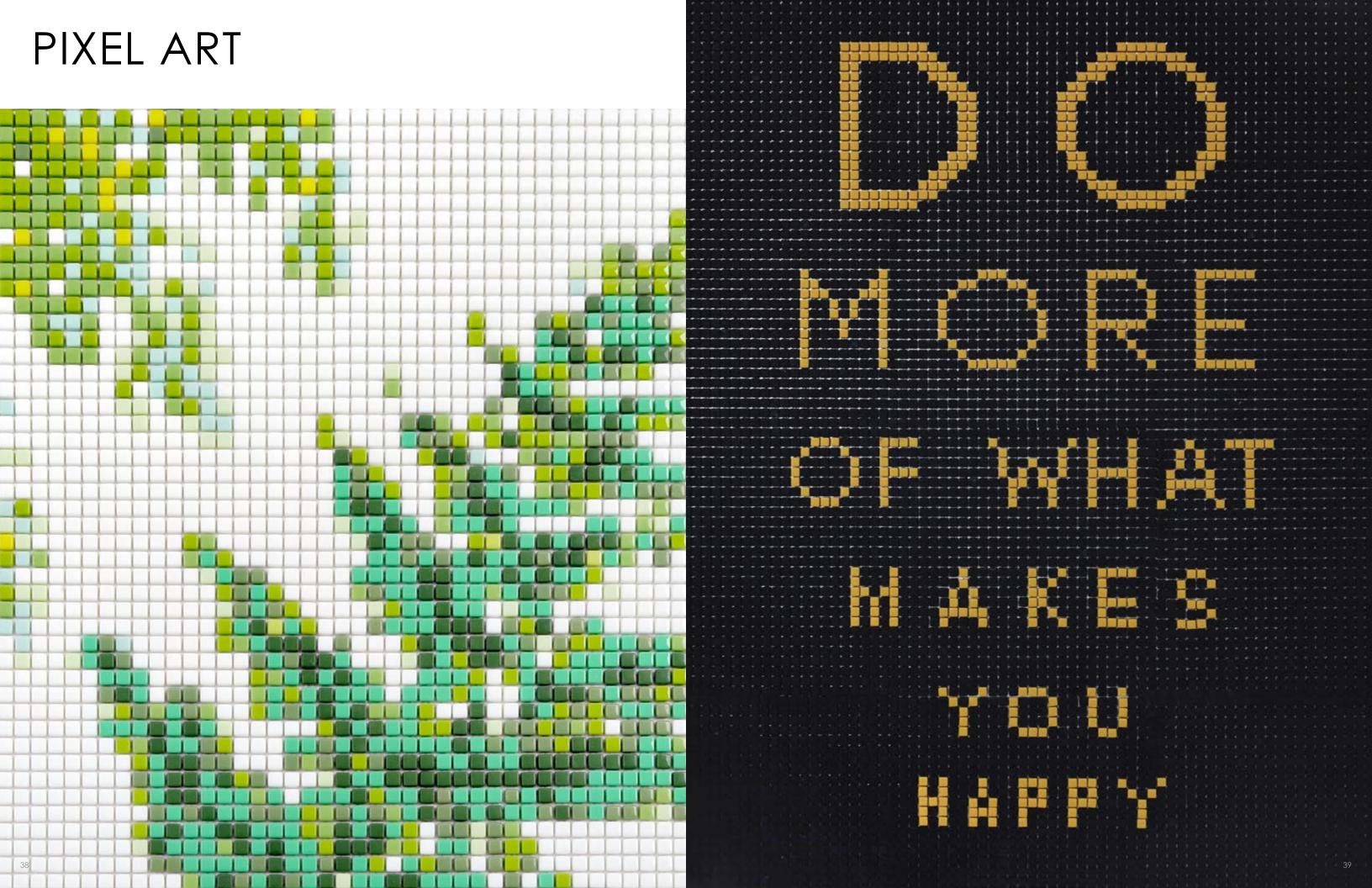


### PIXEL ART

Pixel mosaic is a modern mosaic art where colored glass pieces of a perfect shape are assembled to create the image needed. With Pixel Art, your images and designs are brought to life.







## PATTERN DIAGRAMS

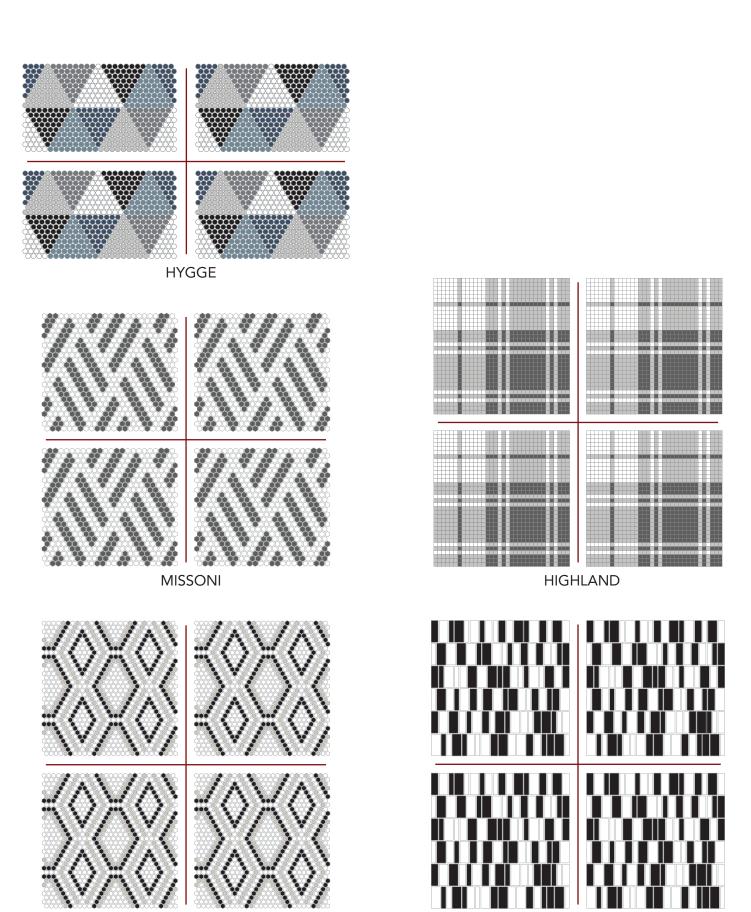
It is strongly suggested to dry fit all inlays before applying thin set.

Review pattern diagrams prior to installation;

This will help to view each pattern in the inlay space available & catch any possible mistakes.







**BARCODE** 

**PYTHON** 

### SETTING SYSTEMS

All materials should be used according to manufacturer's instructions. If the mosaic includes glass tiles, please note that due to the translucent nature of glass, the color of the bonding material will impact the ultimate look of the tile. We recommend the use of specific white bonding mortars; some mixed with specific latex admix.

See the following list for required thin-set and follow manufacturer's recommended cure times for all setting materials. Pools, spas and all submerged applications require a minimum 21-day cure time after grouting and before submersion or exposure to heavy water use.

Although we require the use of highest performing setting materials for installing our products, occasionally, due to the transparent and/or light translucent nature of some of our products, visible effects, also known as "ghosting", may occur behind glass tiles.

#### When Mixing Setting and Grouting Materials:

- 1 Measure liquid and powder per manufacturer's recommendations.
- 2 Machine mixing will provide more consistent results.
- 3 Do not exceed 300 rpm or manufacturer's recommendations.
- 4 Setting and grouting materials need to slake (set) 10 to 15 minutes after mixing and be remixed before use.

#### Acceptable Setting Systems (white)

- Custom Building Products: MegaFlex Crack Prevention Mortar
- Custom Building Products: MegaLite Crack Prevention Mortar
- Flextile: 52 Versatile Floor Mortar
- Hydroment ReFlex Ultra-Premium Latex-Modified Thin Set Mortar
- Kerakoll: H40 Tenax Single Component Thin-Set
- Laticrete: 254 Platinum Multipurpose Thin Set Mortar
- Mapei: Adhesilex P10 mixed with Keraply mortar additive
- TEC (H.B. Fuller): Super Flex Premium Performance Universal Latex-Modified Thin-Set Mortar
- FOR METAL (Geometro 2.0): Litokol LitoElastic Epoxy

#### **Unacceptable Setting Systems**

- Organic adhesive (mastic) due to yellowing and low bond strength
- Epoxy due to low flexibility, as well as degeneration in UV sunlight

#### **Movement Joints**

Movement joints are essential for the success of most tile installations. Follow recommendations on Movement Joints EJ171-07 in the "2008 TCA Handbook for Ceramic Tile Installation." Movement joint requirements will vary depending on substrate, climate and size of installation. An architect or design professional should be consulted when specifying the exact number and location of each movement joint. Saw-tooth joints are not recommended. Certain application may require a different type of sealant.

#### **Acceptable Flexale Joint Fillers**

- Hydroment: Chem-Calk 900 One-Part Urethane Sealant
- Kerakoll: Sigibuild PU Poly-Urethane Sealant
- Laticrete: Latasil 100% Silicone
- Silaflex: 1A or 2C Polyurethane-based Sealant

#### Grou

Install grout mix according to manufacturer's instructions. Grout should be full and uniformly finished. Due to the impervious quality of glass, the grout will take longer to begin setting-up. For initial cleaning of grout from the tile face, use clean, dry cheesecloth. This wicks additional moisture from the grout and avoids washing out the joints. Use on a clean, damp sponge for the final cleaning and smoothing of the joints. For final polishing of excess haze use a clean, soft cloth.

#### **Acceptable Grouts**

- Custom Building Products: Prism SureColor Grout (can go in pools)
- Custom Building Products: Fusion Grout
- Custom Building Products: Polyblend Sanded Tile Grout
- Flextile: 600 Polymer Sanded Floor Grout
- Hydroment: Sanded Ceramic Tile Grout
- Kerakoll: Fugabella 2-12
- Laticrete: 1500 Series Tile Grout or Equivalent
- Mapei: Ker200 Series and Ker700 Series Ultra/Color
- Tec: AccuColor Premium Sanded Tile Grout
- Litokol Starlike (for LeMer)
- Litokol Starlike grout or Customs Prism (for Gunmetal Geometro 2.0)

An Acrylic grout admix can improve freeze-thaw resistance. Check manufacturer's recommendations.

#### **Unacceptable Grout**

- Epoxy Grout due to low flexibility, as well as degeneration in UV sunlight
- Non-sanded grout due to shrinkage
- Consult grout manufacturers before considering blue, green or red grout in submerged applications.

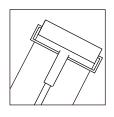
#### Anti-Fracture/Waterproofing Membranes

- Aquafin 1K and 2K/M: Cementitious waterproofing system
- Custom Building products: RedGard Waterproofing and Crack Prevention Membrane
- Hydroment: Gold Anti-fracture and waterproofing membrane
- Laticrete: 9235 waterproof & anitfracture membrane
- Tec: T1-324 Triple-Flex waterproofing/crack isolation membrane
- Xypex: Concentrate

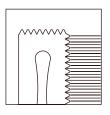
We do not recommend membranes directly behind the setting material when installing translucent or transparent glass tile.

## INSTALLATION GUIDELINES

FOLLOW EACH STEP AS DIRECTED FOR BEST RESULTS

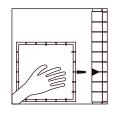


Apply a crack insulation membrane over substrate per the membrane manufacturer's instructions.



Use a V-notch trowel to apply a white glass tile thin-set mortar.

Comb notches in one direction.

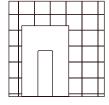


Set sheets into thin-set

\*Either face-tape side out or mesh side to the wall.

\*Geometro shapes 10mm or above come facetaped.

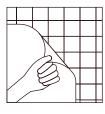
10mm & below are back mesh mounted.



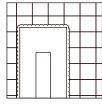
Lightly tap sheets with rubber grout float.



Wait 24 hours (minimum).



Remove film-face and remove excess thin-set from grout joints with a razor knife if necessary.



Apply grout per grout manufacturer's instructions.

### APPLICATIONS & SPECS

Tested for hardness and scoring a mohs hardness of 5.5 with excellent resistance to UV, common household chemicals, foot traffic, stains, and frost while delivering a slip resistance of r9.

It is an excellent choice for both vertical and horizontal surfaces, both indoors and outdoors as well as fully submerged pools & spas.



Interior Walls & Floors



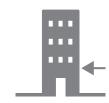
Linear Thermal Expansion Tested



Bath Walls/Floors & Steam Rooms



Abrasion Resistance



**Exterior Walls** 



Frost Resistance



**Exterior Floors** 



Chemical Resistance



Full Submersion in Pools & Spas



Eco-Friendly

### TEST RESULTS

Test Number:	Test Name:	Test Results:
ANSI A137.2-7.6	Mounting Variation	0 Joints out of compliance with ANSI A137.2
ANSI A326.3-2017	DCOF	>.42
ASTM C1895-20	Mohs Scratch Hardness	5
ASTM C1027-19	Visible Abrasion	<1500 Revolutions
ASTM C373-18	Water Absorption	Average 0.0%
ASTM C648-04 (2014)	Breaking Strength	Average 519 lbf
ASTM C650-20	Chemical Resistance	Class A
ASTM C1378-20	Stain Resistance	Class A
ASTM C1026-13 (2018)	Freeze-Thaw	No visible damage after 300 cycles
ANSI A137.2012	Thermal Shock	No visible defects
ASTM C-370 *MODIFIED	Moisture Expansion	0.01%

- Materials Tested Comply with Specifications.
- Materials Tested Did Not Comply with Specifications.
- No Established Criteria for Acceptable Limits.
- For Information Only.

### **SUSTAINABILITY**



Made from 98% pre-consumer recycled glass
Tiles are mounted on 96% pre-consumer materials including both the mesh and glue
Lead-Free
Non-Toxic
No VOC off-gassing

### DISPLAY OPTIONS



#### OPTION A

Set of (40) 7X14 PVC Display Trays Geometro Recycled Glass Mosaics Sheets glue to PVC Trays – No Grout Includes a White Wooden Box

GLSGEODISPLAYOPTA40



#### OPTION B

Set of (40) 7X14 PVC Display Trays
Geometro Recycled Glass Mosaics
Sheets glue to PVC Trays – No Grout
Includes a White Wooden Box
Plus (6) 18X18 Grouted Boards
\*Make Individual selections down below

GLSGEODISPLAYOPTB06



### OPTION C

Set of (40) 7X14 PVC Display Trays
Geometro Recycled Glass Mosaics
Sheets glue to PVC Trays – No Grout
Includes a White Wooden Box
Plus (12) 18X18 Grouted Boards
\*Make Individual selections down below

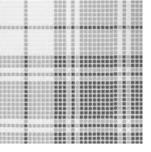
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46

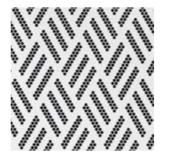
## DISPLAY OPTIONS



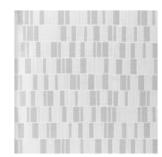
PYTHON HYDRA
GLSGEOPYTHYD-1818



HIGHLAND LANCASTER
GLSGEOHIGLAN-1818



MISSONI VINTAGE GLSGEOMISVIN-1818



BARCODE PUZZLE
GLSGEOBARPUZ-1818



BAYEUX COUNTRY
GLSGEOBAYCOUN-1818



BOURGES COUNTRY
GLSGEOBOUCOUN-1818



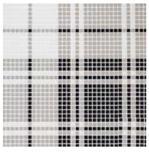
TULLE COUNTRY
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BELFORT COUNTRY
GLSGEOBELCOUN-1818



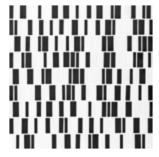
PYTHON DRACO GLSGEOPYTDRA-1818



HIGHLAND PRESTON
GLSGEOHIGPRE-1818



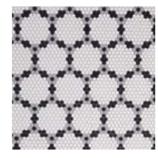
MISSONI ZIP
GLSGEOMISZIP-1818



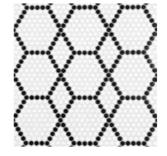
BARCODE CRYPTO
GLSGEOBARCRY-1818



BAYEUX CLASSIC
GLSGEOBAYCLAS-1818



BOURGES CLASSIC
GLSGEOBOUCLAS-1818



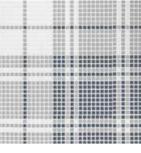
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GLSGEOTULCLAS-1818



BELFORT CLASSIC
GLSGEOBELCLAS-1818



PYTHON HOPI GLSGEOPYTHOP-1818



HIGHLAND BRISTOL
GLSGEOHIGBRI-1818



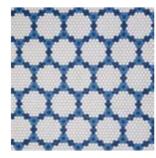
MISSONI RETRO
GLSGEOMISRET-1818



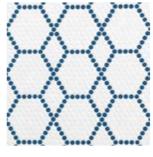
HYGGE LOG GLSGEOHYGLOG-1818



BAYEUX COASTAL
GLSGEOBAYCOAS-1818



BOURGES COASTAL
GLSGEOBOUCOAS-1818



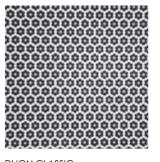
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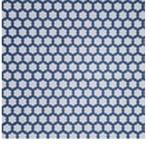
BELFORT COASTAL
GLSGEOBELCOAS-1818



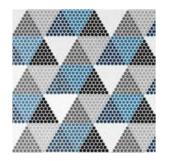
DIJON COUNTRY
GLSGEODIJCOUN-1818



DIJON CLASSIC GLSGEODIJCLAS-1818



DIJON COASTAL
GLSGEODIJCOAS-1818



HYGGE GLOW
GLSGEOHYGGLO-1818



AMIENS COUNTRY
GLSGEOAMICOUN-1818



AMIENS CLASSIC
GLSGEOAMICLAS-1818



AMIENS COASTAL
GLSGEOAMICOAS-1818

