

Geometro

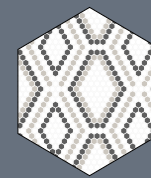




The contemporary style of Geometro features innovative geometric patterns, in a trendy color palette, which are key to the modern look.

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.

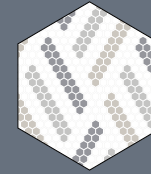
NSR Curated Collection offers eleven original stock patterns in various color blends, and nine Hexagon and Square solid colors in a matte finish. Our first generation is made of a cast recycled glass with smooth edges, and our new collection offers a rectified recycled glass, a near-perfect straight edge with a flat surface.



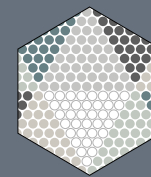
02 PYTHON
Hydra • Draco • Hopi



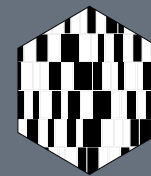
04 HIGHLAND
Bristol • Preston • Lancaster



06 MISSONI
Retro • Zip • Vintage



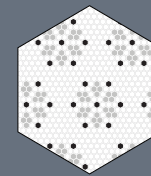
08 HYGGE
Log • Glow



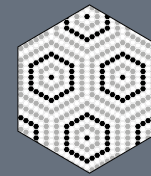
09 BARCODE
Puzzle • Crypto



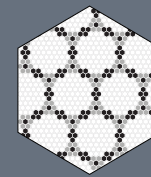
10 AMIENS
Classic • Country • Coastal



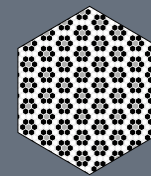
12 BAYEUX
Classic • Country • Coastal



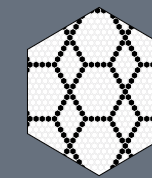
14 BELFORT
Classic • Country • Coastal



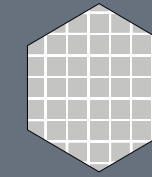
16 BOURGES
Classic • Country • Coastal



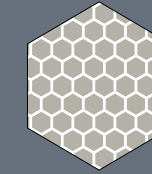
18 DIJON
Classic • Country • Coastal



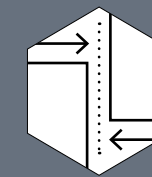
20 TULLE
Classic • Country • Coastal



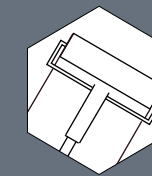
22 SOLID SQUARE
Chalk • Frost
Graphite • Raven



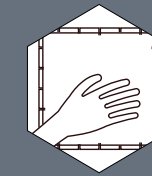
23 SOLID HEXAGON
Cloud • Flaxen
Smoke • Dusk • Flint



24 PATTERN DIAGRAMS



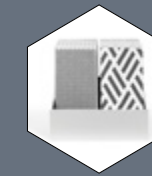
26 SETTING SYSTEMS
28 INSTALLATION GUIDELINES



29 APPLICATIONS & SPECS



30 TEST RESULTS



31 DISPLAY OPTIONS

PYTHON

MATERIAL
RECTIFIED RECYCLED GLASS

FINISH
MATTE

SF/SHEET
1.03

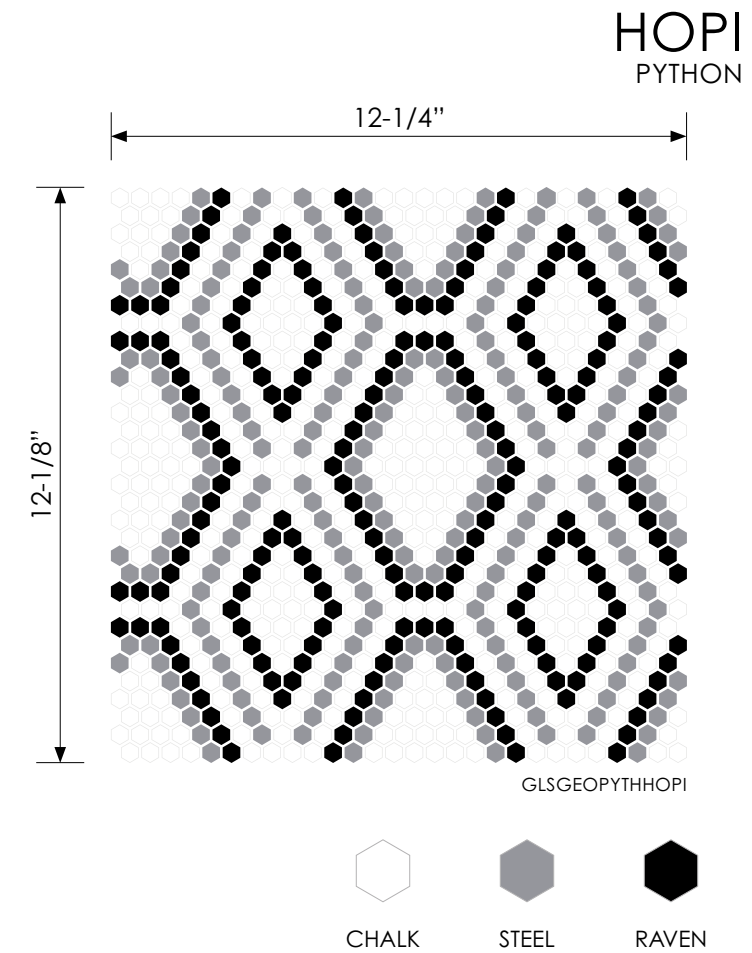
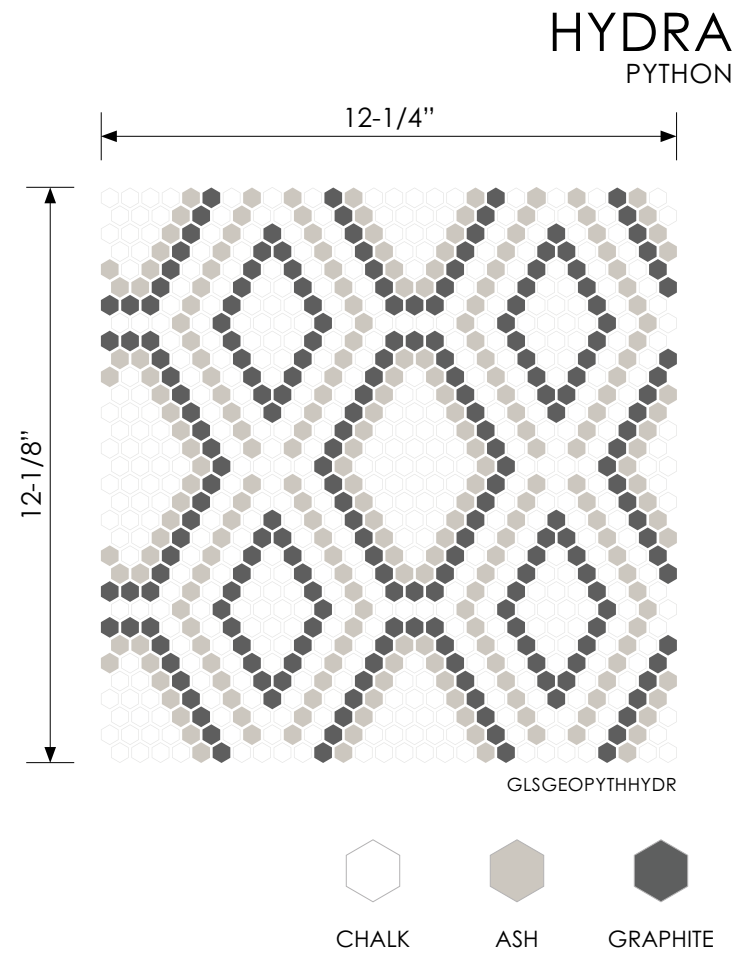
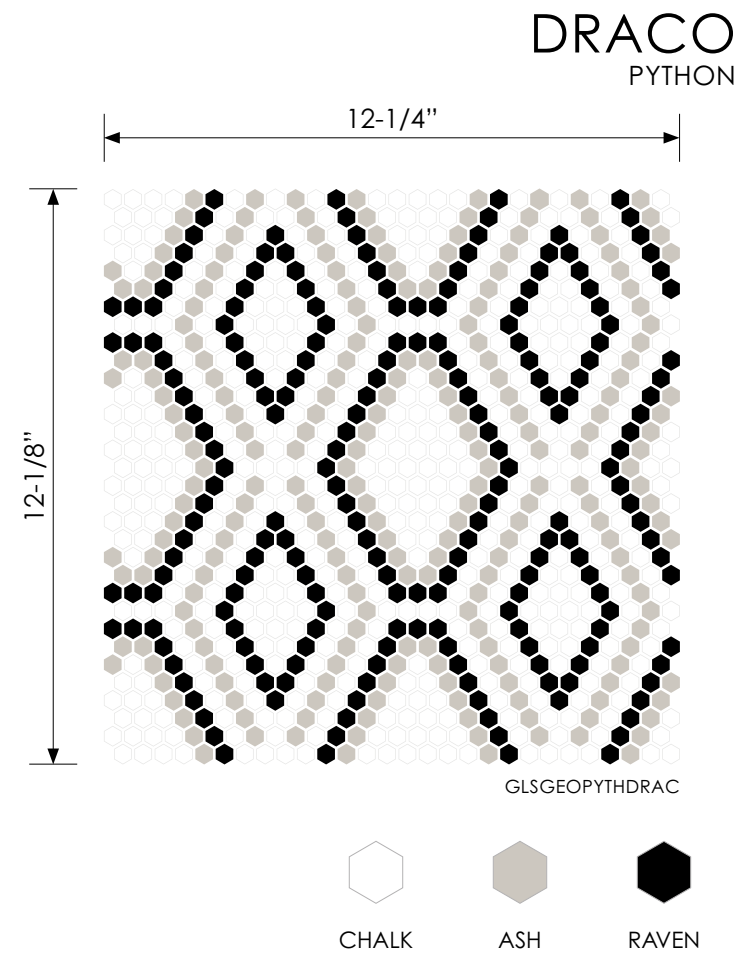
SF/CASE
10.30

CASE QUANTITY
10 PCS

PC SIZE



3/8"



HIGHLAND

MATERIAL
RECTIFIED RECYCLED GLASS

FINISH
MATTE

SF/SHEET
1.56

SF/CASE
15.60

CASE QUANTITY
10 PCS

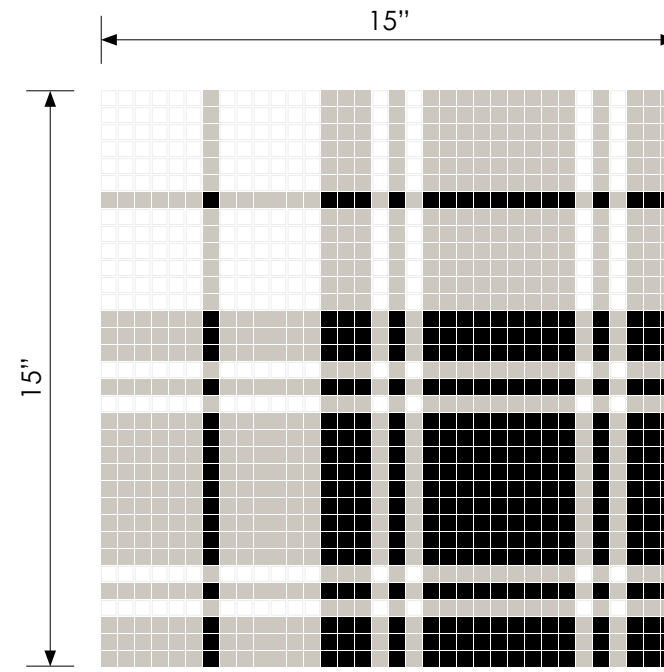
PC SIZE



3/8"



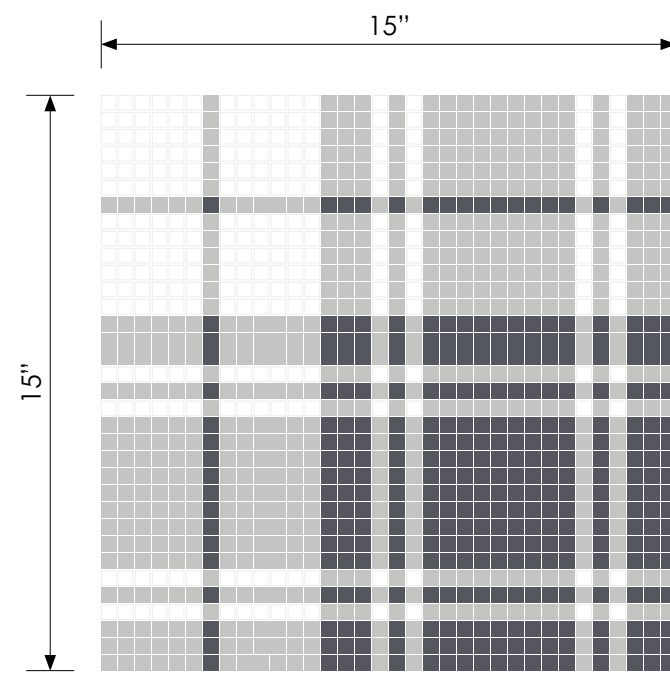
PRESTON HIGHLAND



GLSGEOHIGHPRES



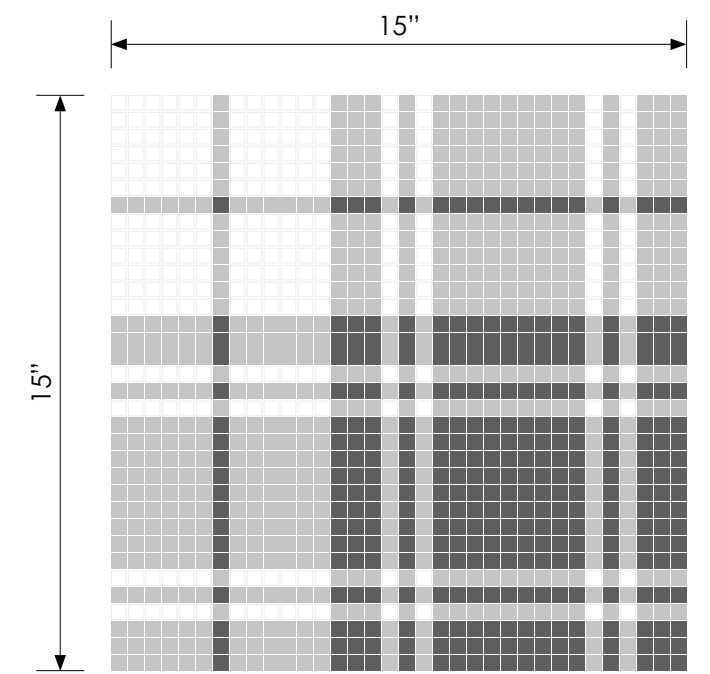
BRISTOL HIGHLAND



GLSGEOHIGHBRIS



LANCASTER HIGHLAND



GLSGEOHIGHLANC



MISSONI

MATERIAL
RECTIFIED RECYCLED GLASS

FINISH
MATTE

SF/SHEET
0.67

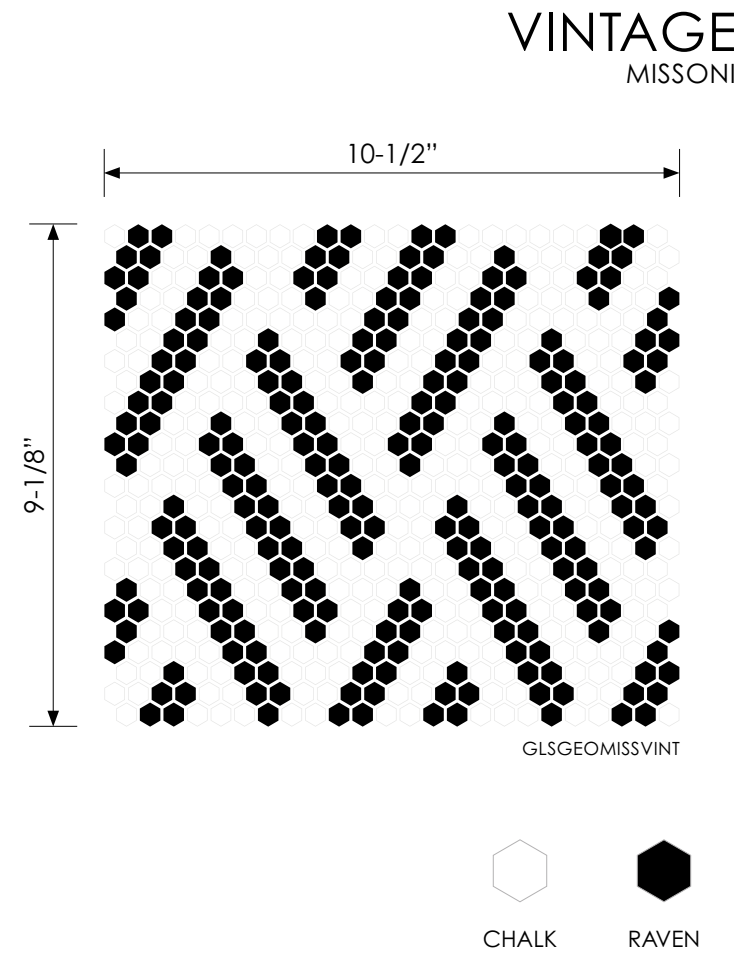
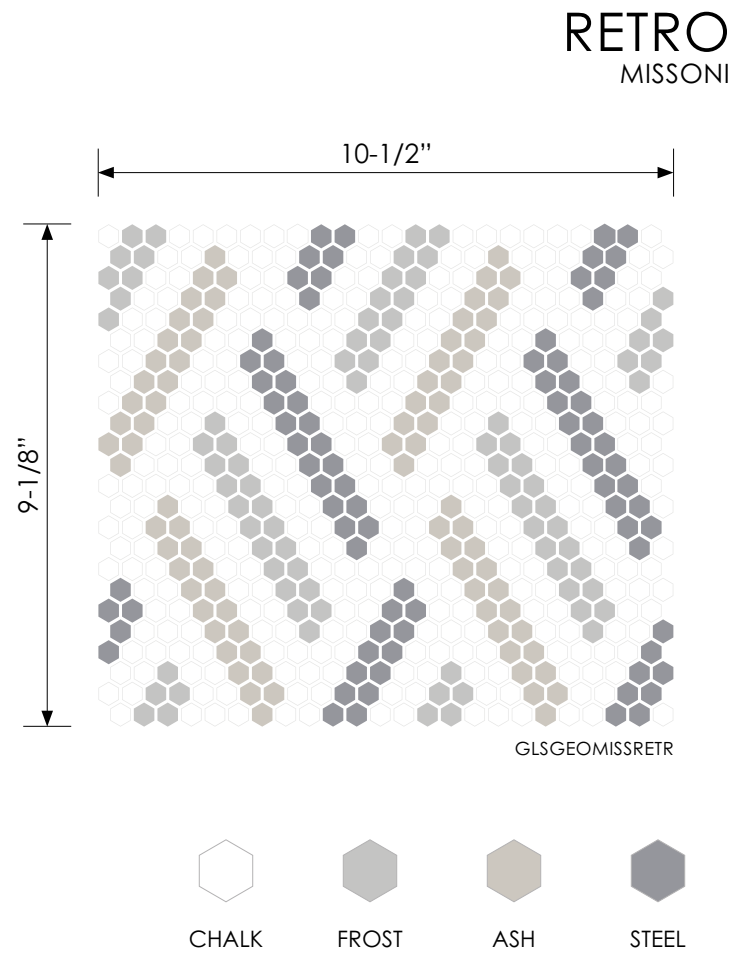
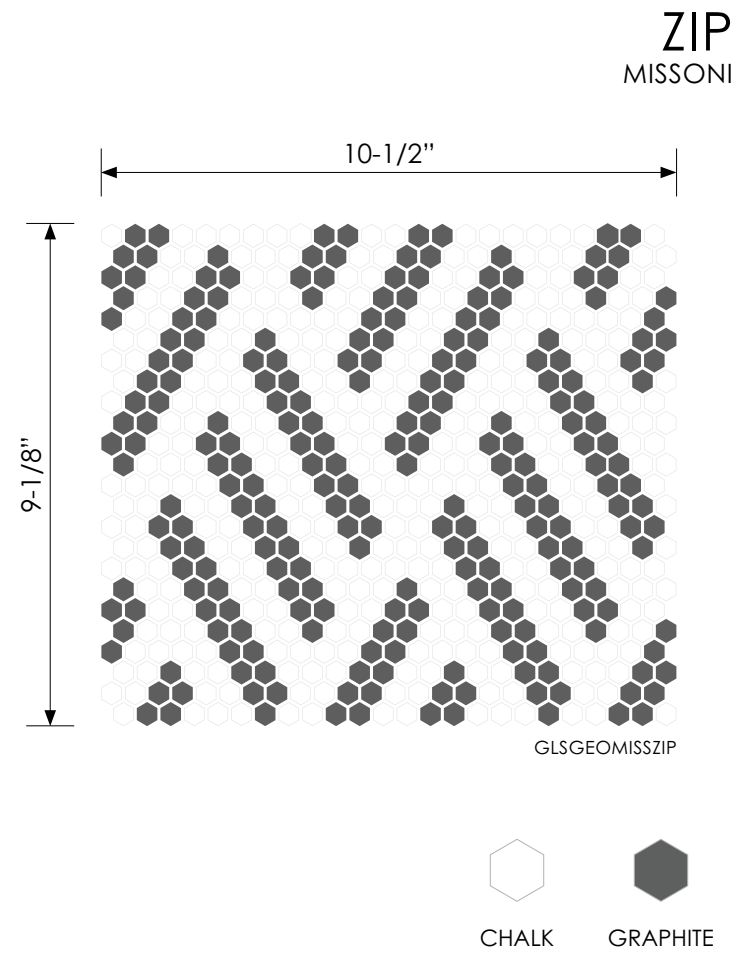
SF/CASE
6.70

CASE QUANTITY
10 PCS

PC SIZE



3/8"



HYGGE

MATERIAL
RECTIFIED RECYCLED GLASS

FINISH
MATTE

SF/SHEET
0.75

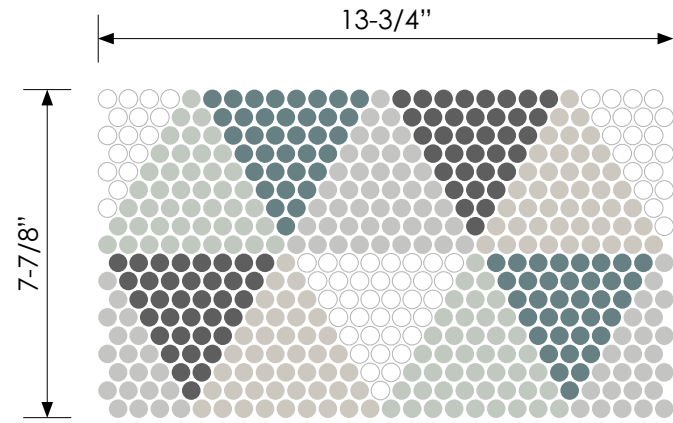
SF/CASE
7.50

CASE QUANTITY
10 PCS

PC SIZE



LOG
HYGGE



GLSGEOHYGGLOG



BARCODE

MATERIAL
RECTIFIED RECYCLED GLASS

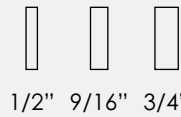
FINISH
MATTE

SF/SHEET
0.98

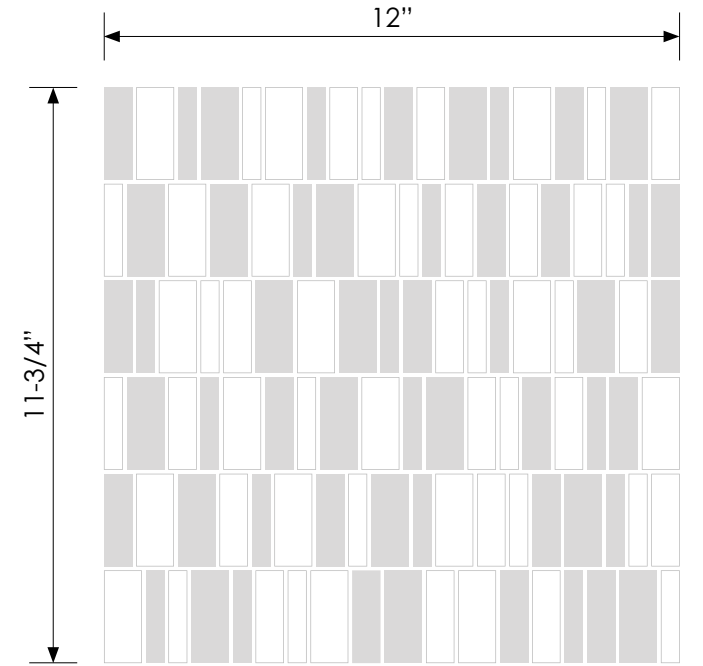
SF/CASE
9.80

CASE QUANTITY
10 PCS

PC SIZE



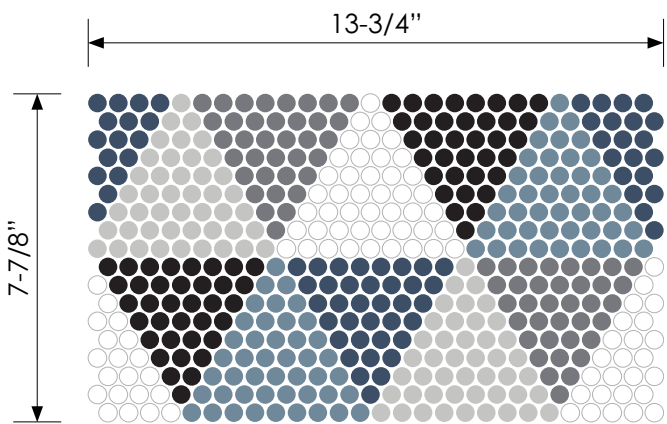
PUZZLE
BARCODE



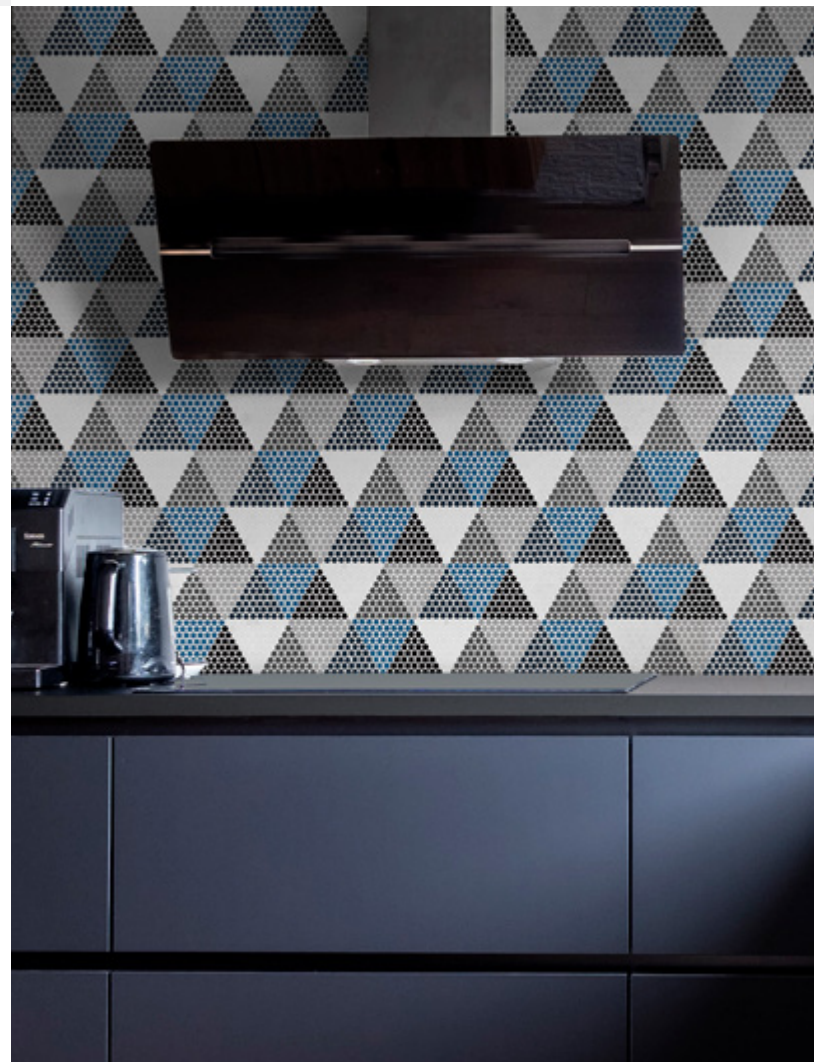
GLSGEOBARCPUZZ



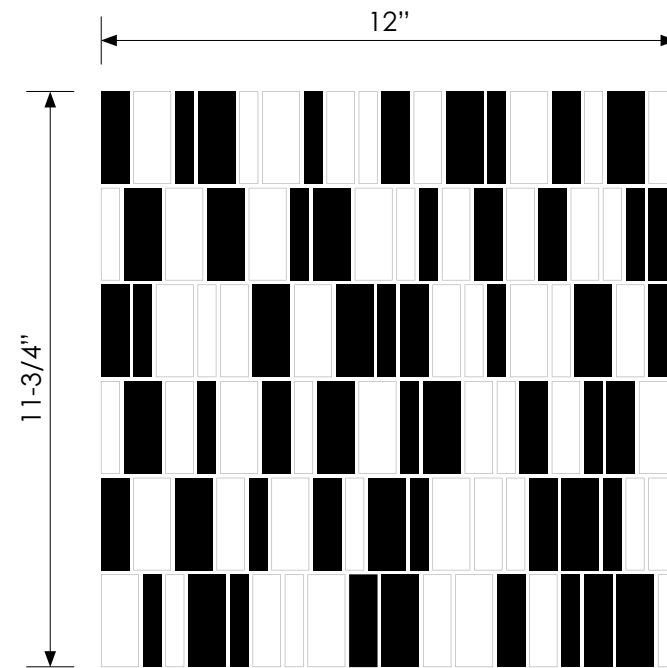
GLOW
HYGGE



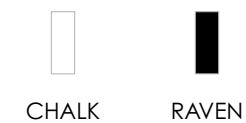
GLSGEOHYGGGLOW



CRYPTO
BARCODE



GLSGEOBARCCRYP



AMIENS

MATERIAL
RECYCLED GLASS

FINISH
MATTE

SF/SHEET
1.09

SF/CASE
7.63

CASE QUANTITY
7 PCS

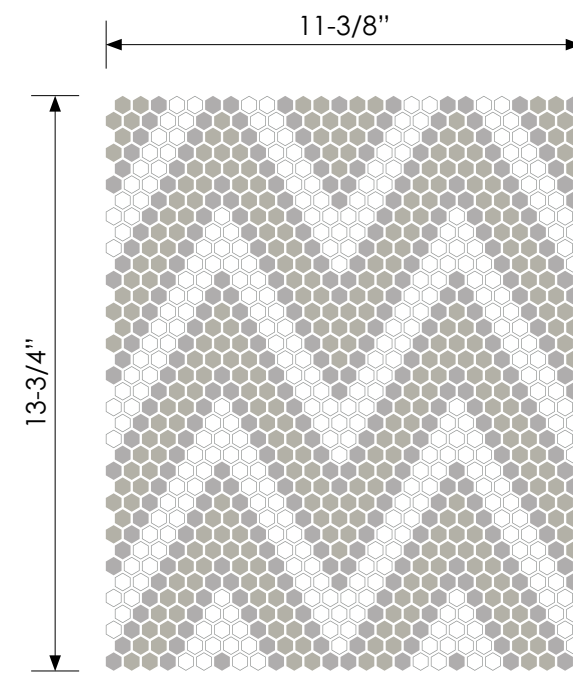
PC SIZE



3/8"



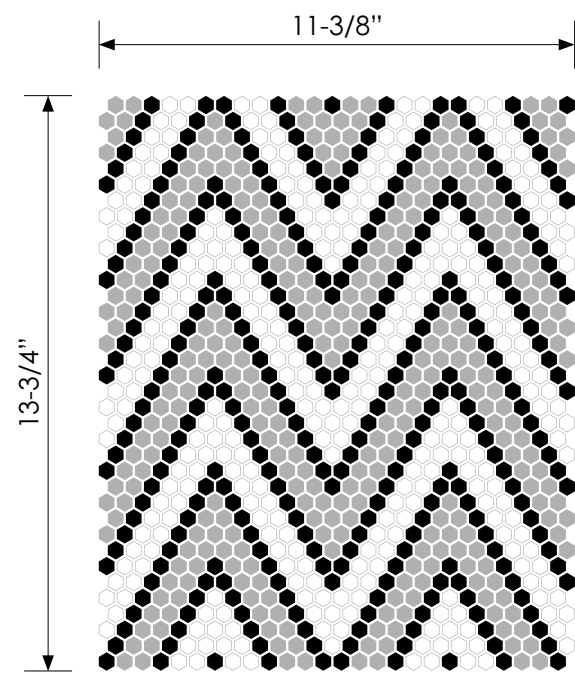
COUNTRY AMIENS



GLSGEOAMIENSOUN



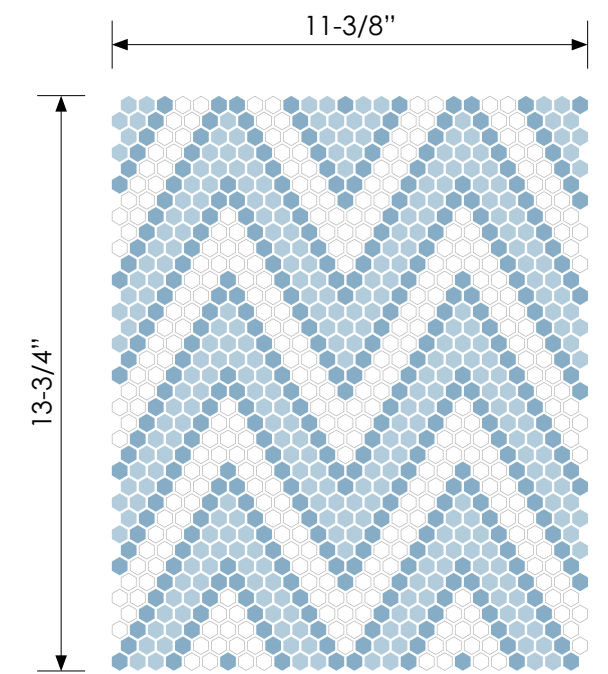
CLASSIC AMIENS



GLSGEOAMIENSCLAS



COASTAL AMIENS



GLSGEOAMIENSCOAS



BAYEUX

MATERIAL
RECYCLED GLASS

FINISH
MATTE

SF/SHEET
0.97

SF/CASE
6.79

CASE QUANTITY
7 PCS

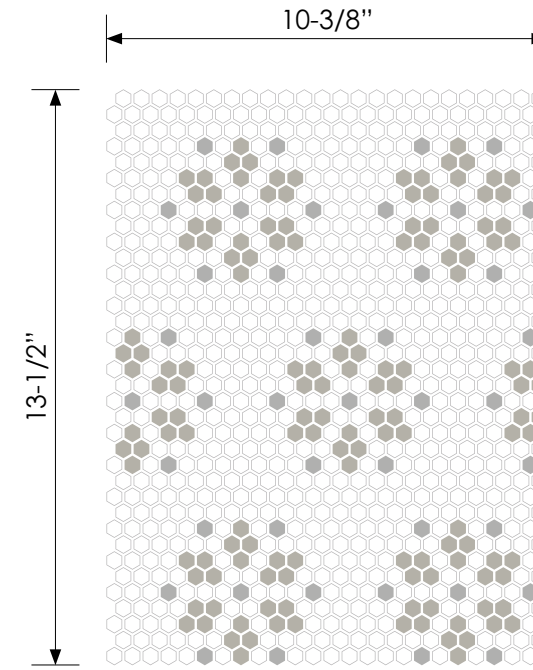
PC SIZE



3/8"



COUNTRY BAYEUX



GLSGEOBAYEUXCOUN



CLOUD



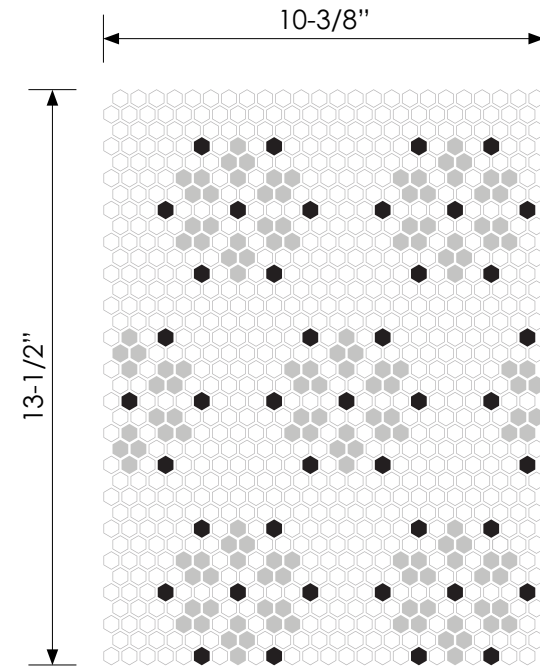
SMOKE



FLAXEN



CLASSIC BAYEUX



GLSGEOBAYEUXCLAS



CLOUD



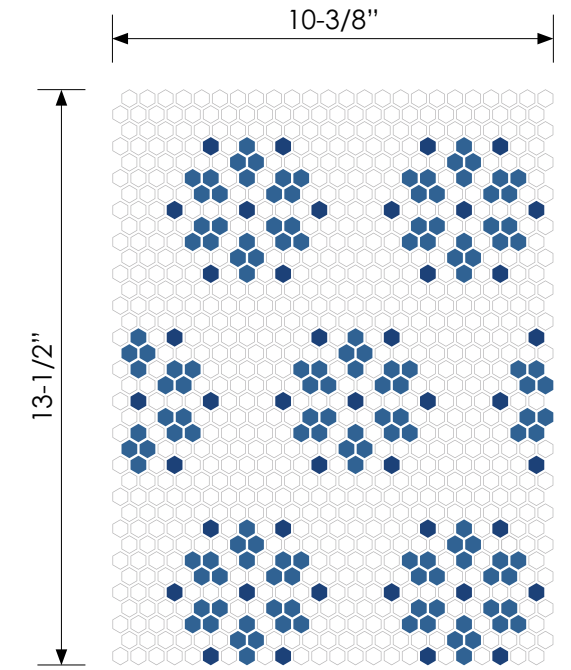
SMOKE



FLINT



COASTAL BAYEUX



GLSGEOBAYEUXCOAS



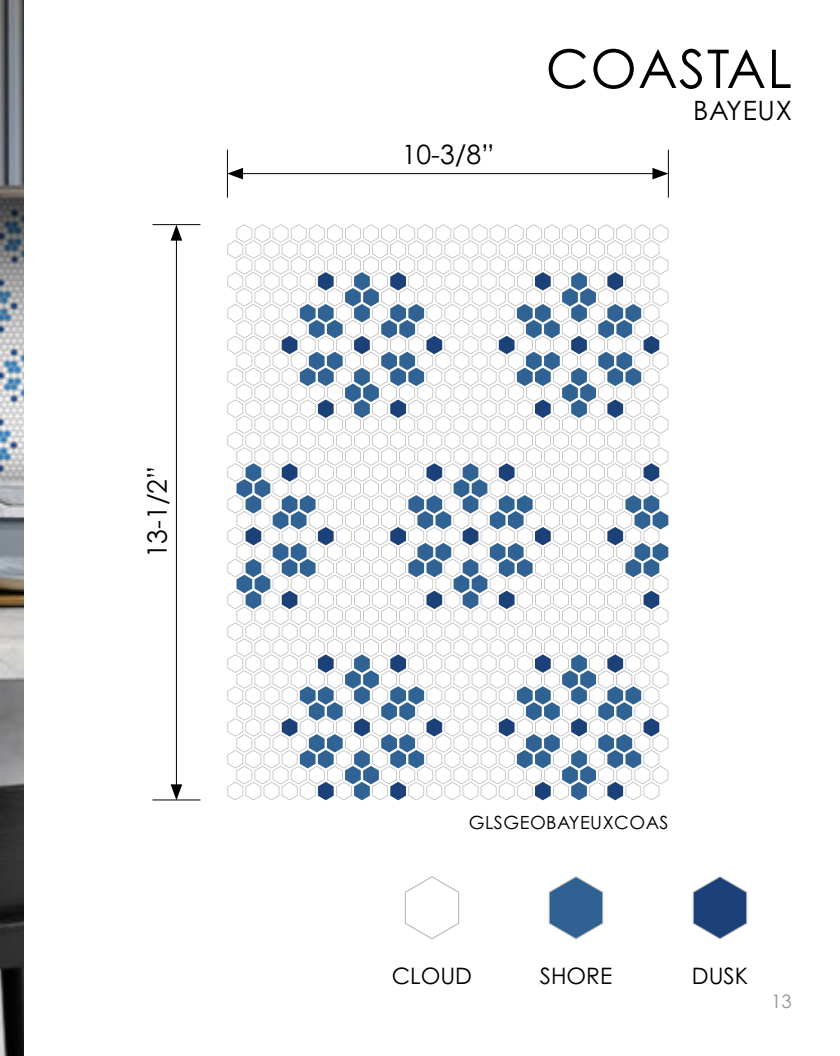
CLOUD



SHORE



DUSK



BELFORT

MATERIAL
RECYCLED GLASS

FINISH
MATTE

SF/SHEET
1.05

SF/CASE
7.35

CASE QUANTITY
7 PCS

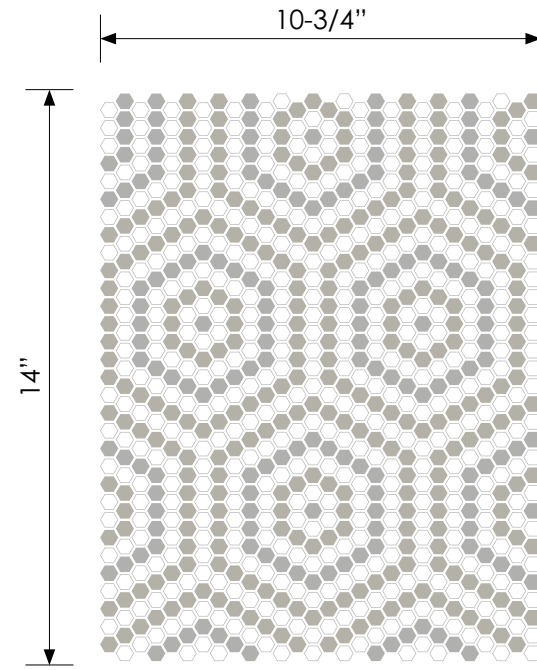
PC SIZE



3/8"



COUNTRY BELFORT



GLSGEOBELFORTCOUN



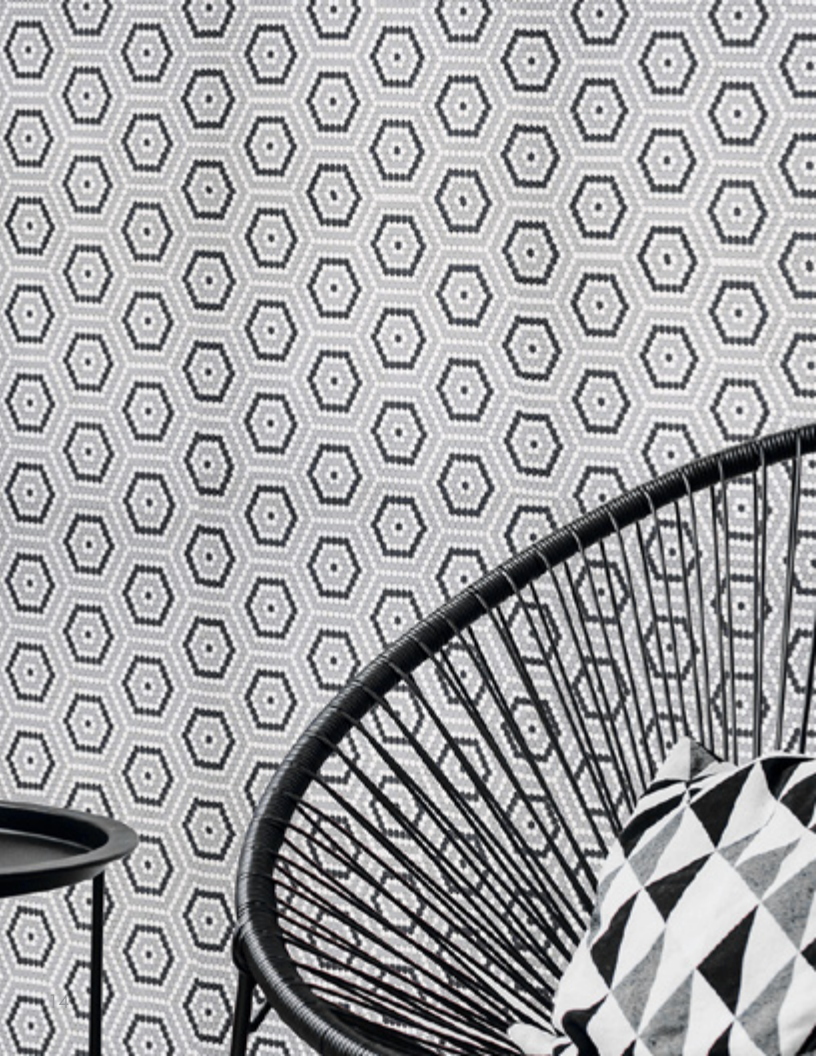
CLOUD



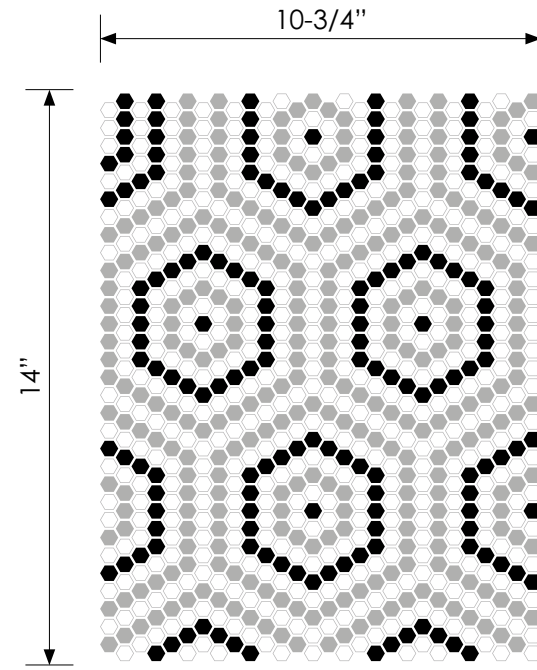
SMOKE



FLAXEN



CLASSIC BELFORT



GLSGEOBELFORTCLAS



CLOUD



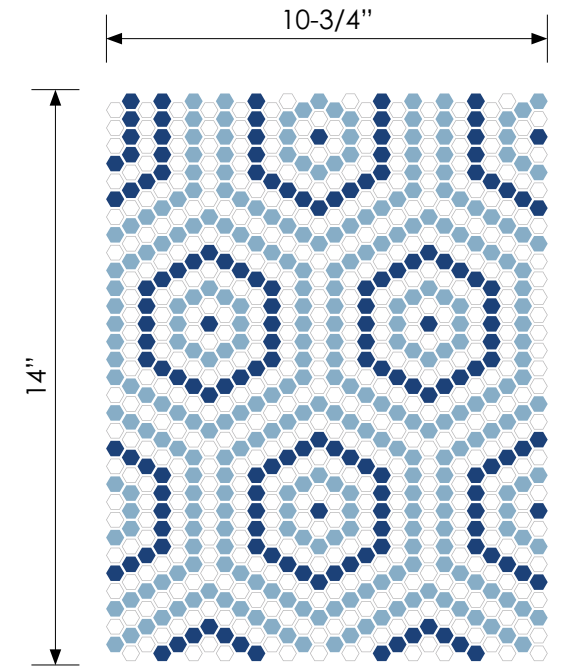
SMOKE



FLINT



COASTAL BELFORT



GLSGEOBELFORTCOAS



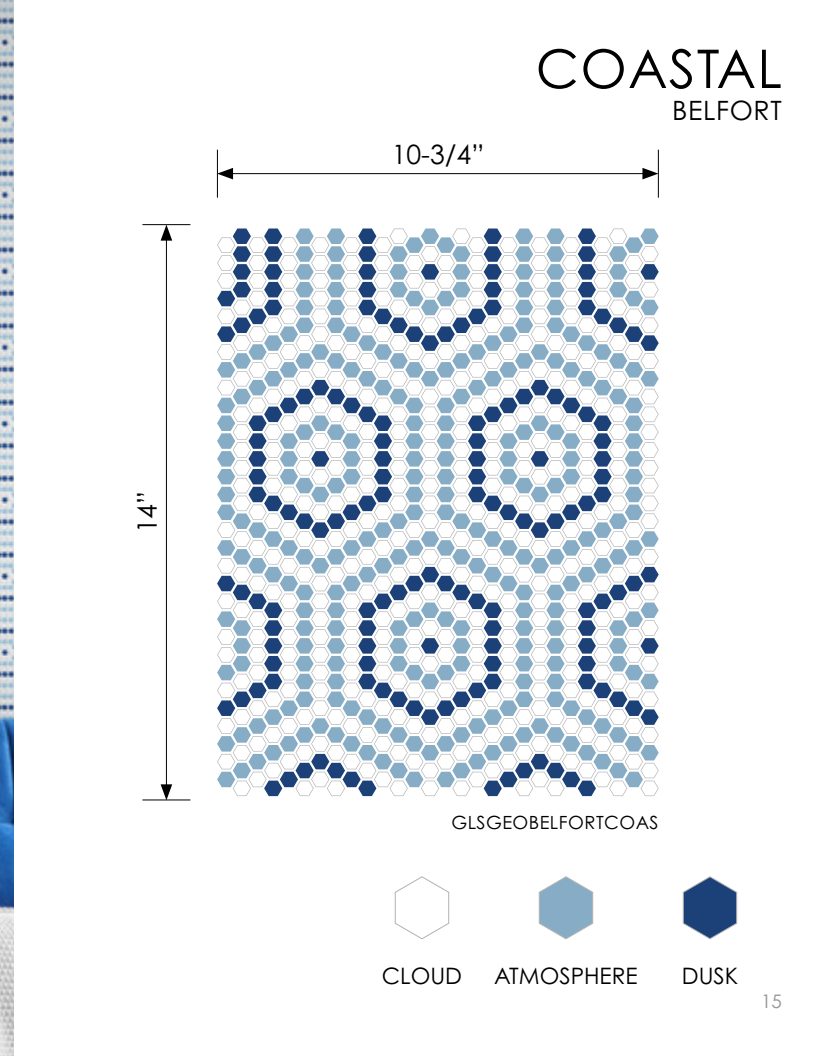
CLOUD



ATMOSPHERE



DUSK



BOURGES

MATERIAL
RECYCLED GLASS

FINISH
MATTE

SF/SHEET
1.13

SF/CASE
7.91

CASE QUANTITY
7 PCS

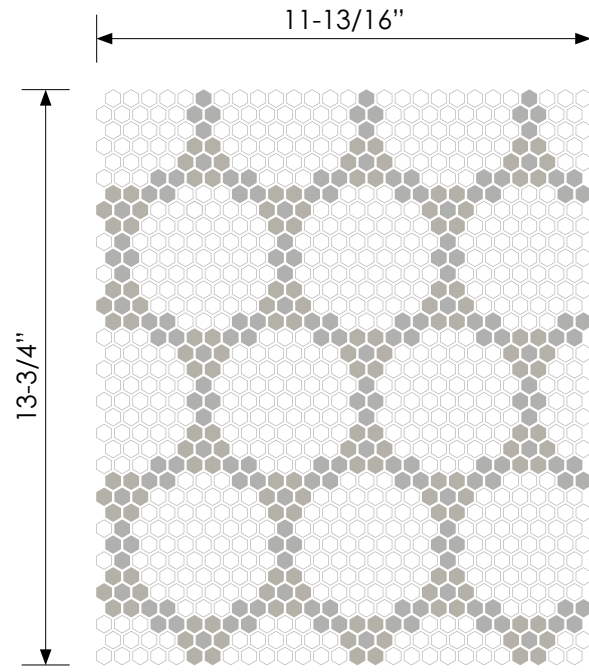
PC SIZE



3/8"



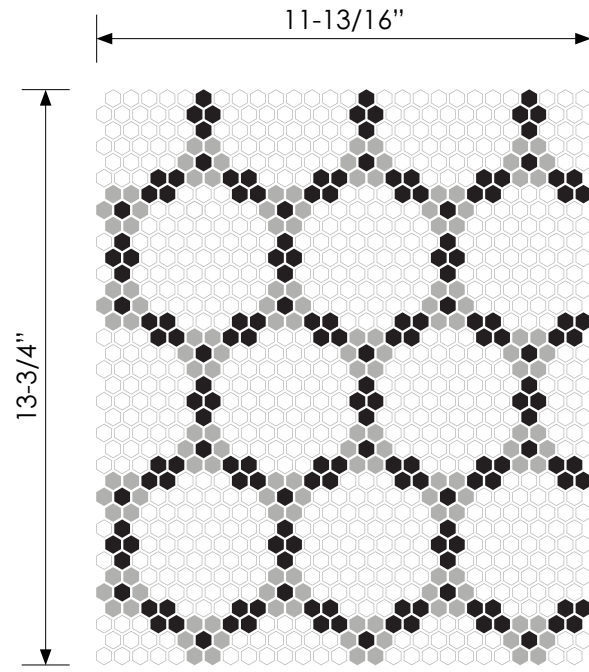
COUNTRY BOURGES



GLSGEBOURGESCOUN



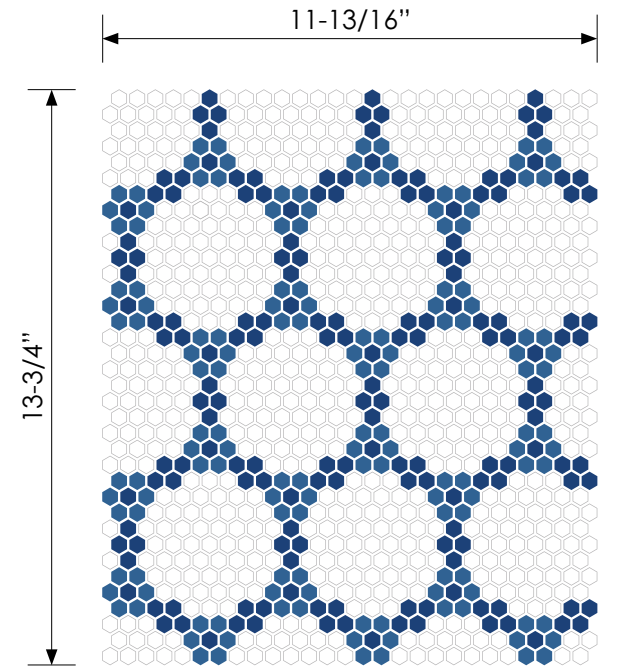
CLASSIC BOURGES



GLSGEBOURGESCLAS



COASTAL BOURGES



GLSGEBOURGESCOAS



DIJON

MATERIAL
RECYCLED GLASS

FINISH
MATTE

SF/SHEET
1.13

SF/CASE
7.91

CASE QUANTITY
7 PCS

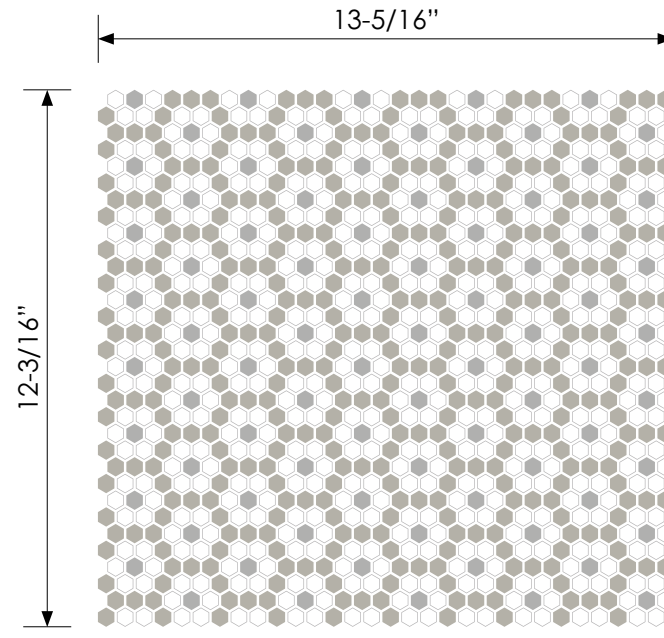
PC SIZE



3/8"



COUNTRY DIJON



GLSGEODIJONCOUN



CLOUD



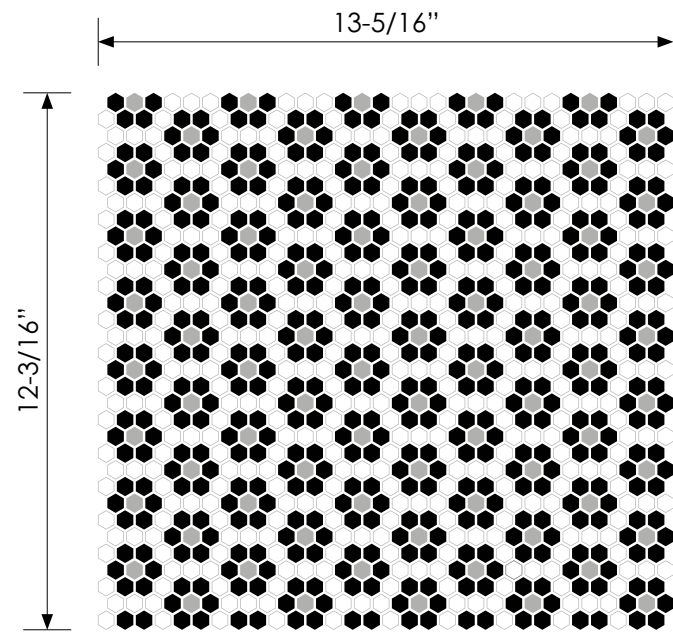
SMOKE



FLAXEN



CLASSIC DIJON



GLSGEODIJONCLAS



CLOUD



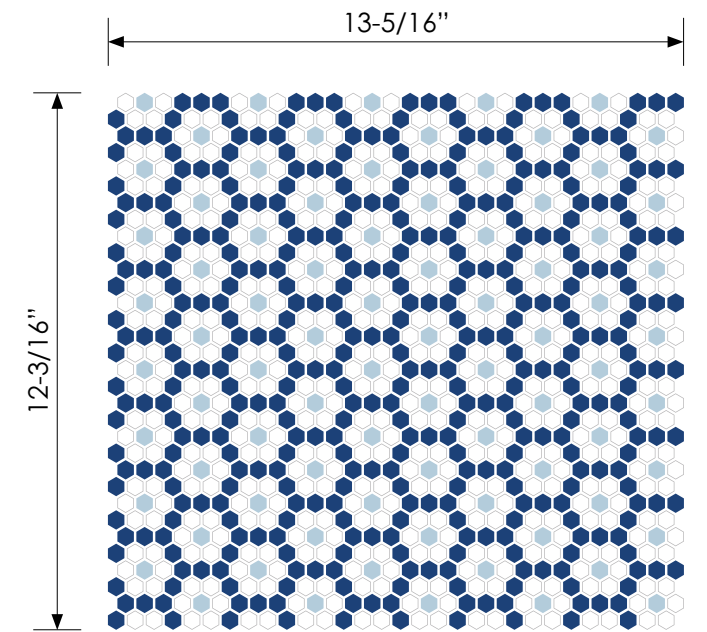
SMOKE



FLINT



COASTAL DIJON



GLSGEODIJONCOAS



CLOUD



GLACIER



DUSK

TULLE

MATERIAL
RECYCLED GLASS

FINISH
MATTE

SF/SHEET
0.94

SF/CASE
6.58

CASE QUANTITY
7 PCS

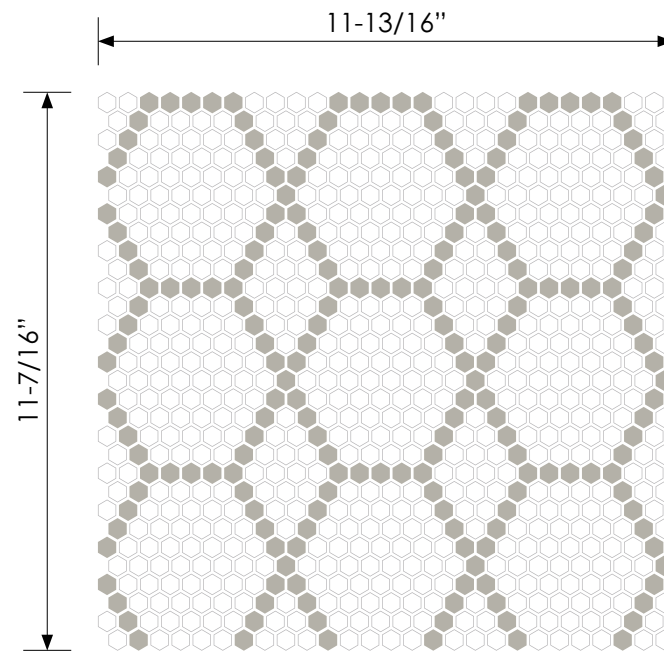
PC SIZE



3/8"



COUNTRY TULLE



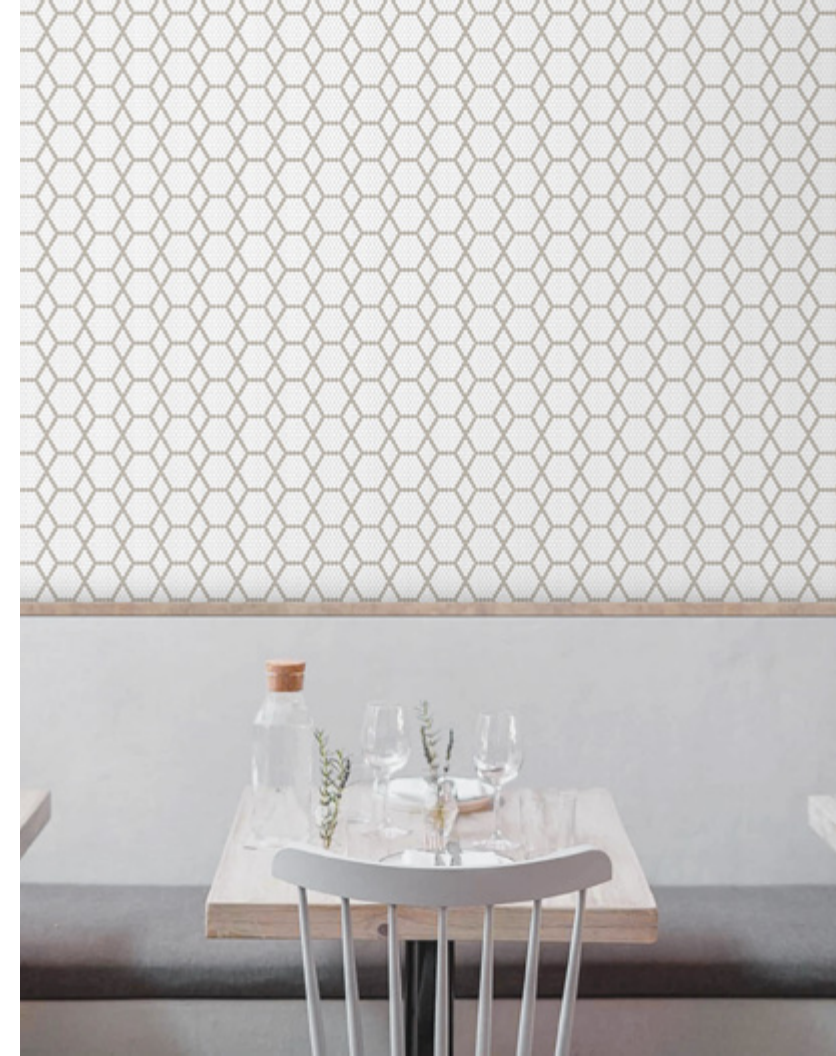
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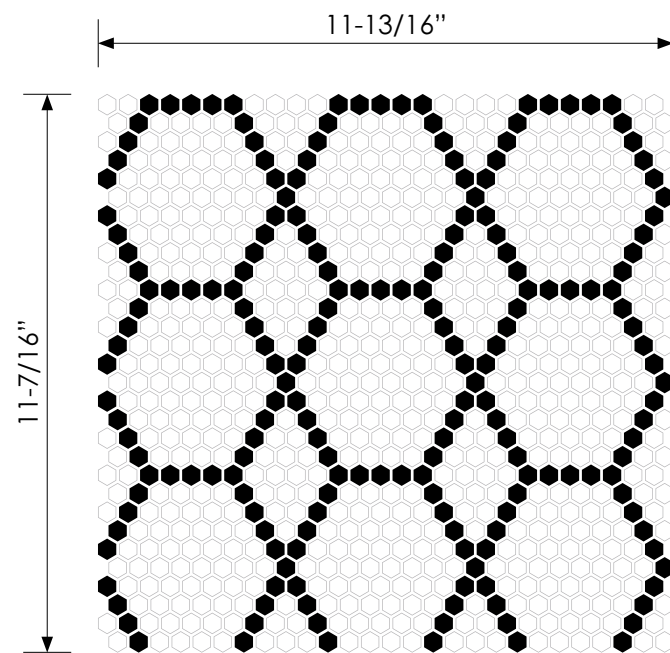
CLOUD



FLAXEN



CLASSIC TULLE



GLSGEOTULLECLAS



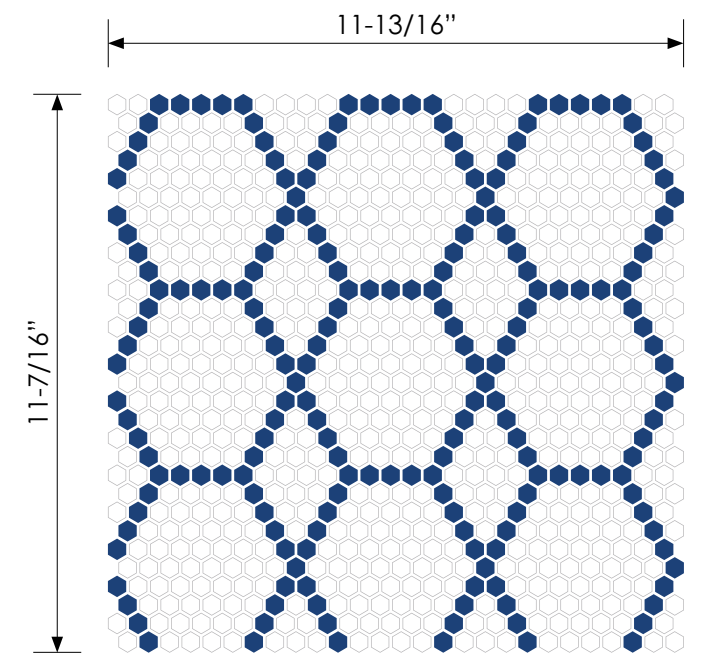
CLOUD



FLINT



COASTAL TULLE



GLSGEOTULLECOAS



CLOUD



DUSK

SOLID SQUARE

MATERIAL
RECTIFIED RECYCLED GLASS

FINISH
MATTE

SF/SHEET
1.00

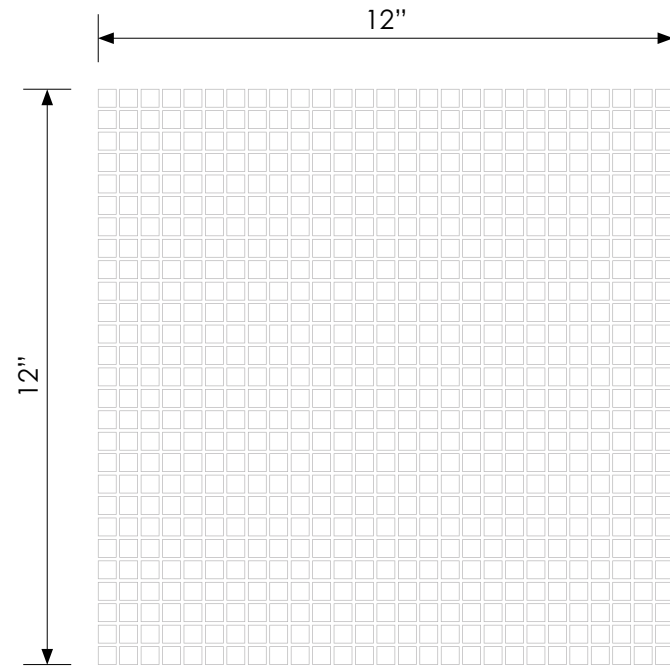
SF/CASE
10.00

CASE QUANTITY
10 PCS

PC SIZE



3/8"



SOLID HEXAGON

MATERIAL
RECYCLED GLASS

FINISH
MATTE

SF/SHEET
1.01

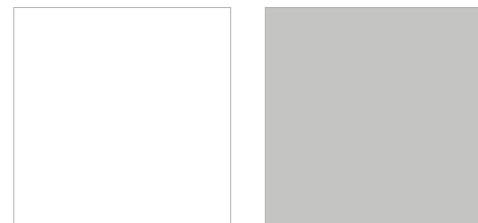
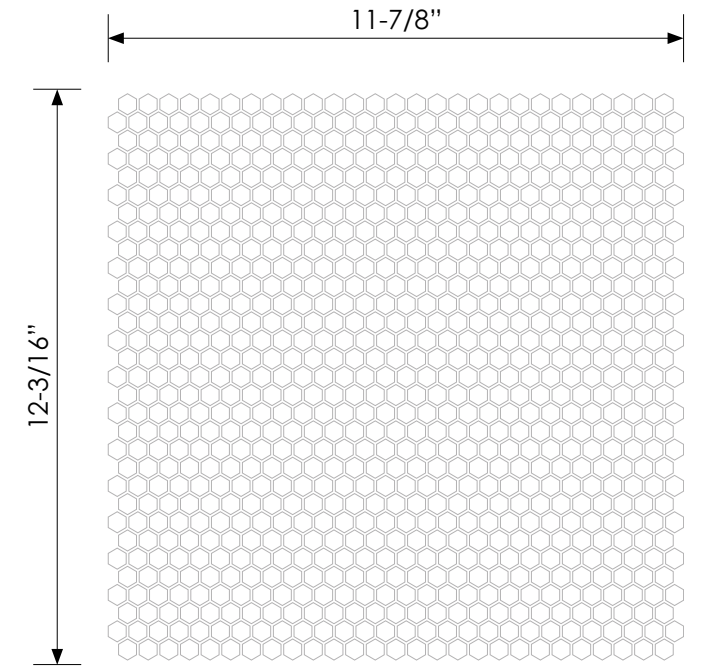
SF/CASE
7.07

CASE QUANTITY
7 PCS

PC SIZE



3/8"



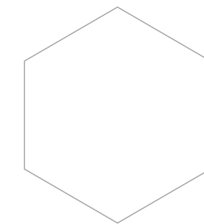
CHALK
GLSGEOSOLIDCHALS2

FROST
GLSGEOSOLIDFROSS2



GRAPHITE
GLSGEOSOLIDGRAPS2

RAVEN
GLSGEOSOLIDRAVES2



CLOUD
GLSGEOSOLIDCLOU



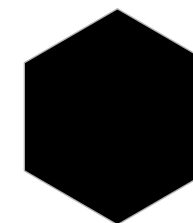
FLAXEN
GLSGEOSOLIDFLAX



SMOKE
GLSGEOSOLIDSMOK



DUSK
GLSGEOSOLIDDUSK



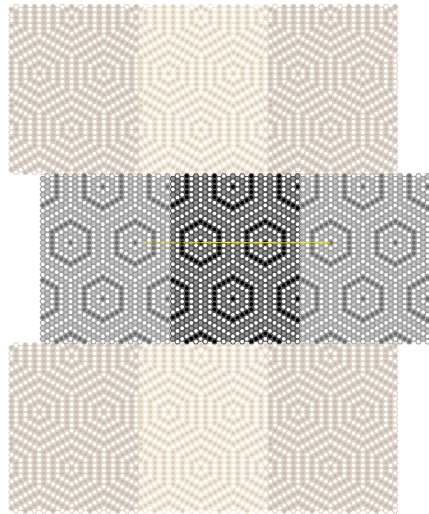
FLINT
GLSGEOSOLIDFLIN



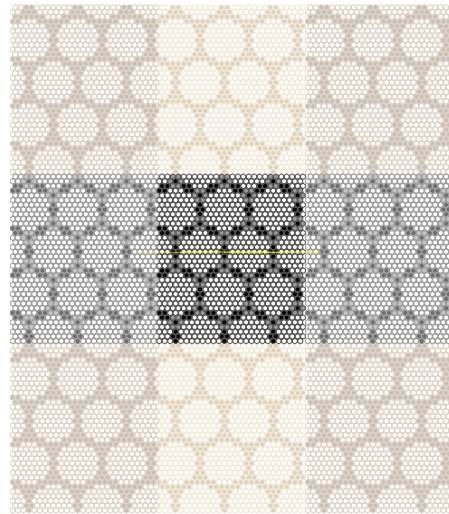
PATTERN DIAGRAMS

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.

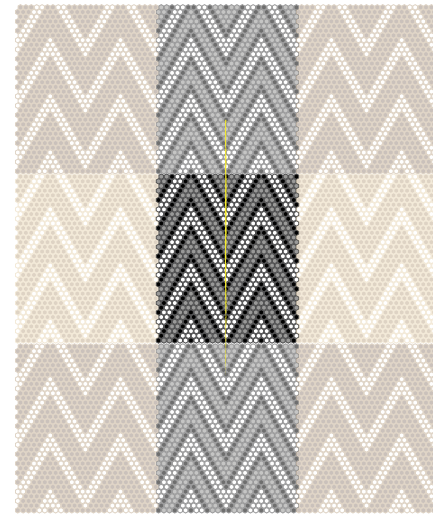
BELFORT



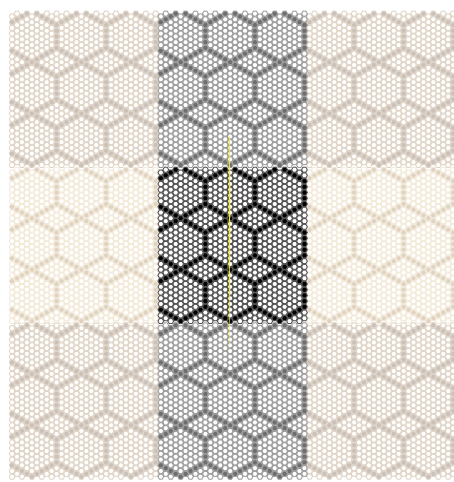
BOURGES



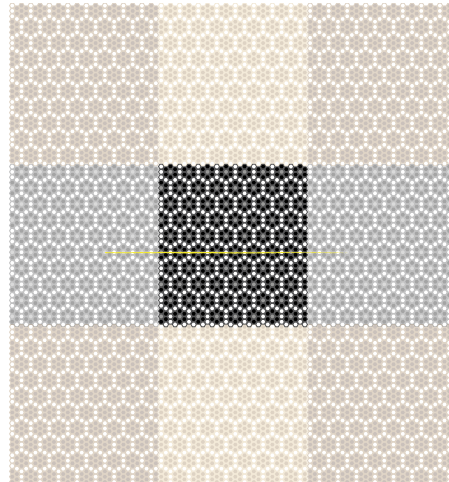
AMIENS



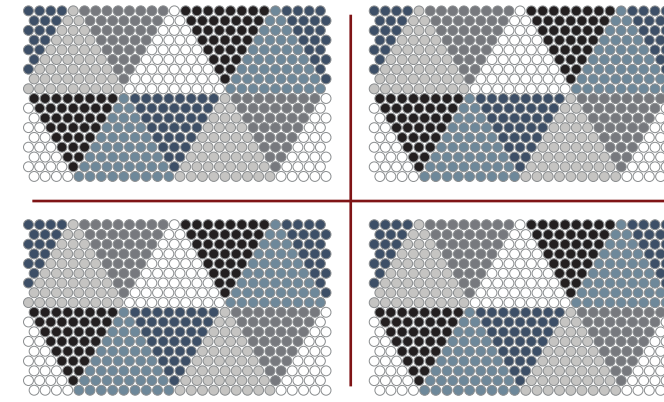
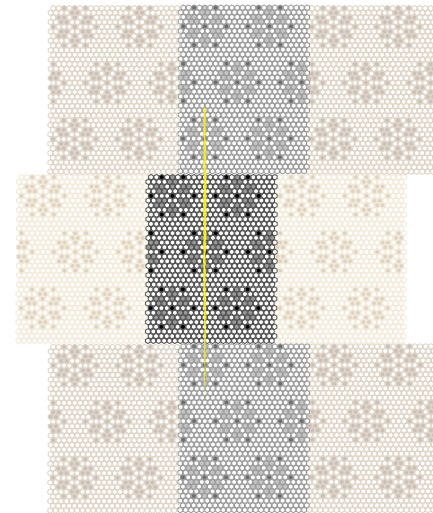
TULLE



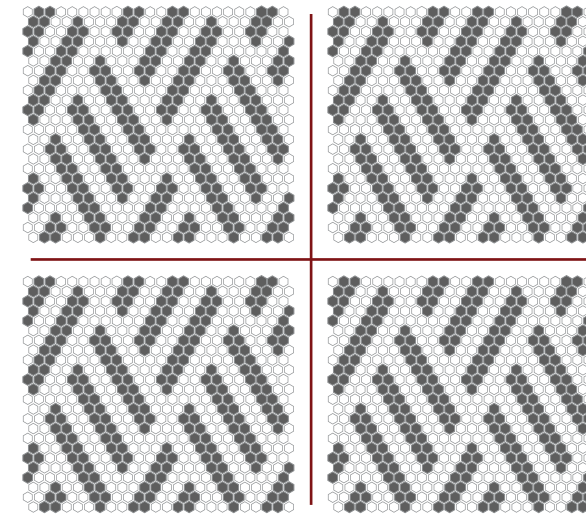
DIJON



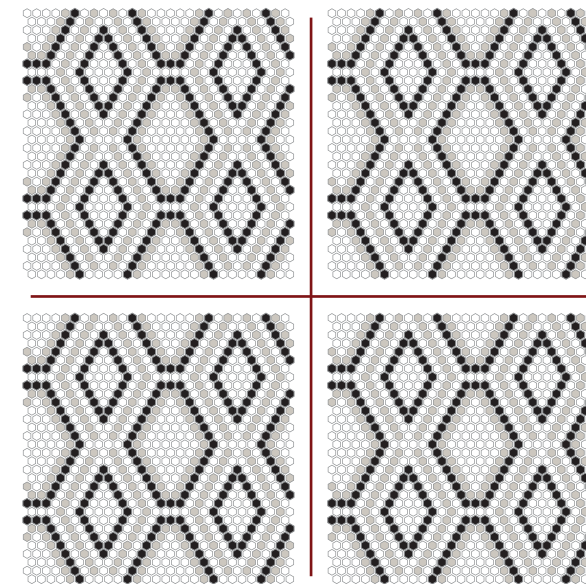
BAYEUX



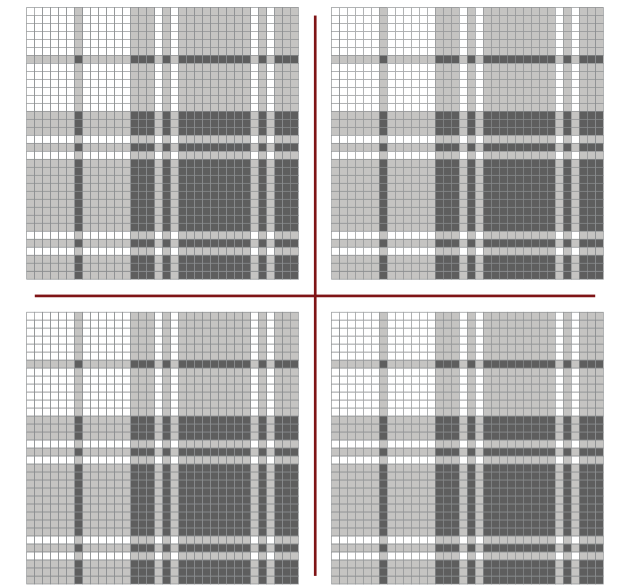
HYGGE



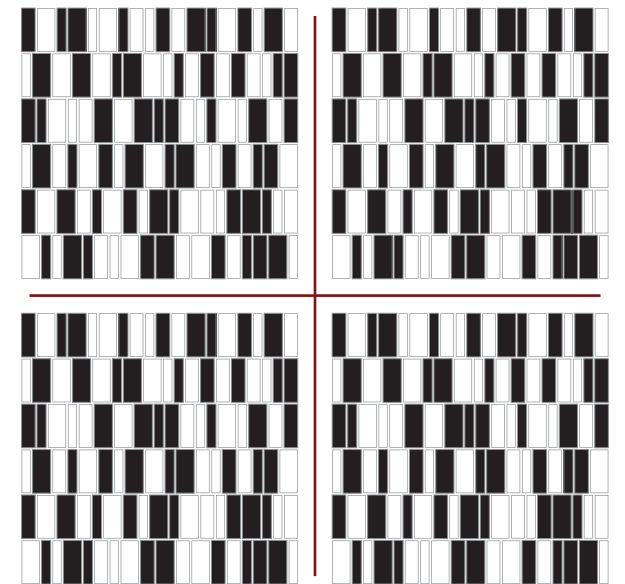
MISSONI



PYTHON



HIGHLAND



BARCODE

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

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 SealantV

Grout

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

- Non-sanded grout – due to shrinkage
- Consult grout manufacturers before considering blue, green or red grout in submerged applications.

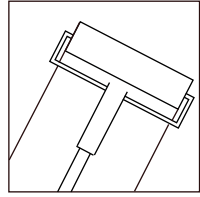
Anti-Fracture/Waterproofing Membranes

- 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 & anifracture membrane
- Tec: T1-324 Triple-Flex waterproofing/crack isolation membrane
- Xypex: Concentrate

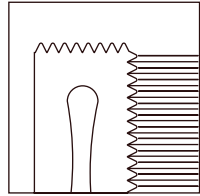
We do not recommend membranes directly behind the setting material when installing translucent or transparent glass tile.

INSTALLATION GUIDELINES

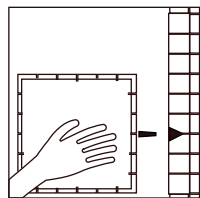
FOLLOW EACH STEP AS DIRECTED FOR BEST RESULTS



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



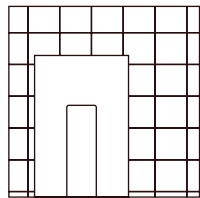
Use a V-notch trowel to apply a white glass tile thin-set mortar.
Comb notches in one direction.



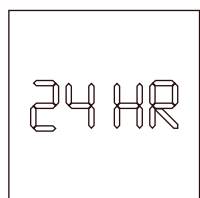
Set sheets into thin-set

*Either face-tape side out or mesh side to the wall.
*Geometro shapes 10mm or above come facetaped.

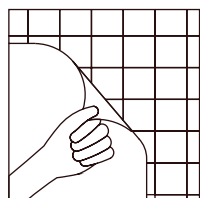
10mm & below are back mesh mounted.



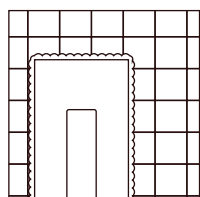
Lightly tap sheets with rubber grout float.



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



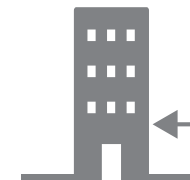
Linear Thermal Expansion Tested



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



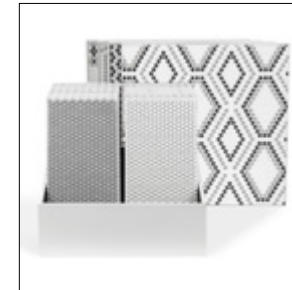
Made from 98% pre-consumer recycled glass
 Tiles are mounted on 96% pre-consumer materials including both the mesh and glue
 Lead-Free
 Non-Toxic
 No VOC off-gassing

DISPLAY OPTIONS



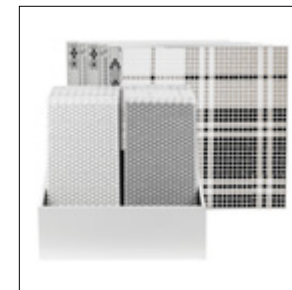
OPTION A
 Set of (40) 7X14 PVC Display Trays
 Geometro Recycled Glass Mosaics
 Sheets glue to PVC Trays – No Grout
 Includes a White Wooden Box

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

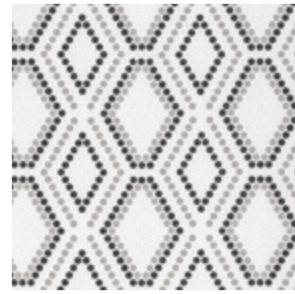
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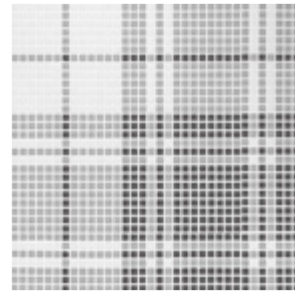
OPTION C
 Set of (40) 7X14 PVC Display Trays
 Geometro Recycled Glass Mosaics
 Sheets glue to PVC Trays – No Grout
 Includes a White Wooden Box
 Plus (12) 18X18 Grouted Boards
 *Make Individual selections down below

GLSGEODISPLAYOPTC12

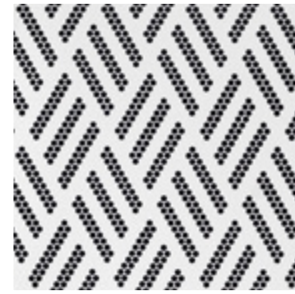
DISPLAY OPTIONS



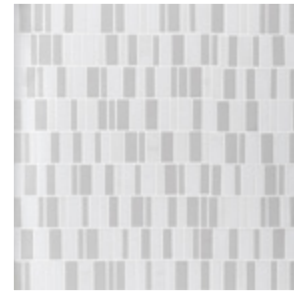
PYTHON HYDRA
GLSGEOPYTHD-1818



HIGHLAND LANCASTER
GLSGEOHIGLAN-1818



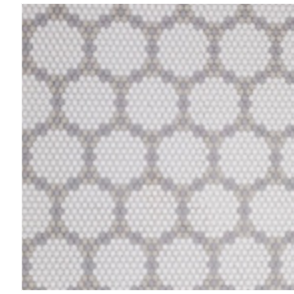
MISSONI VINTAGE
GLSGEOMISVIN-1818



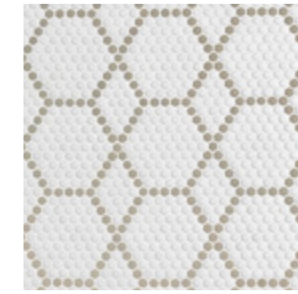
BARCODE PUZZLE
GLSGEOBARPUZ-1818



BAYEUX COUNTRY
GLSGEOBAYCOUN-1818



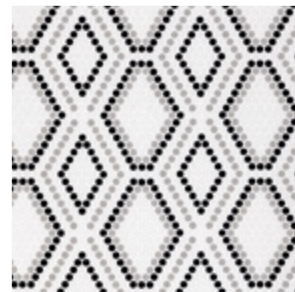
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GLSGEOBOUCOUN-1818



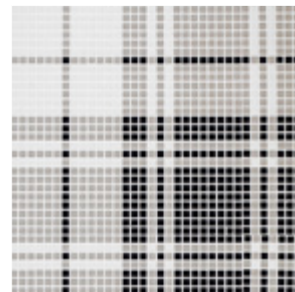
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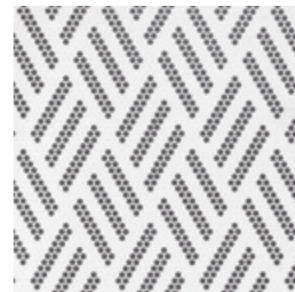
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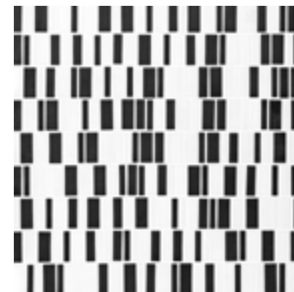
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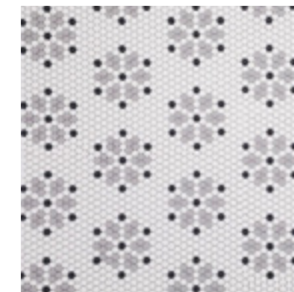
HIGHLAND PRESTON
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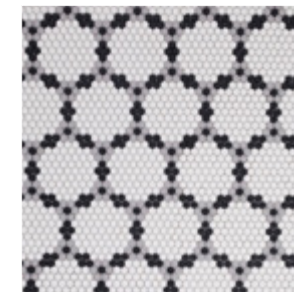
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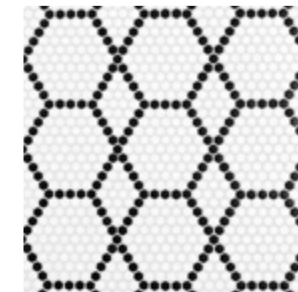
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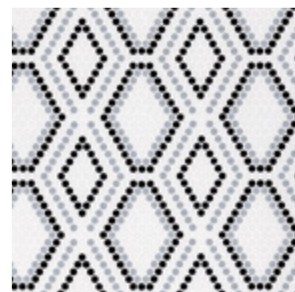
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TULLE CLASSIC
GLSGEOTULCLAS-1818



BELFORT CLASSIC
GLSGEOBELCLAS-1818



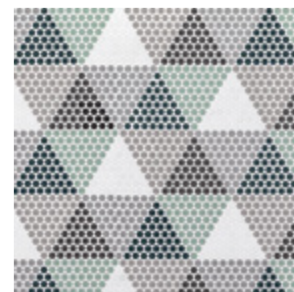
PYTHON HOPI
GLSGEOPYTHOP-1818



HIGHLAND BRISTOL
GLSGEOHIGBRI-1818



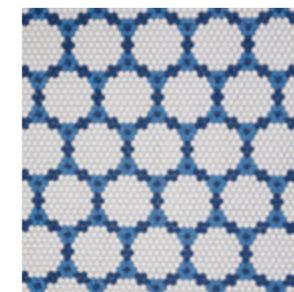
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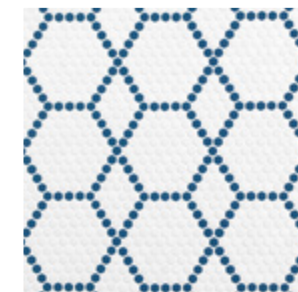
HYGGE LOG
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BAYEUX COASTAL
GLSGEOBAYCOAS-1818



BOURGES COASTAL
GLSGEOBOUCOAS-1818



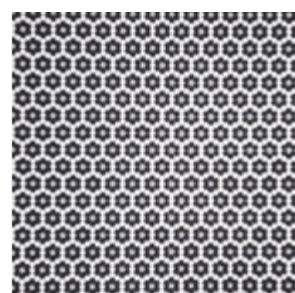
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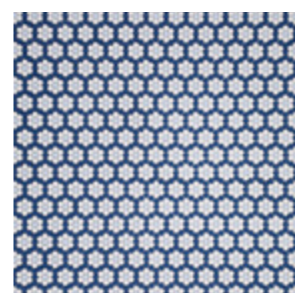
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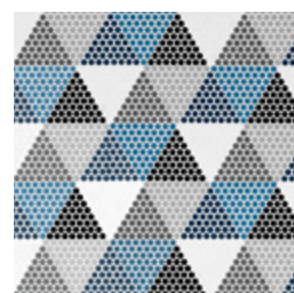
DIJON COUNTRY
GLSGEODIJCOUN-1818



DIJON CLASSIC
GLSGEODIJCLAS-1818



DIJON COASTAL
GLSGEODIJCOAS-1818



HYGGE GLOW
GLSGEOHYGGLO-1818



AMIENS COUNTRY
GLSGEOAMICOUN-1818



AMIENS CLASSIC
GLSGEOAMICLAS-1818



AMIENS COASTAL
GLSGEOAMICOAS-1818



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