



2026

2027

POOL & SPA TILE COLLECTION

BY TESORO



INTERNATIONAL WHOLESALE TILE, LLC

WWW.IWTTESORO.COM



2026

2027

POOL & SPA TILE COLLECTION

BY INTERNATIONAL WHOLESale TILE, LLC

Porcelain Tiles

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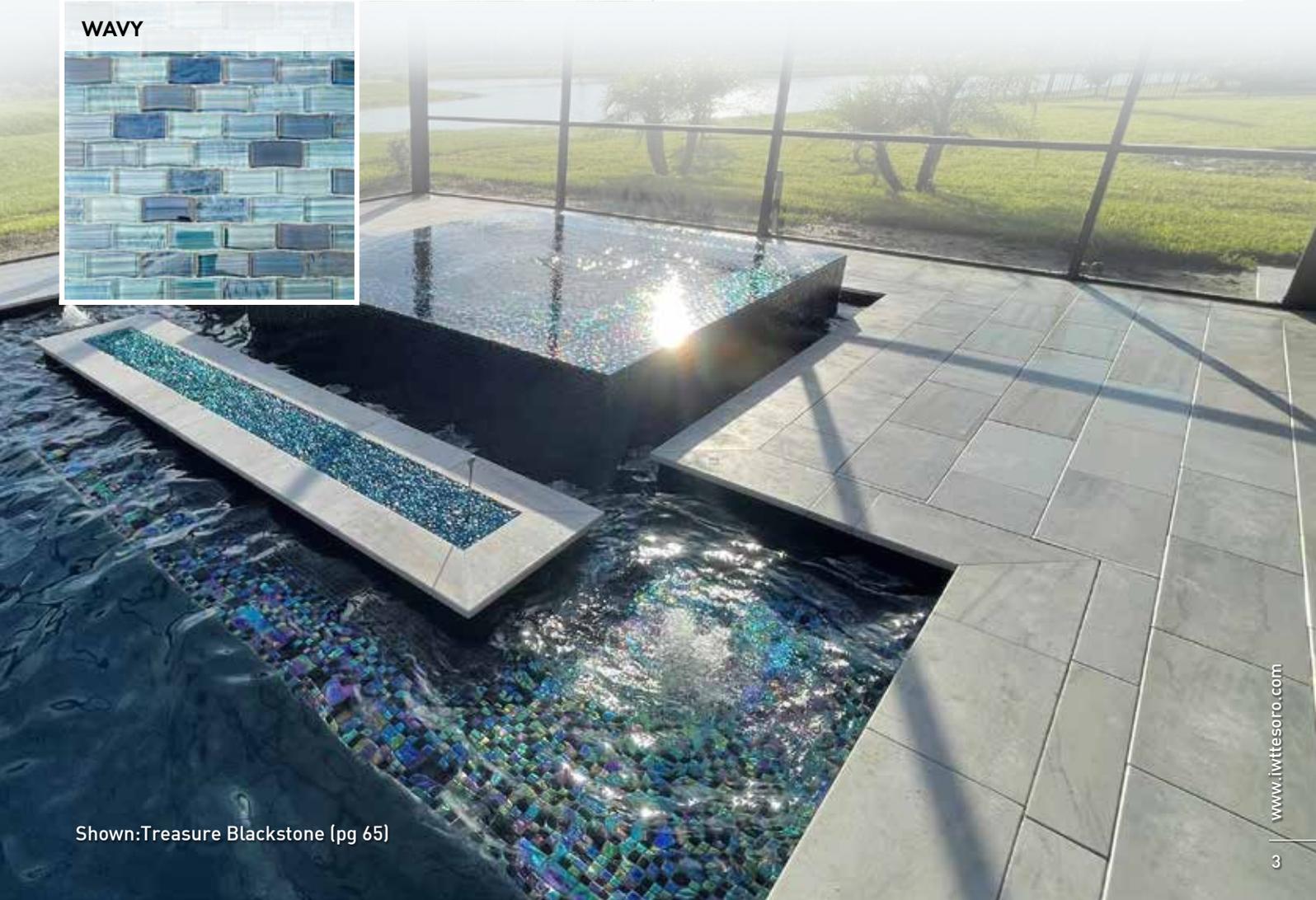
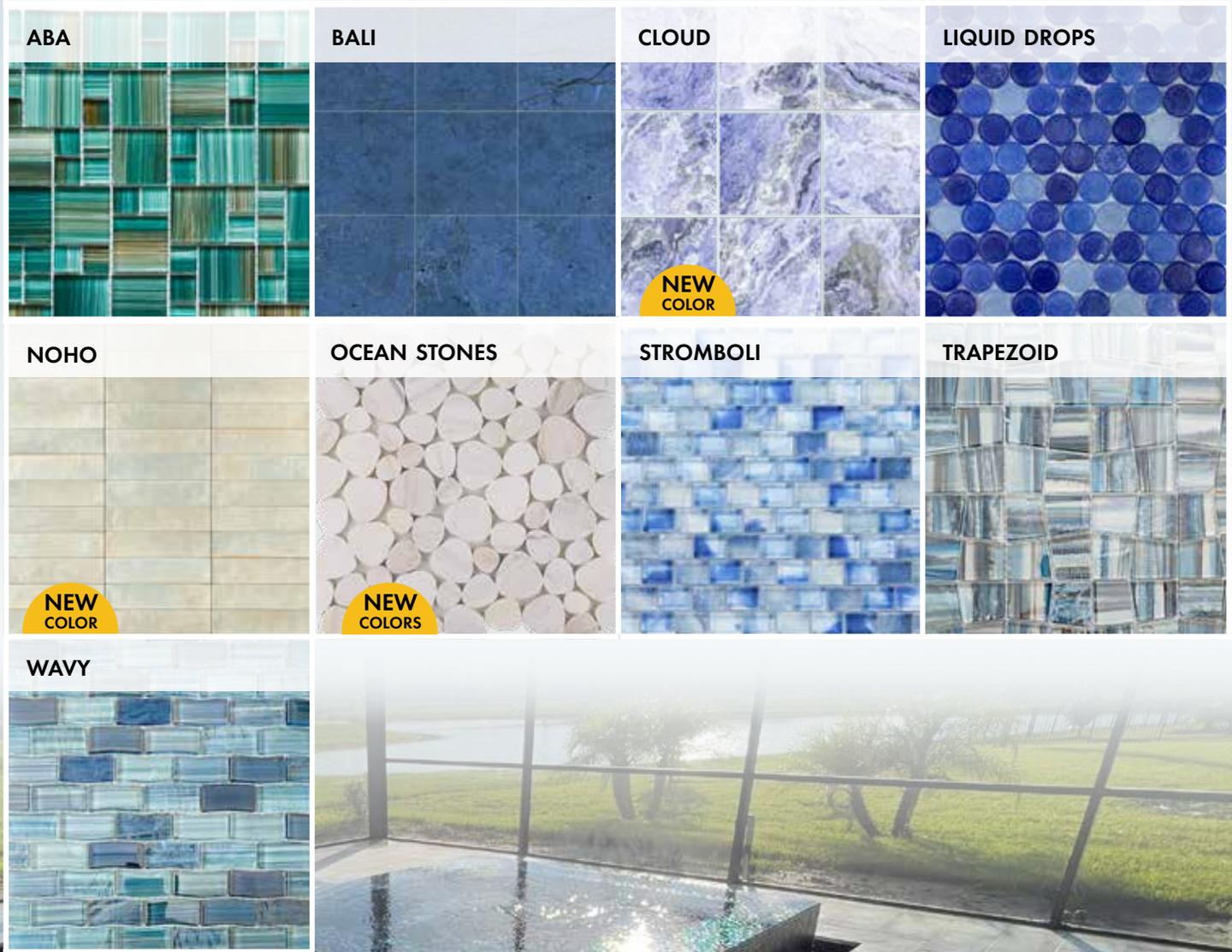
Learn more at www.iwttesoro.com



Cover Photo: Cloud Aqua 6x20

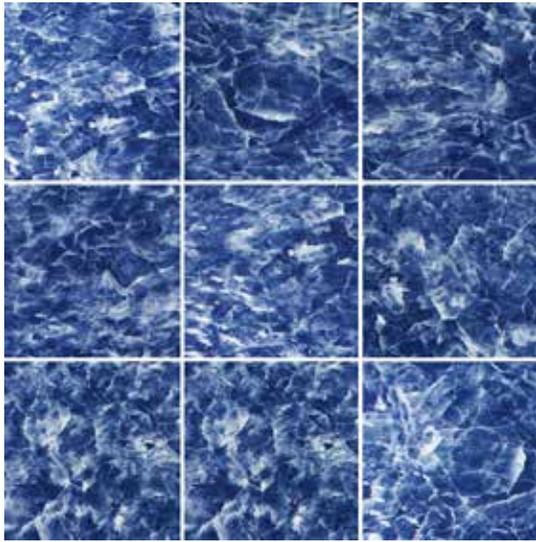


NEW POOL & SPA TILE COLLECTION

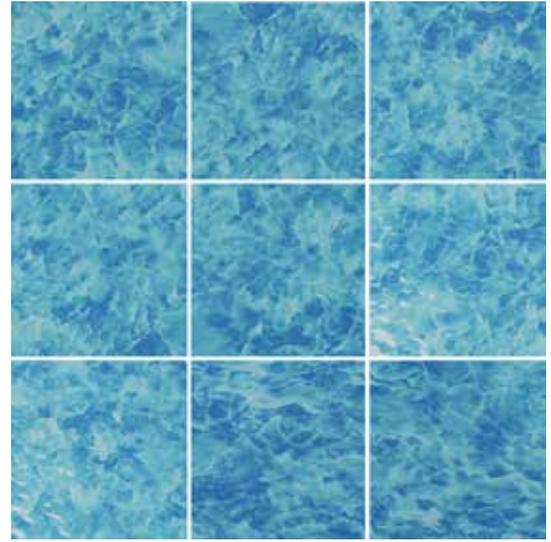


Shown: Treasure Blackstone (pg 65)

ALPS  
v3



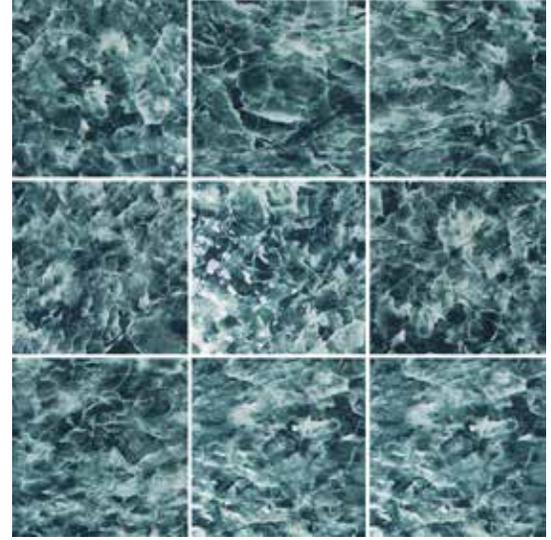
Cobalt 6x6 Glossy (Range)



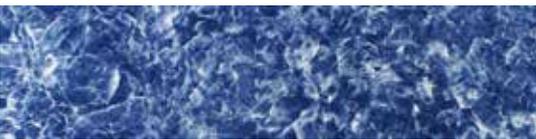
Blue Green 6x6 Glossy (Range)



Ice White 6x6 Glossy (Range)



Marine 6x6 Glossy (Range)



Cobalt 6x24 Glossy



Blue Green 6x24 Glossy



Ice White 6x24 Glossy

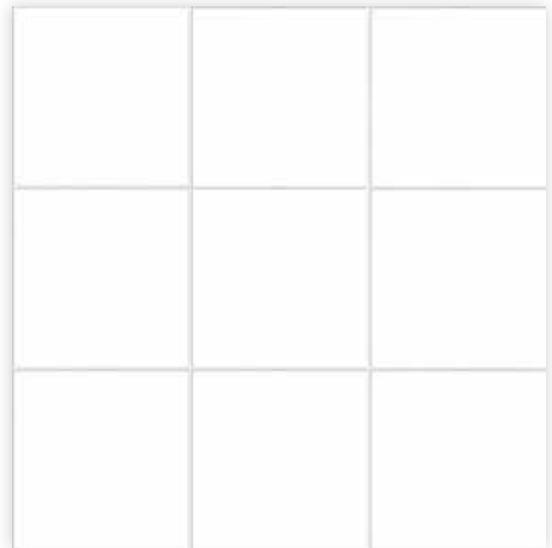


Marine 6x24 Glossy

ANCIENT v3



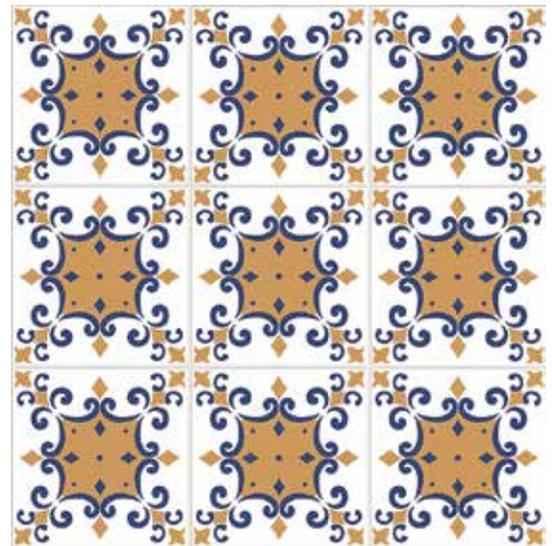
Barcelona 6x6 Matte (Range)



NEW! **Blanco** 6x6 Matte (Range)



Cordova 6x6 Matte (Range)



San Sebastian 6x6 Matte (Range)



Seville 6x6 Matte (Range)

ANCIENT FLORIDITA V3



Aqua 6x6 Matte (Range)

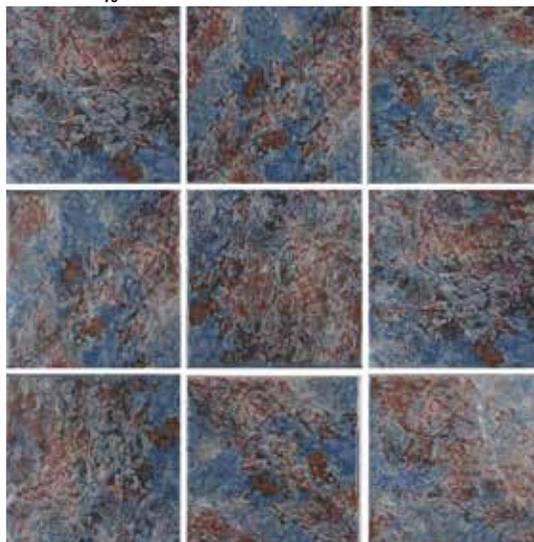


Azul Blue 6x6 Matte (Range)



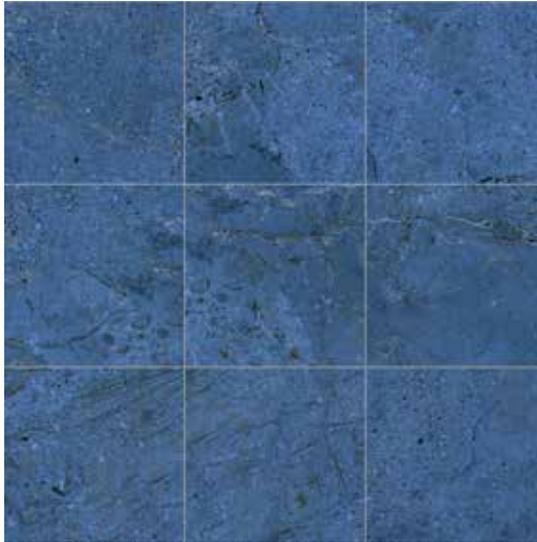
Santa Cruz 6x6 Matte (Range)

ASIA V3

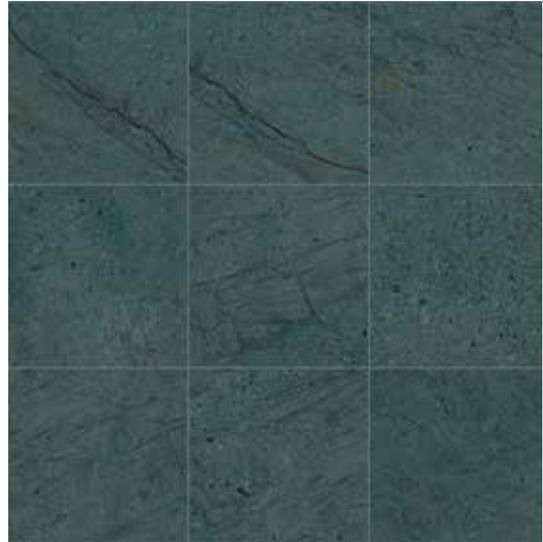


Blue 6x6 Matte (Range)

BALI 
V3



NEW! Cobalt Blue 6x6 Glossy (Range)



NEW! Cromium Green 6x6 Glossy (Range)



NEW! Ocean Blue 6x6 Glossy (Range)



NEW! Cobalt Blue 6x24 Glossy



NEW! Cromium Green 6x24 Glossy

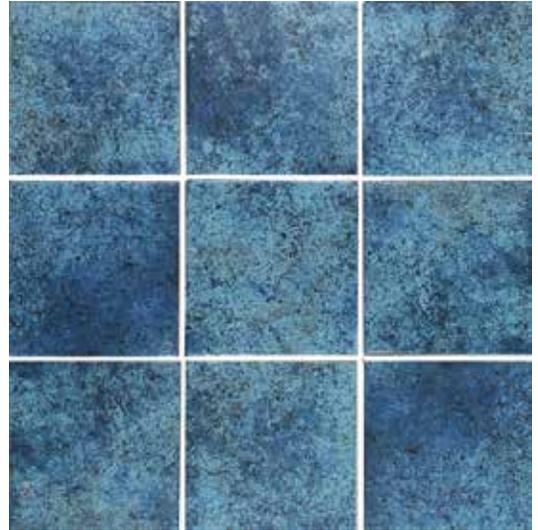


NEW! Ocean Blue 6x24 Glossy

BALTIC II V3



Aqua Marine 6x6 Matte (Range)



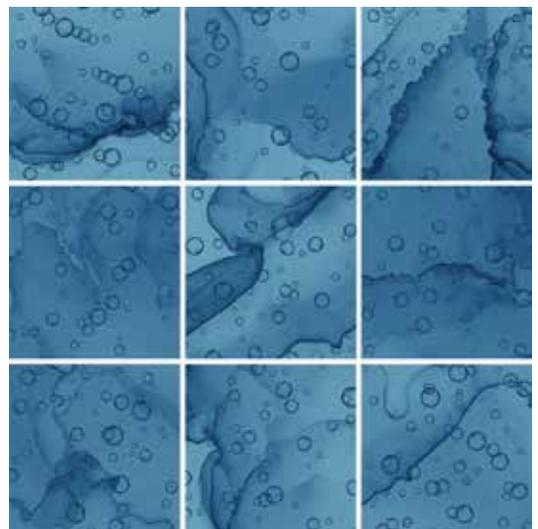
Blue 6x6 Matte (Range) * ALSO AVAILABLE IN 6X6 BULLNOSE.

BARBADOS V3



Blue 6x6 Glossy (Range)

BUBBLES V3



Blue 6x6 Glossy (Range)

CANYON V3



Sunset 6x6 Glossy (Range)

CLOUD v3

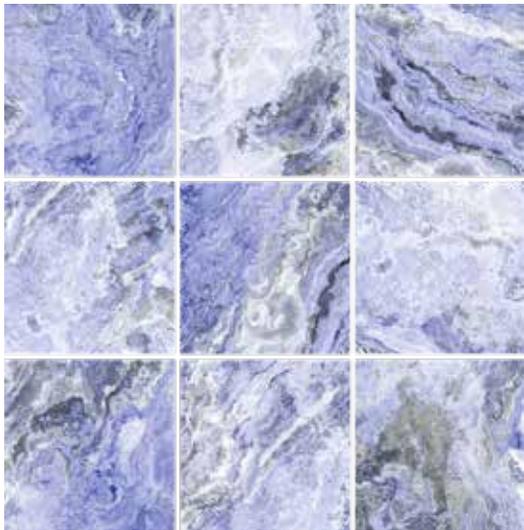


Aqua 6x6 Glossy (Range)

* ALSO AVAILABLE IN 6x6 BULLNOSE.

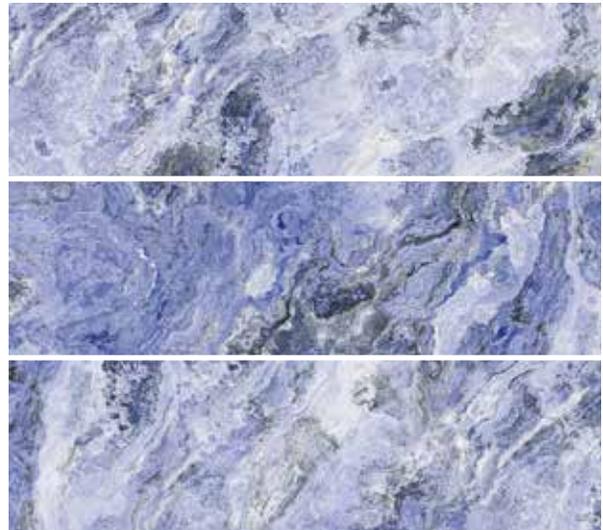


Aqua 6x20 Glossy (Range)



NEW! Cobalt 6x6 Glossy (Range)

* ALSO AVAILABLE IN 6x6 BULLNOSE.

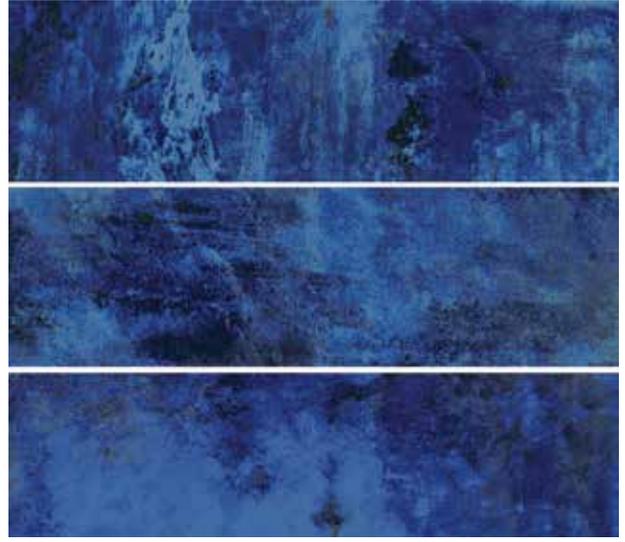


NEW! Cobalt 6x20 Glossy (Range)

CORAL



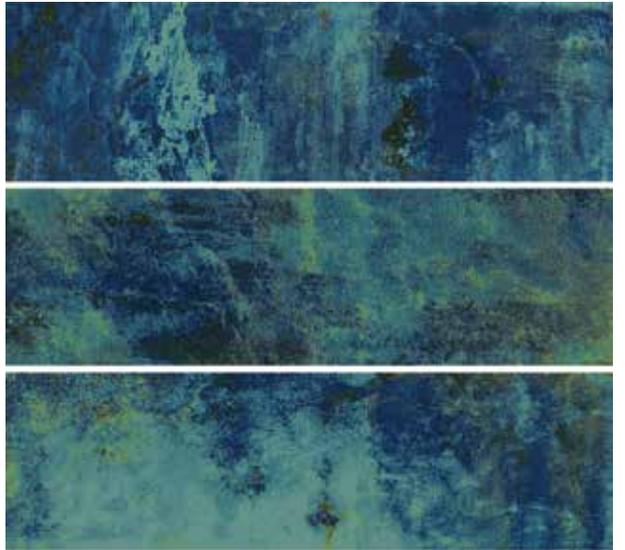
Blu 6x6 Glossy (Range) * ALSO AVAILABLE IN 6X6 BULLNOSE.



Blu 6x20 Glossy (Range)

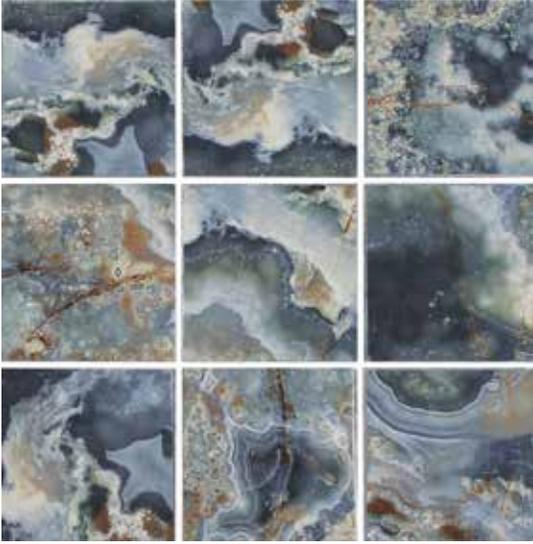


Green 6x6 Glossy (Range) * ALSO AVAILABLE IN 6X6 BULLNOSE.

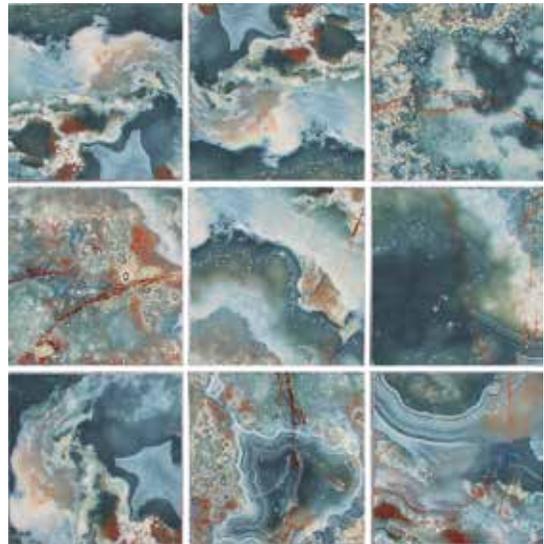


Green 6x20 Glossy (Range)

CROSS V3



Blue 6x6 Glossy (Range)



Multicolor 6x6 Glossy (Range)

DISTRICT V3



Bianco 6x6 Matte (Range)



Beige 6x6 Matte (Range)

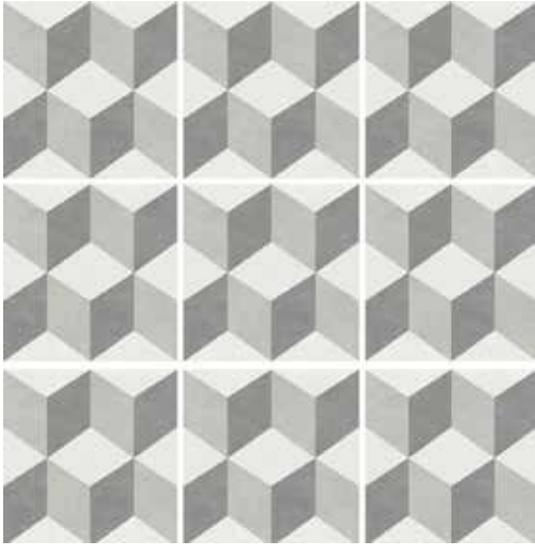


Grigio 6x6 Matte (Range)



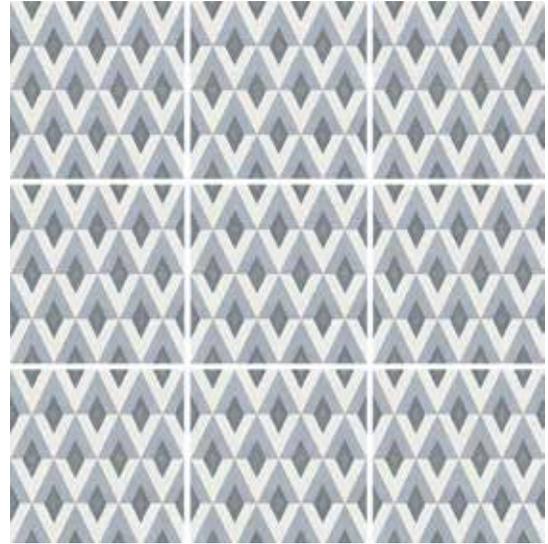
Nero 6x6 Matte (Range)

FIORE 



Brina 6x6 Matte (Range)

****CAUTION**:** Installation requires attention to pattern.



Fiorella 6x6 Matte (Range)

****CAUTION**:** Installation requires attention to pattern.

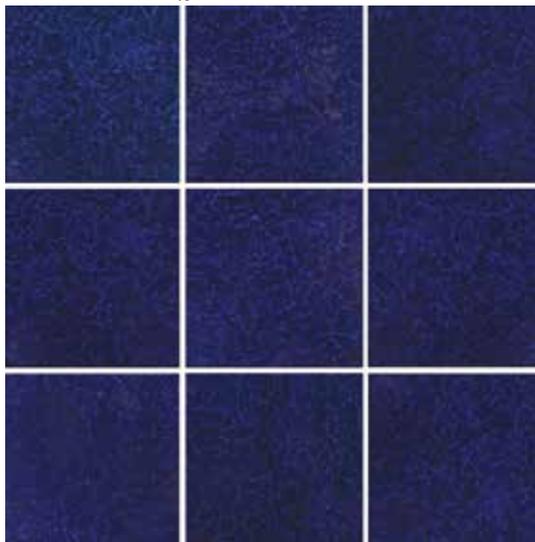


Gina 6x6 Matte (Range)



Martia 6x6 Matte (Range)

FUSION II 



Cobalt 6x6 Glossy (Range) * ALSO AVAILABLE IN 6X6 BULLNOSE.



Denim 6x6 Glossy (Range) * ALSO AVAILABLE IN 6X6 BULLNOSE.

FLEUR 
v2



Antoinette 6x6 Matte (Range)



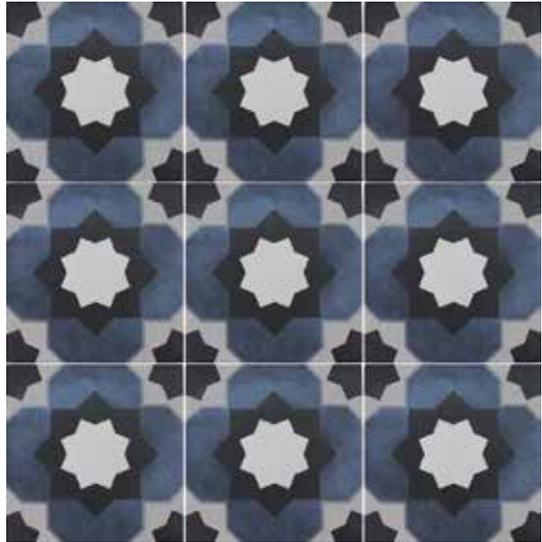
Geraldine 6x6 Matte (Range)

****CAUTION****: Installation requires attention to pattern.



Isabelle 6x6 Matte (Range)

****CAUTION****: Installation requires attention to pattern.



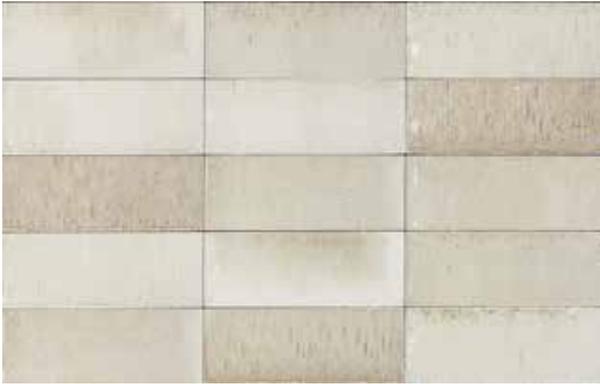
Janette 6x6 Matte (Range)



Laure 6x6 Matte (Range)

****CAUTION****: Installation requires attention to pattern.

GLEEZE 
V4



Beige 3x8 Glossy (Range)



Beige 2x6 Glossy (Range)



Bianco 3x8 Glossy (Range)



Bianco 2x6 Glossy (Range)



Giada 3x8 Glossy (Range)



Giada 2x6 Glossy (Range)

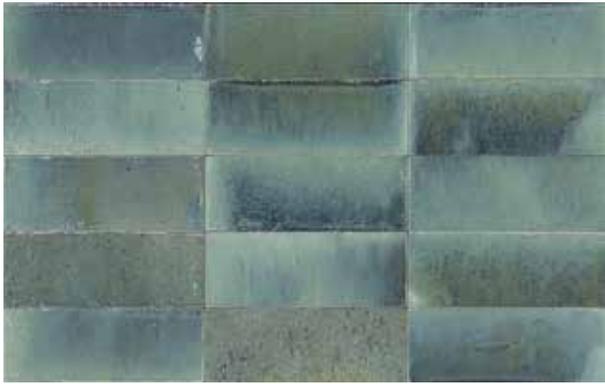


Grigio 3x8 Glossy (Range)



Grigio 2x6 Glossy (Range)

GLEEZE (Cont.) 
V4

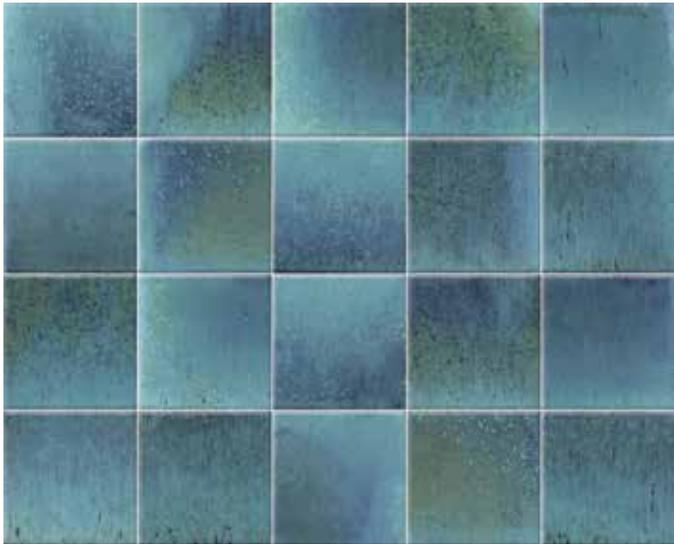


Turchese 3x8 Glossy (Range)



Turchese 2x6 Glossy (Range)

GLEE 
V4

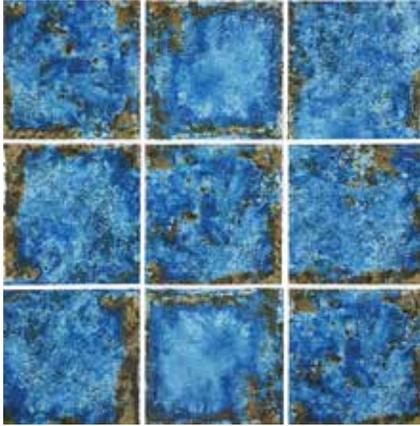


Turchese 6x6 Glossy (Range)

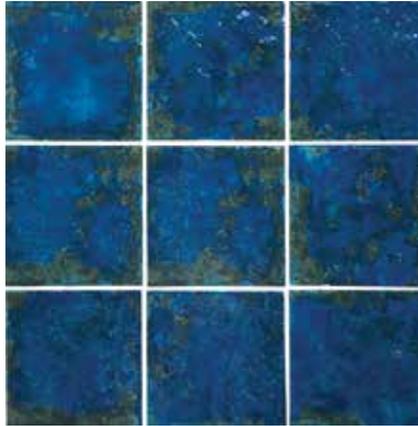


Giada 6x6 Glossy (Range)

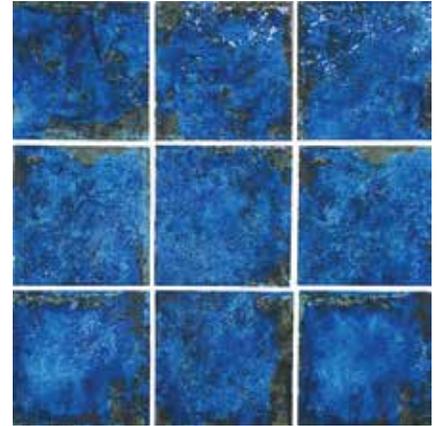
LAGOON V3



Murano 6x6 Glossy (Range)



Torcello 6x6 Glossy (Range)



Venezia 6x6 Glossy (Range)

MAIOLICHE V3



Grigio 6x6 Glossy (Range)



Maioliche 1 6x6 Glossy (Range)

****CAUTION**:** Installation requires attention to pattern.

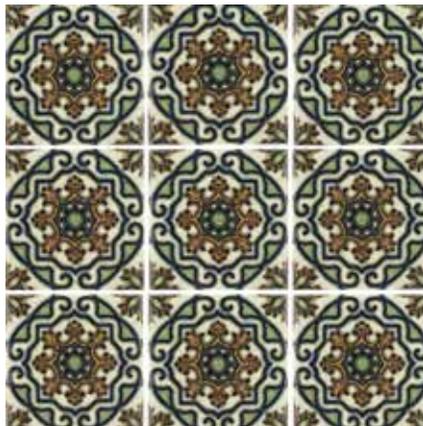


Maioliche 3 6x6 Glossy (Range)

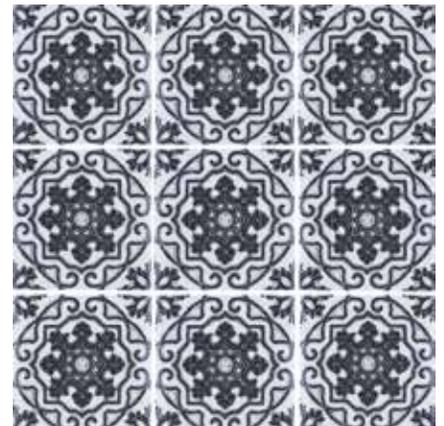
****CAUTION**:** Installation requires attention to pattern.



Maioliche 5 6x6 Glossy (Range)



Maioliche 11 6x6 Glossy (Range)



Maioliche 12 6x6 Glossy (Range)

MAIOLICHE (Cont.) V3



Maioliche 18 6x6 Glossy (Range)

MASSA CALACATTA II V2



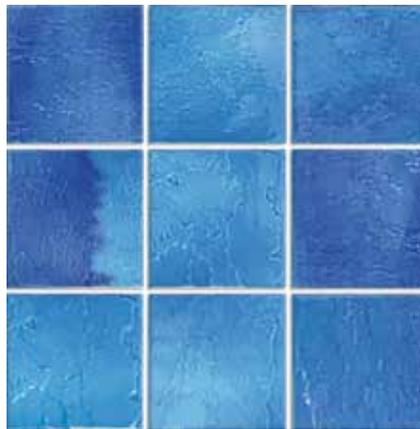
White 6x6 Matte (Range)

* ALSO AVAILABLE IN 6X6 BULLNOSE.

MELANGE V3

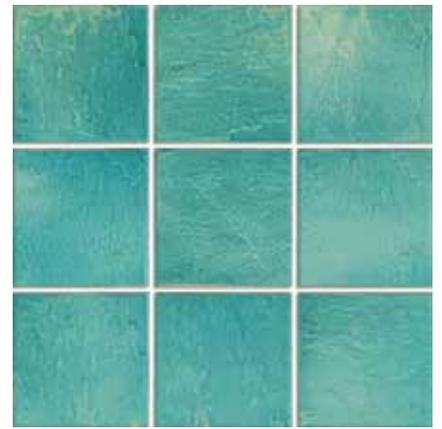


Atlantico Blu Cobalto 6x6 Glossy (Range)



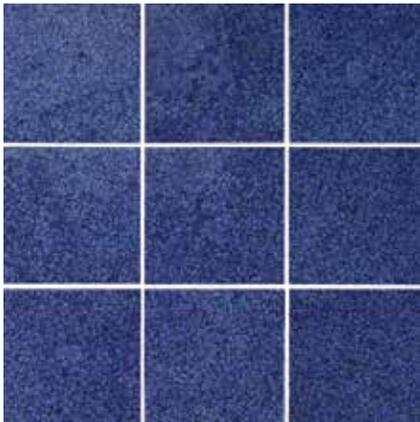
Indiano Azzurro 6x6 Glossy (Range)

(Also Available in 6x12)



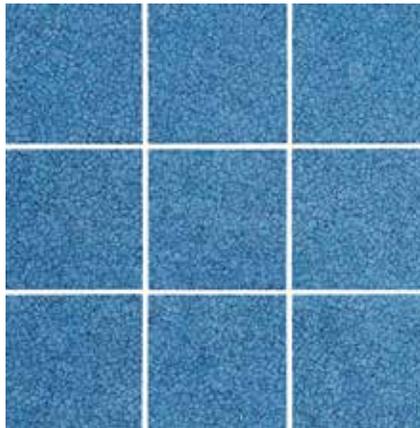
Pacifico Acqua 6x6 Glossy (Range)

MYSTIC V3



Blue 6x6 Glossy (Range)

* AVAILABLE IN 6X6 BULLNOSE.



Aqua 6x6 Glossy (Range)

* AVAILABLE IN 6X6 BULLNOSE.

MARRAKECH



Green 4x4 Glossy (Range)



Green 2x8 Glossy (Range)



Ivory 4x4 Glossy (Range)



Ivory 2x8 Glossy (Range)



Light Blue 4x4 Glossy (Range)



Light Blue 2x8 Glossy (Range)



Ocean 4x4 Glossy (Range)



Ocean 2x8 Glossy (Range)

MARRAKECH (Cont.)



Seawater 4x4 Glossy (Range)



Seawater 2x8 Glossy (Range)



White 4x4 Glossy (Range)



White 2x8 Glossy (Range)



Total White 4x4 Glossy (Range)



Total White 2x8 Glossy (Range)



Total White 4x4 Matte (Range)

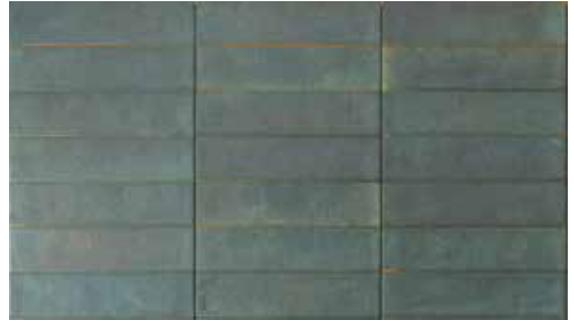


Total White 2x8 Matte (Range)

NOHO 
V2



Blu 2x10 Glossy & Matte Field Tile



Emerald 2x10 Glossy & Matte Field Tile



Ivory 2x10 Glossy & Matte Field Tile



Light Grey 2x10 Glossy & Matte Field Tile



Sage  2x10 Glossy & Matte Field Tile



White 2x10 Glossy & Matte Field Tile

OASIS II 
V3

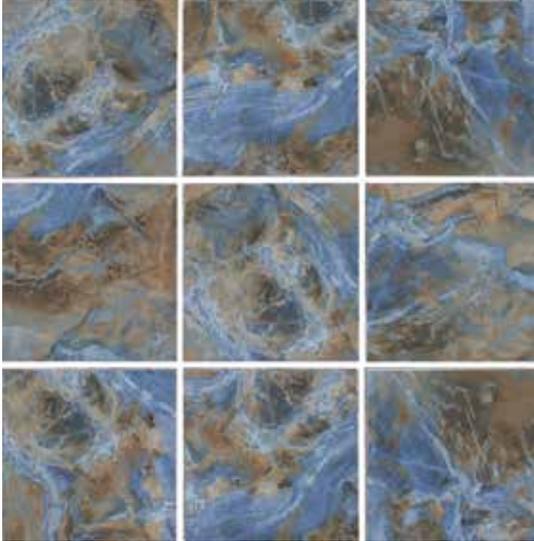


Blue 6x6 Matte (Range)



Marine 6x6 Matte (Range)

OCEAN BLUE V3

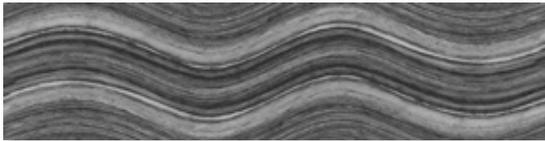


Blue 6x6 Glossy (Range) * AVAILABLE IN 6x6 BULLNOSE.

OCEAN WAVE V2



Aqua Green 6x24 Glossy



Charcoal 6x24 Glossy



Cobalt 6x24 Glossy



Ice White 6x24 Glossy

ONYX V3



Blue 6x6 Glossy (Range)



Green 6x6 Glossy (Range)

PAINT II 
V3



Blue 6x6 Glossy (Range)



Green 6x6 Glossy (Range)

MARMI 
V3



Black 6.25x15.25 Matte (Field Tile)



Grey 6.25x15.25 Matte (Field Tile)



White 6.25x15.25 Matte (Field Tile)

ROCK 
V4



Cream 3x15 Matte (Field Tile)



Green 3x15 Matte (Field Tile)

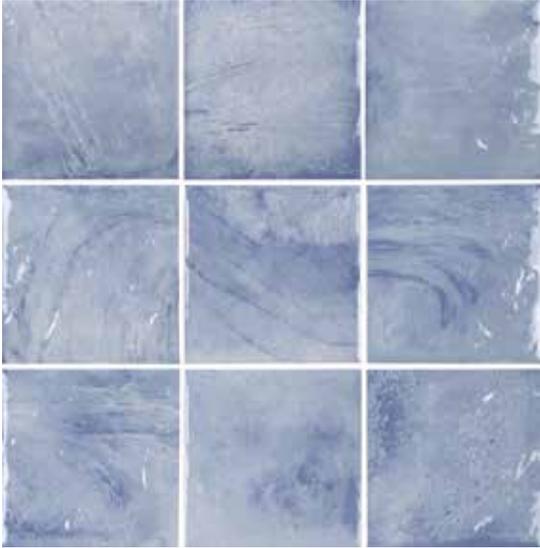


Grey 3x15 Matte (Field Tile)

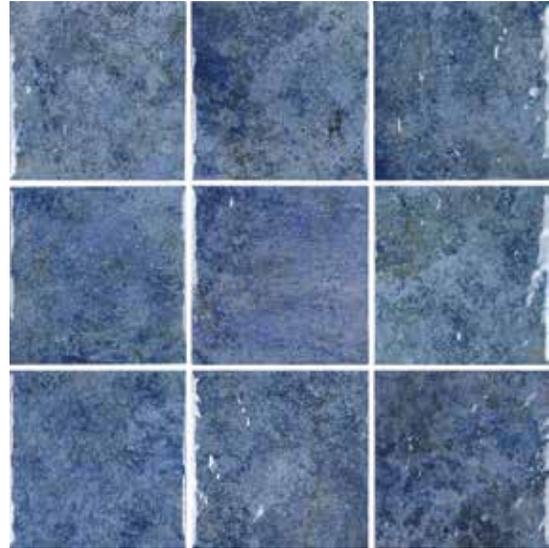


White 3x15 Matte (Field Tile)

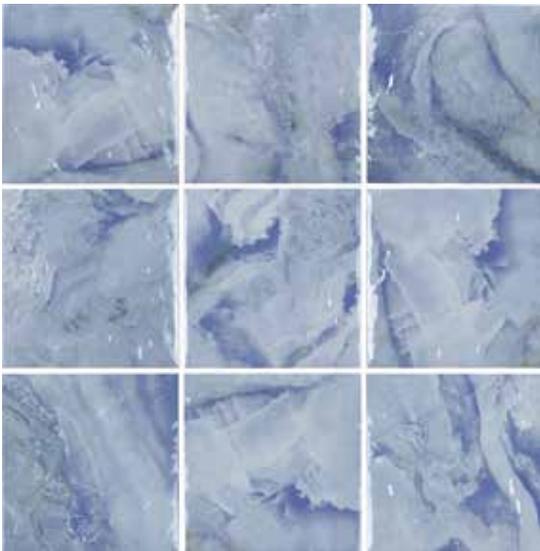
REEF 
V3



Azule 6x6 Glossy (Range)



Bora 6x6 Glossy (Range)



Coral 6x6 (Range)

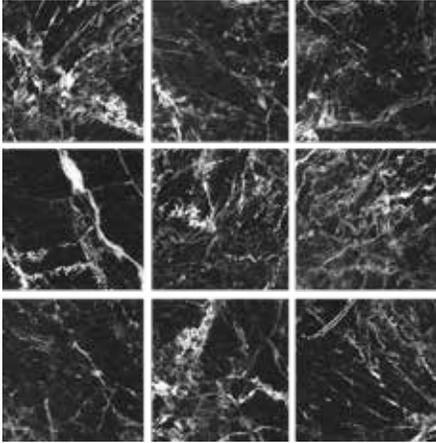


Jade 6x6 Glossy (Range)

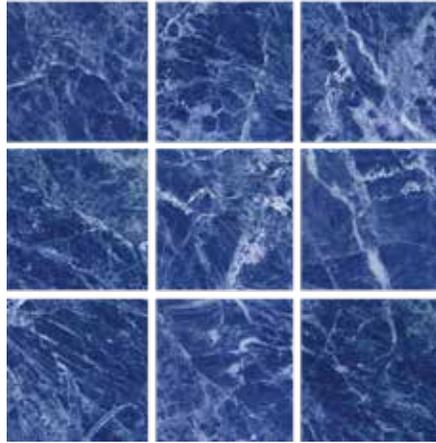


Nacre 6x6 Glossy (Range)

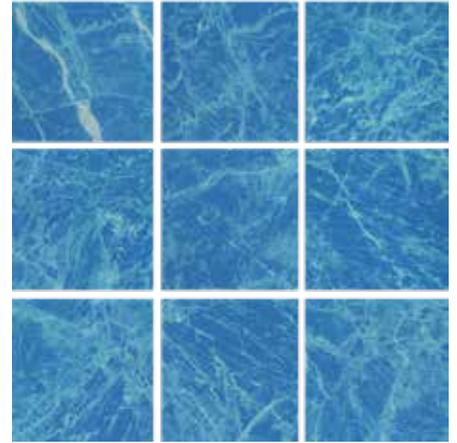
ROCCIA V2



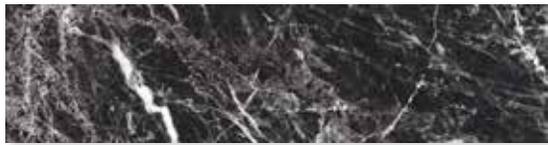
Black 6x6 Glossy (Range)



Cobalt 6x6 Glossy (Range)



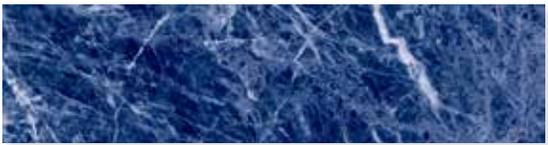
Light Green 6x6 Glossy (Range)



Black 6x24 Glossy



Ice White 6x24 Glossy



Cobalt 6x24 Glossy



Light Green 6x24 Glossy

SEA CORALLO V3



Aqua 6x6 Glossy (Range)



Blue 6x6 Glossy (Range)

SCAVO II V3



Almond 6x6 Matte (Range)

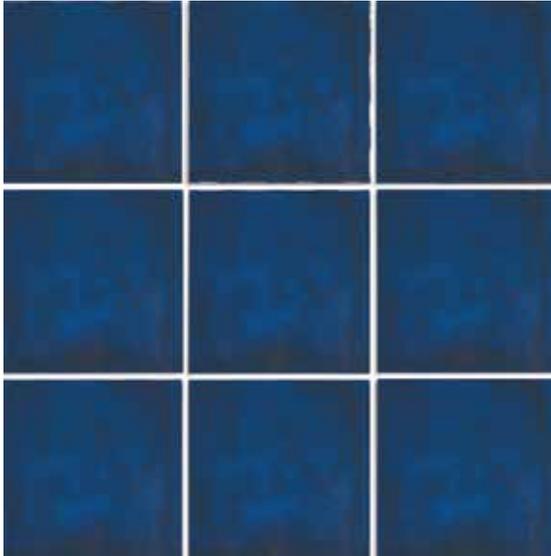


Noce 6x6 Matte (Range)



White 6x6 Matte (Range)

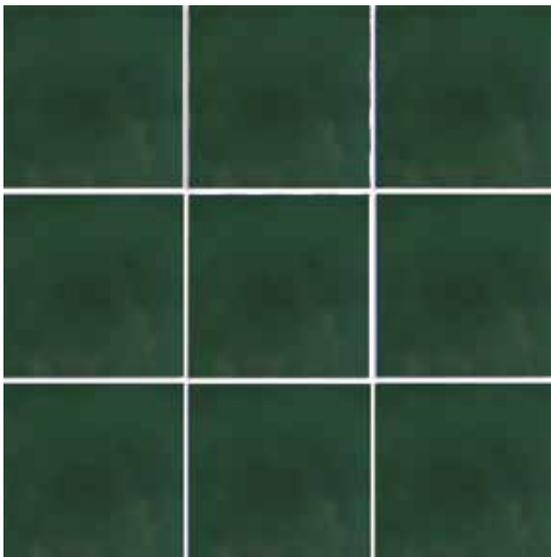
SOL V3



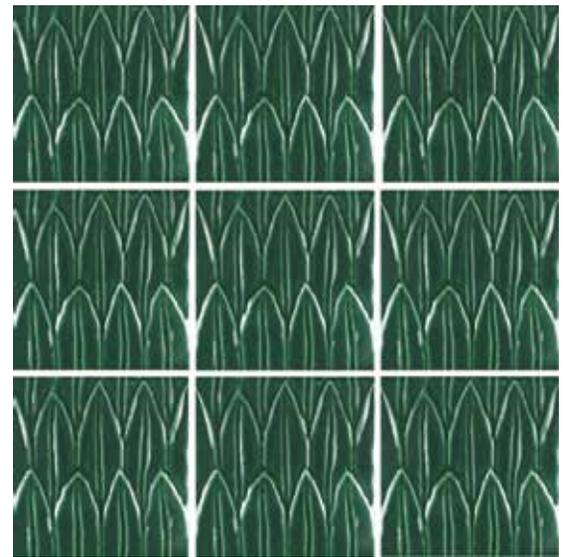
Blu 6x6 Glossy (Range)



Blu Stuttura Foglia 6x6 Glossy (Range)



Verde 6x6 Glossy (Range)

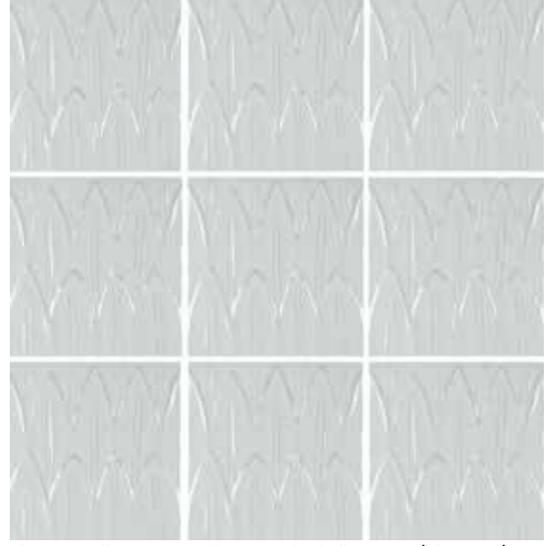


Verde Stuttura Foglia 6x6 Glossy (Range)

SOL (Cont.)



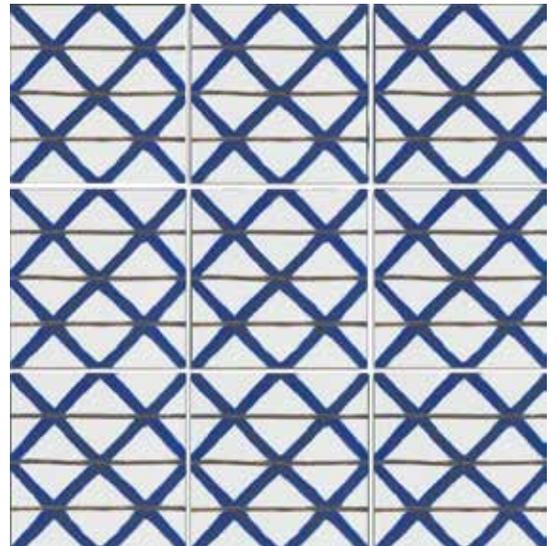
Bianco 6x6 Glossy (Range)



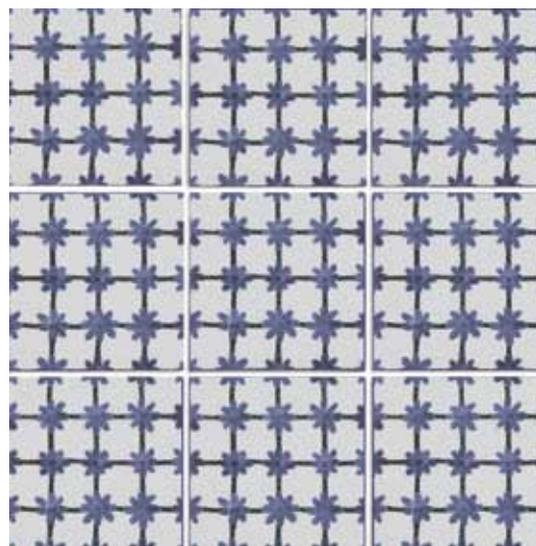
Bianco Stuttura Foglia 6x6 Glossy (Range)



Tappeto 1 6x6 Glossy (Range)



Tappeto 4 6x6 Glossy (Range)



Tappeto 5 6x6 Glossy (Range)

STATES II



Snow 6x6 Matte (Range) ** AVAILABLE IN 6X6 BULLNOSE.

STONEQUARTZ



Bianco 6x6 Matte (Range)



Beige 6x6 Matte (Range)



Grigio 6x6 Matte (Range)



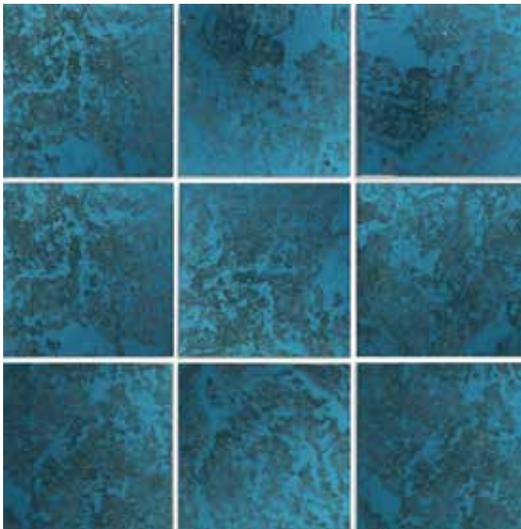
Nero 6x6 Matte (Range)

STREAM V3



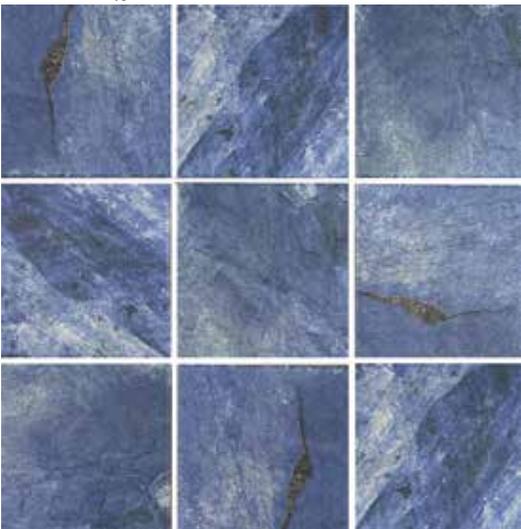
Blue 6x6 Glossy (Range)

SUMMER II V3



Blue 6x6 Glossy (Range) * AVAILABLE IN 6X6 BULLNOSE.

SURF V3



Blue 6x6 Glossy (Range)

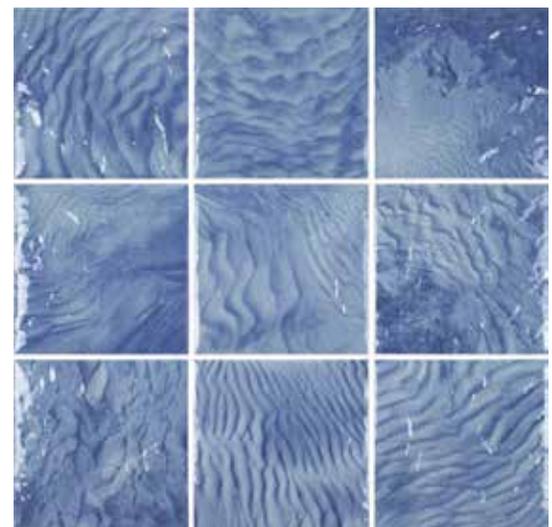
WATERPLACE V3



Balystone 6x6 Glossy (Range)

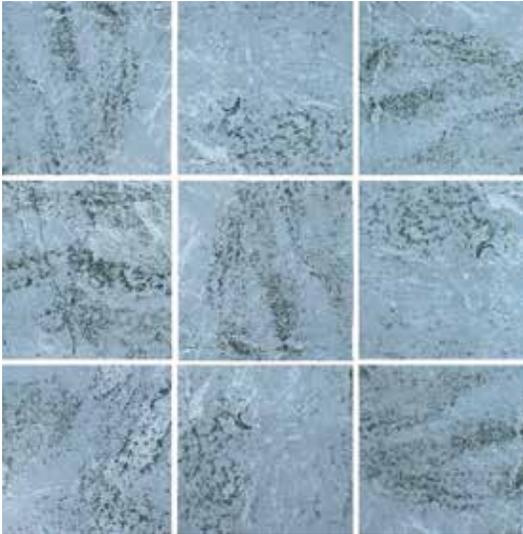


Java 6x6 Glossy (Range)

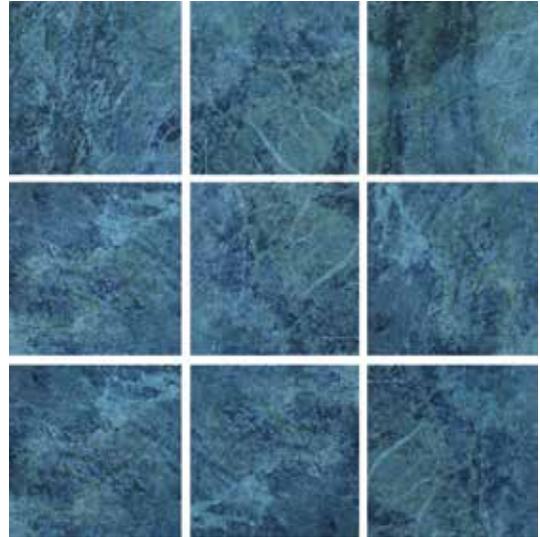


Samoa 6x6 Glossy (Range)

WAVES II V3



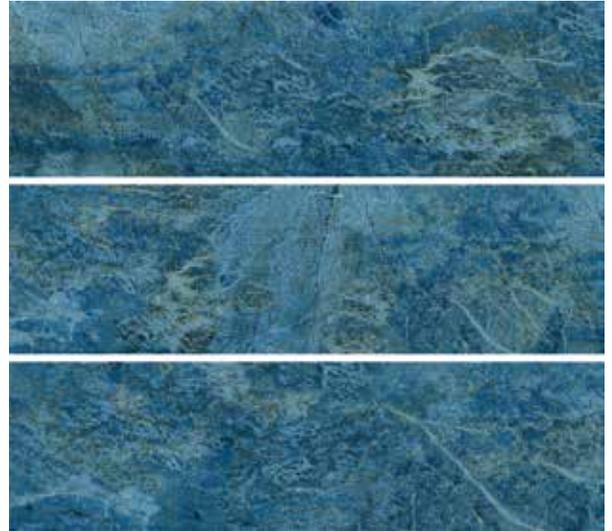
Aqua 6x6 Glossy (Range) * AVAILABLE IN 6X6 BULLNOSE.



Cobalt 6x6 Glossy (Range) * AVAILABLE IN 6X6 BULLNOSE.



Aqua 6x20 Glossy (Range)



Cobalt 6x20 Glossy (Range)

DEPTH MARKERS 6x6



No Diving Flat Skid Resistant



#3 Flat Skid Resistant
or Flat Smooth



#4 Flat Skid Resistant
or Flat Smooth



#5 Flat Skid Resistant
or Flat Smooth



#6 (or 9) Flat Skid Resistant
or Flat Smooth



#8 Flat Skid Resistant
or Flat Smooth

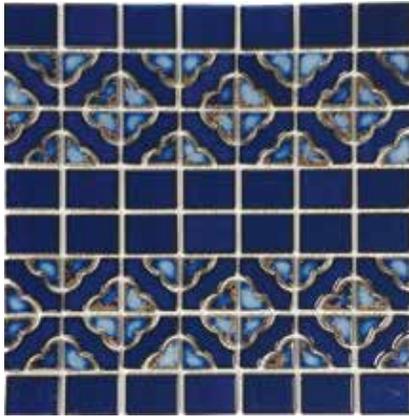


#0.5 Flat Skid Resistant
or Flat Smooth



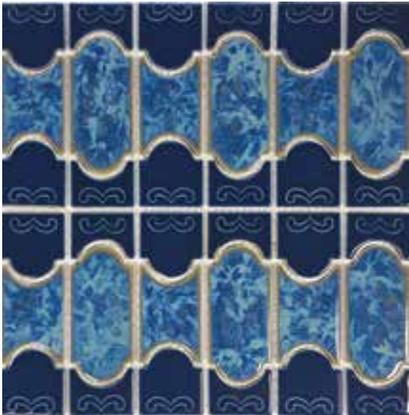
FT Flat Skid Resistant
or Flat Smooth
IN Flat Skid Resistant
or Flat Smooth

AQUA

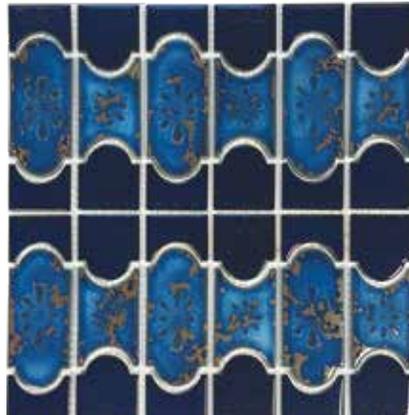


Terra Blue Mosaic
12x12 Sheet (1 Pc. per SF)

BOTANICAL



Caribbean Blue Mosaic
12x12.5 Sheet (0.93 Pc. per SF)



Cobalt w/Terra Mosaic
12x12.5 Sheet (0.93 Pc. per SF)



Lake Blue Mosaic
12x12.5 Sheet (0.93 Pc. per SF)



Marble Royal Mosaic
12x12.5 Sheet (0.93 Pc. per SF)



Teal Green Mosaic
12x12.5 Sheet (0.93 Pc. per SF)

DIAMOND REFLECTION



Atlantic Green Akron Mosaic
12.25x12.25 Sheet (0.96 Pc. per SF)

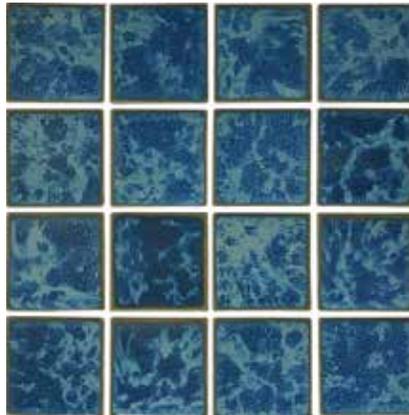


Gulf Blue Akron Mosaic
12.25x12.25 Sheet (0.96 Pc. per SF)

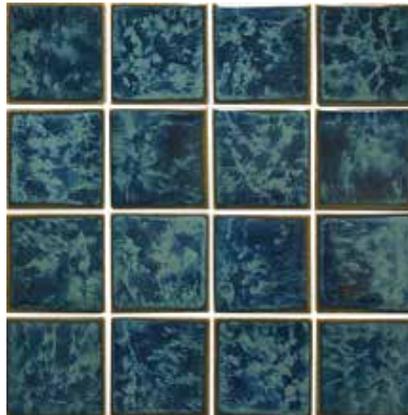


Pacific Blue Akron Mosaic
12.25x12.25 Sheet (0.96 Pc. per SF)

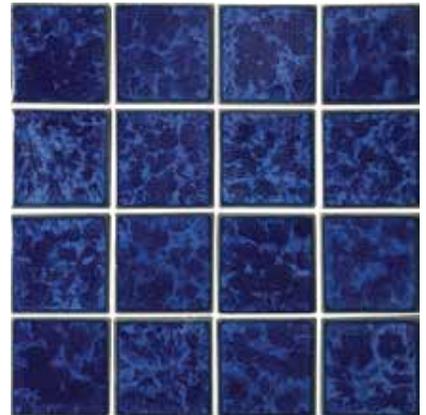
REFLECTION MOSAICS



Atlantic Green 3x3 Mosaic
12.25x12.25 Sheet (0.95 Pc. per SF)



Gulf Blue 3x3 Mosaic
12.25x12.25 Sheet (0.95 Pc. per SF)



Pacific Blue 3x3 Mosaic
12.25x12.25 Sheet (0.95 Pc. per SF)



Atlantic Green Random Pattern
12x12 Sheet (1 Pc. per SF)



Gulf Blue Random Pattern
12x12 Sheet (1 Pc. per SF)



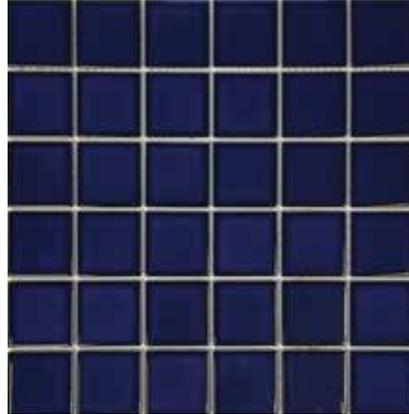
Pacific Blue Random Pattern
12x12 Sheet (1 Pc. per SF)

*ALL SIZES ARE NOMINAL.

HARMONY



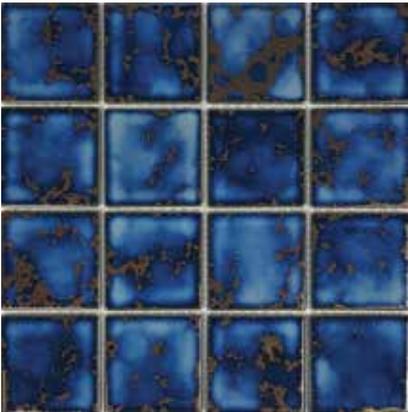
Cobalt Blue 3x3 Mosaic
12.25x12.25 Sheet (0.95 Pc. per SF)



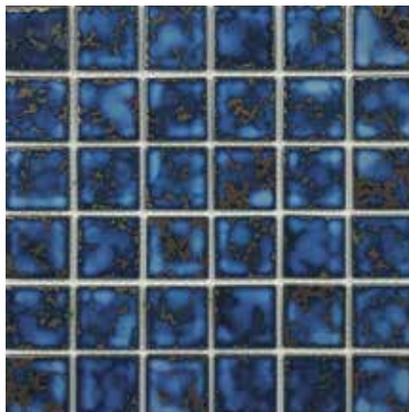
Cobalt Blue 2x2 Mosaic
12.5x12.5 Sheet (0.92 Pc. per SF)



Cobalt Blue 1x1 Staggered Mosaic
12x12 Sheet (1 Pc. per SF)



Terra Blue 3x3 Mosaic
12.25x12.25 Sheet (0.95 Pc. per SF)



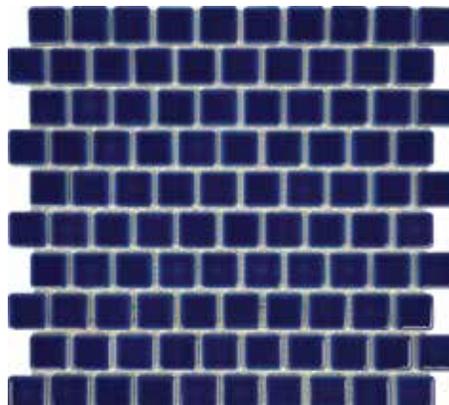
Terra Blue 2x2 Mosaic
12.5x12.5 Sheet (0.92 Pc. per SF)



Terra Blue 1x1 Staggered Mosaic
12x12 Sheet (1 Pc. per SF)



Royal Blue 3x3 Mosaic
12.25x12.25 Sheet (0.95 Pc. per SF)



Royal Blue 1x1 Staggered Mosaic
12x12 Sheet (1 Pc. per SF)

LISTELLO



Atlantic Blue
6x13.25 Border (1.82 Pcs. per SF)



Ocean Sand
6x13.25 Border (1.82 Pcs. per SF)



Pacific Blue
6x13.25 Border (1.82 Pcs. per SF)

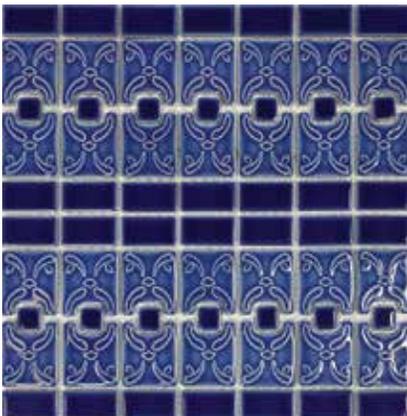


Ocean Gold
6x13.25 Border (1.82 Pcs. per SF)

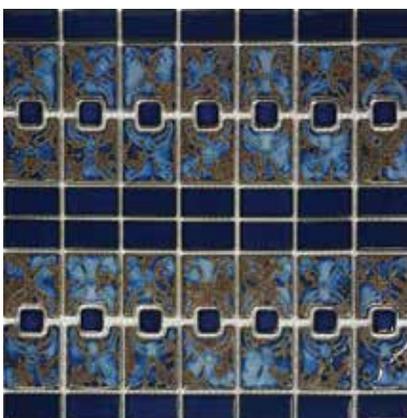


Terra Blue
6x13.25 Border (1.82 Pcs. per SF)

LUCIANA



Blueberry Mosaic
12x13 Sheet (0.87 Pc. per SF)

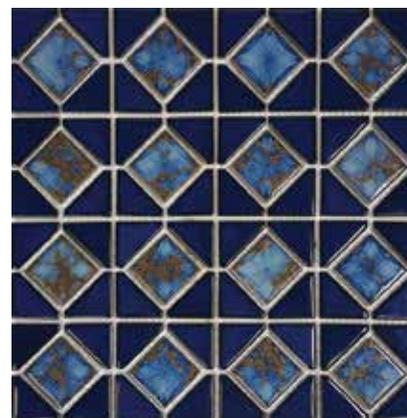


Terra Mosaic
12x13 Sheet (0.87 Pc. per SF)

MINI AKRON

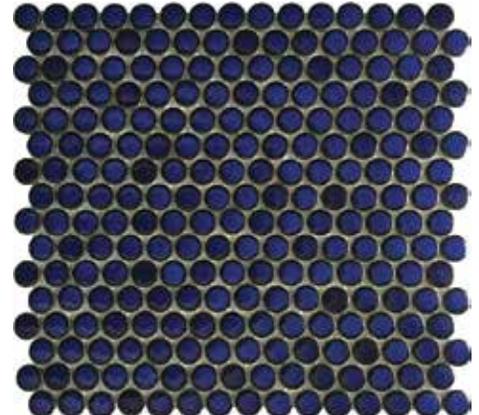


Blueberry Mosaic
12.25x12.25 Sheet (0.95 Pc. per SF)



Terra Mosaic
12.25x12.25 Sheet (0.95 Pc. per SF)

PENNY ROUND

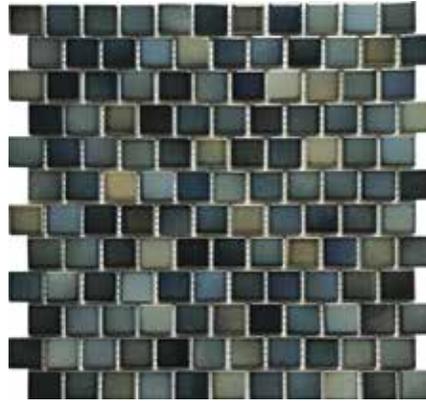


Cobalt Blue 3/4" Mosaic
12x12 Sheet (1 Pc. per SF)

SEA BREEZE



Dark 1x1 Staggered Mosaic
12x12.5 Sheet (0.93 Pc. per SF)

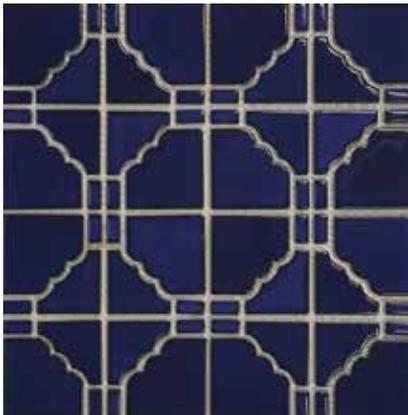


Medium 1x1 Staggered Mosaic
12x12.5 Sheet (0.93 Pc. per SF)



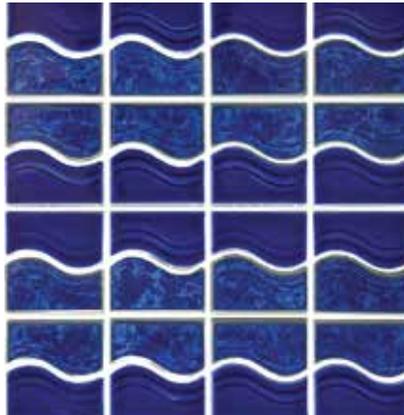
Light 1x1 Staggered Mosaic
12x12.5 Sheet (0.93 Pc. per SF)

SUNBURST

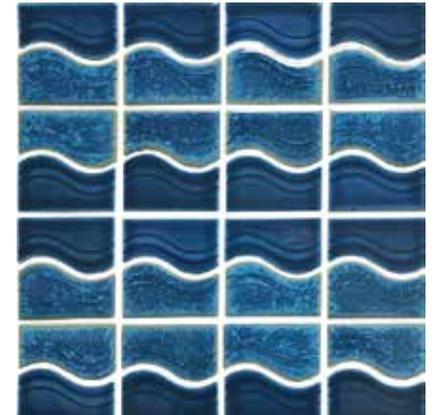


Cobalt Blue Mosaic
12x12 Sheet (1 Pc. per SF)

WATERSIDE



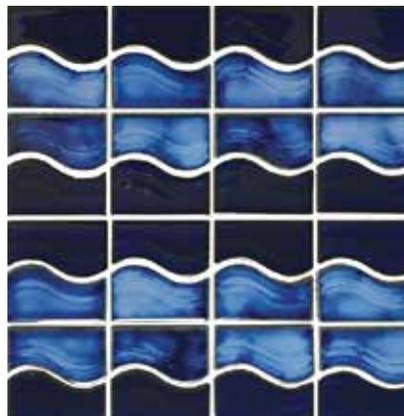
Lake Blue Mosaic
12.25x12.25 Sheet (0.95 Pc. per SF)



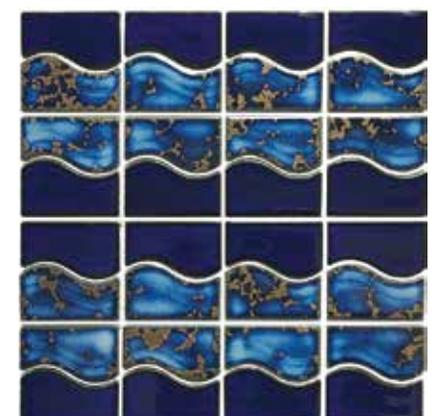
Smoke Blue Mosaic
12.25x12.25 Sheet (0.95 Pc. per SF)



Terra Blue Mosaic
12x12 Sheet (1 Pc. per SF)



Royal Blue Mosaic
12.25x12.25 Sheet (0.95 Pc. per SF)



Terra Mosaic
12.25x12.25 Sheet (0.95 Pc. per SF)

*ALL SIZES ARE NOMINAL.

BEACHSTONES

Not recommended or warranted for submerged applications.



Blue Sliced Mosaic
11.5x11.5 Sheet (1.09 Pcs. per SF)



Green Sliced Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Grey Sliced Mosaic
11.5x11.5 Sheet (1.09 Pcs. per SF)



Ivory Sliced Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Tan Sliced Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



White Sliced Mosaic
11.5x11.5 Sheet (1.09 Pcs. per SF)



White, Blue Sliced Mosaic
11.5x11.5 Sheet (1.09 Pcs. per SF)



White, Blue, Grey Sliced Mosaic
11.5x11.5 Sheet (1.09 Pcs. per SF)



White, Green, Tan Sliced Mosaic
11.75x11.75 Sheet
(1.04 Pcs. per SF)



White, Tan, Grey Sliced Mosaic
11.5x11.5 Sheet (1.14 Pcs. per SF)

LEDGERSTONE



Beachwalk 6x24 Sheet (1 Pc. per SF)



Carbon 6x24 Sheet (1 Pc. per SF)



Glacier 6x24 Sheet (1 Pc. per SF)

OCEAN STONES

Not recommended or warranted for submerged applications.



Lt. Grey, Dk. Grey & White Coin Mosaic
11.25x11.25 Sheet (1.14 Pcs. per SF)



Light Grey, Tan & White Coin Mosaic
11.25x11.25 Sheet (1.14 Pcs. per SF)



Swirl Grey Coin Mosaic
11.25x11.25 Sheet (1.14 Pcs. per SF)



Matte White Fit Mosaic
11x11 Sheet (1.19 Pcs. per SF)



Sparkly White Fit Mosaic
11.75x12.5 Sheet (.98 Pcs. per SF)



Swirl Grey Fit Mosaic
11.5x11.75 Sheet (1.07 Pcs. per SF)



White Quartz Fit Mosaic
10.75x11 Sheet (1.22 Pcs. per SF)



Tan White Gray Tumbled Mosaic
11.25x11.25 Sheet (1.14 Pcs. per SF)



Gray Tumbled Mosaic
11.25x11.25 Sheet (1.14 Pcs. per SF)

NATURAL STONE MUST BE SEALED TO PREVENT STAINING (Preferably prior to grouting if using contrasting color grout). For natural dry "lighter" look, use penetrating stone sealer. For wet "Darker" look, use a stone enhancer sealer.

OCEAN STONES (Cont.)

Not recommended or warranted for submerged applications.



Classic Tan Pebble Mosaic
11.25x10.75 Sheet (1.19 Pcs. per SF)



Classic White Pebble Mosaic
11.25x10.75 Sheet (1.19 Pcs. per SF)



Tiger Eye Pebble Mosaic
12.25x11.5 Sheet (1.02 Pcs. per SF)



Black Sliced Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Black White Tan Sliced Mosaic
11x11 Sheet (1.19 Pcs. per SF)



Cream Sliced Mosaic
11x11 Sheet (1.19 Pcs. per SF)



Fossil Light Color Sliced Mosaic
11.25x11.25 Sheet (1.14 Pcs. per SF)



Fossil Carrara Sliced Mosaic
11.25x11.25 Sheet (1.14 Pcs. per SF)



Ivory Sliced Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)

NATURAL STONE MUST BE SEALED TO PREVENT STAINING (Preferably prior to grouting if using contrasting color grout). For natural dry "lighter" look, use penetrating stone sealer. For wet "Darker" look, use a stone enhancer sealer.

OCEAN STONES (Cont.)

Not recommended or warranted for submerged applications.



Java Sliced Mosaic
11x11 Sheet (1.19 Pcs. per SF)



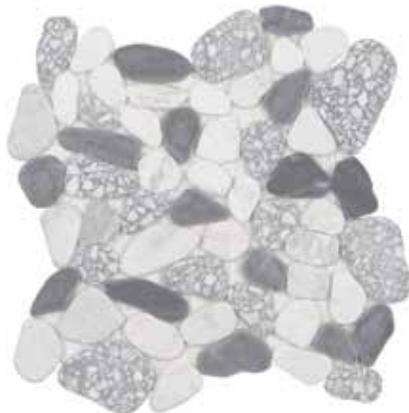
Robins Egg Sliced Mosaic
11.25x11.25 Sheet (1.14 Pcs. per SF)



Tan Sliced Mosaic
11x11 Sheet (1.19 Pcs. per SF)



Terrazzo Carrara Bardiglio White
Sliced Mosaic 11.25x11.25 Sheet
(1.14 Pcs. per SF)



Terrazzo Carrara Nero Smoke
Sliced Mosaic 11.25x11.25 Sheet
(1.14 Pcs. per SF)



Terrazzo Carrara White
Sliced Mosaic 11.25x11.25 Sheet
(1.14 Pcs. per SF)



Terrazzo Vintage Light Occhialino
Sliced Mosaic 11.25x11.25 Sheet
(1.14 Pcs. per SF)



NEW! Terrazzo, Carrara, Blue, Beige
Sliced Mosaic 12x12 Sheet
(1 Pc. per SF)



NEW! Terrazzo, White, Green, Tan
Sliced Mosaic 12x12 Sheet
(1 Pc. per SF)

NATURAL STONE MUST BE SEALED TO PREVENT STAINING (Preferably prior to grouting if using contrasting color grout). For natural dry "lighter" look, use penetrating stone sealer. For wet "Darker" look, use a stone enhancer sealer.

OCEAN STONES (Cont.)

Not recommended or warranted for submerged applications.



NEW! Terrazzo, White, Tan, Rose
Sliced Mosaic 12x12 Sheet
(1 Pc. per SF)



NEW! Terrazzo, White, Tan
Sliced Mosaic 12x12 Sheet
(1 Pc. per SF)



Tiger Eye Sliced Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Waves Bardiglio Sliced Mosaic
11.25x11.25 Sheet (1.14 Pcs. per SF)



White Sliced Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



White Green Tan Sliced Mosaic
11x11 Sheet (1.19 Pcs. per SF)



Ivory Sliced Flower Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Tan Sliced Flower Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



White, Green, Tan Sliced Flower Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)

NATURAL STONE MUST BE SEALED TO PREVENT STAINING (Preferably prior to grouting if using contrasting color grout). For natural dry "lighter" look, use penetrating stone sealer. For wet "Darker" look, use a stone enhancer sealer.

OCEAN STONES (Cont.)

Not recommended or warranted for submerged applications.



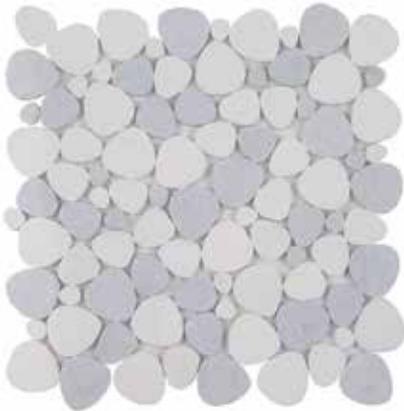
White, Tan, Grey Sliced Flower Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Bianco Carrara
Sliced Marble Polished Mosaic
11.25x11.25 Sheet (1.14 Pcs. per SF)



Calacatta Gold
Sliced Marble Polished Mosaic
11.25x11.25 Sheet (1.14 Pcs. per SF)



Italian White Blue Celeste
Sliced Marble Polished Mosaic
11.25x11.25 Sheet (1.14 Pcs. per SF)



Light Wood Grain
Sliced Marble Polished Mosaic
11.25x11.25 Sheet (1.14 Pcs. per SF)



NEW! Milky White
Sliced Marble Polished Mosaic
11.25x11.25 Sheet (1.14 Pcs. per SF)



NEW! Wooden White Blue Celeste
Sliced Marble Polished Mosaic
11.25x11.25 Sheet (1.14 Pcs. per SF)

NATURAL STONE MUST BE SEALED TO PREVENT STAINING (Preferably prior to grouting if using contrasting color grout). For natural dry "lighter" look, use penetrating stone sealer. For wet "Darker" look, use a stone enhancer sealer.

CAST



Shown: Clouds Cirrus (pg 43), Treasure Whitestone (pg 65)

Cast Glass

The Ancient Art of Glass Mosaics dates back as early as 2500 BC but became more refined as Glass Tile in the 3rd Century BC when the product became known as Smalti Tile. Cast Glass (Smalti) is made in a furnace (2,500 – 3,000 Fahrenheit) melting the ingredients Silica Sand (Silicon Dioxide), Soda Ash (Sodium Carbonate), Limestone (Calcium Carbonate) that are mixed with metal oxides (for color). The source of the materials for cast glass can be from the raw materials or by the addition of recycled glass.

The resulting molten colored liquid is poured into metal molds that are rapidly cooled and broken into individual tiles. The glass tiles then are reheated in an Annealing Kiln where the glass is brought back up to 900 Fahrenheit and slowly cooled over a 2-3 hour process. The annealing process reduces the residual internal stresses. Glass that is not properly annealed retains thermal stress in its molecular structure making them brittle. Some cast glass prior to annealing can have a secondary coating of Iridescence sprayed on the surface to create a reflective rainbow effect face.

The cast glass tiles are then placed into mounting molds where they get arranged into mosaic sheets that are face mounted with Clear Mylar Tape. Darker nontransparent / opaque versions can be Mesh Mounted on the back side of the tile. Larger size tiles can be packaged individually. We do not offer Paper faced mosaics due to installer resistance. IWT's Cast Glass series can be installed in exterior submerged (pool) applications, which require proper installation.

*****ATTENTION***** Cast Glass is prone to expand and contract with exposure to heat (Sun) due to the coloration (Metal Oxides) in the body. Absolutely requires movement / expansion joints be incorporated into the installation.

Easiest way to identify cast glass is to look at the side of the tile, If the color is the same as the face and goes all the way through, it is a Cast Glass.



CLOUDS Color Body 9.5mm



Arcus 3x9 Matte Glass Tile (5.32 Pcs. per SF)



Cirrus 3x9 Matte Glass Tile (5.32 Pcs. per SF)



Stratus 3x9 Matte Glass Tile (5.32 Pcs. per SF)



Thunder 3x9 Matte Glass Tile (5.32 Pcs. per SF)

Please Read - Important information regarding Clouds:

Exterior installations [pool waterline] requires proper placement of expansion / movement joints per TCNA EJ-171 as well as thinset approved for submerged glass tile installation. Failure to install with industry requirements will result in product failure and void all warranties.

CAST

CLOUDS 2.0



Cumulus 3x12 Matte Glass Tile (4 Pcs. per SF)

DASH Color Body 6mm (Mesh Mount)



Aegean

Mixed 1x1 & 1x3 Matte Linear Blend
11.75x11.75 Sheet (1.04 Pcs. per SF)



Biscay

Mixed 1x1 & 1x3 Matte Linear Blend
11.75x11.75 Sheet (1.04 Pcs. per SF)



Caspian

Mixed 1x1 & 1x3 Matte Linear Blend
11.75x11.75 Sheet (1.04 Pcs. per SF)



Java

Mixed 1x1 & 1x3 Matte Linear Blend
11.75x11.75 Sheet (1.04 Pcs. per SF)



Kara

Mixed 1x1 & 1x3 Matte Linear Blend
11.75x11.75 Sheet (1.04 Pcs. per SF)

CAST

LIQUID DROPS 6mm (Mesh Mount)



NEW! Aqua
Penny Matte Glass Mosaic
12x12 Sheet (1 Ps. per SF)



NEW! Clearwater
Penny Matte Glass Mosaic
12x12 Sheet (1 Ps. per SF)



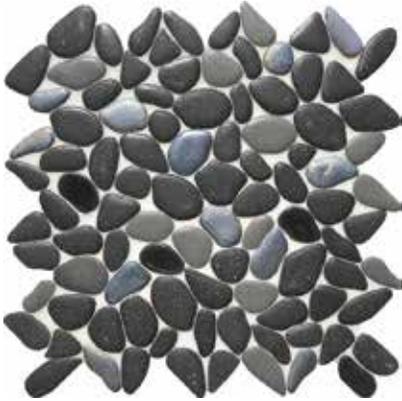
NEW! Fresh Water Pearl
Penny Matte Glass Mosaic
12x12 Sheet (1 Ps. per SF)



NEW! Gulfstream
Penny Matte Glass Mosaic
12x12 Sheet (1 Ps. per SF)

CAST

LIQUID ROCKS 6mm (Mesh Mount)



Abyss Black
Random Matte Glass Mosaic
10.5 x10.5 Sheet (1.31 Pcs. per SF)



Aqua Blue
Random Matte Glass Mosaic
10.5 x10.5 Sheet (1.31 Pcs. per SF)



Fresh Water Pearl
Random Matte Glass Mosaic
10.5 x10.5 Sheet (1.31 Pcs. per SF)



Oyster Silver
Random Matte Glass Mosaic
10.5 x10.5 Sheet (1.31 Pcs. per SF)



River Brown
Random Matte Glass Mosaic
10.5 x10.5 Sheet (1.31 Pcs. per SF)



Miami Shores
Random Matte Glass Mosaic
10.5 x10.5 Sheet (1.31 Pcs. per SF)



Sandy Beige
Random Matte Glass Mosaic
10.5 x10.5 Sheet (1.31 Pcs. per SF)



Southern Lakes
Random Matte Glass Mosaic
10.5 x10.5 Sheet (1.31 Pcs. per SF)



Torrent Grey
Random Matte Glass Mosaic
10.5 x10.5 Sheet (1.31 Pcs. per SF)

CAST

SUPERIOR Color Body 6mm (Face Tape Mount)



Iceberg 1x2 Glossy Staggered Mosaic
11.75x12.75 Sheet (0.96 Pc. per SF)



Moon 1x2 Glossy Staggered Mosaic
11.75x12.75 Sheet (0.96 Pc. per SF)



Pier 1x2 Glossy Staggered Mosaic
11.75x12.75 Sheet (0.96 Pc. per SF)



Shark 1x2 Glossy Staggered Mosaic
11.75x12.75 Sheet (0.96 Pc. per SF)



Surf 1x2 Glossy Staggered Mosaic
11.75x12.75 Sheet (0.96 Pc. per SF)

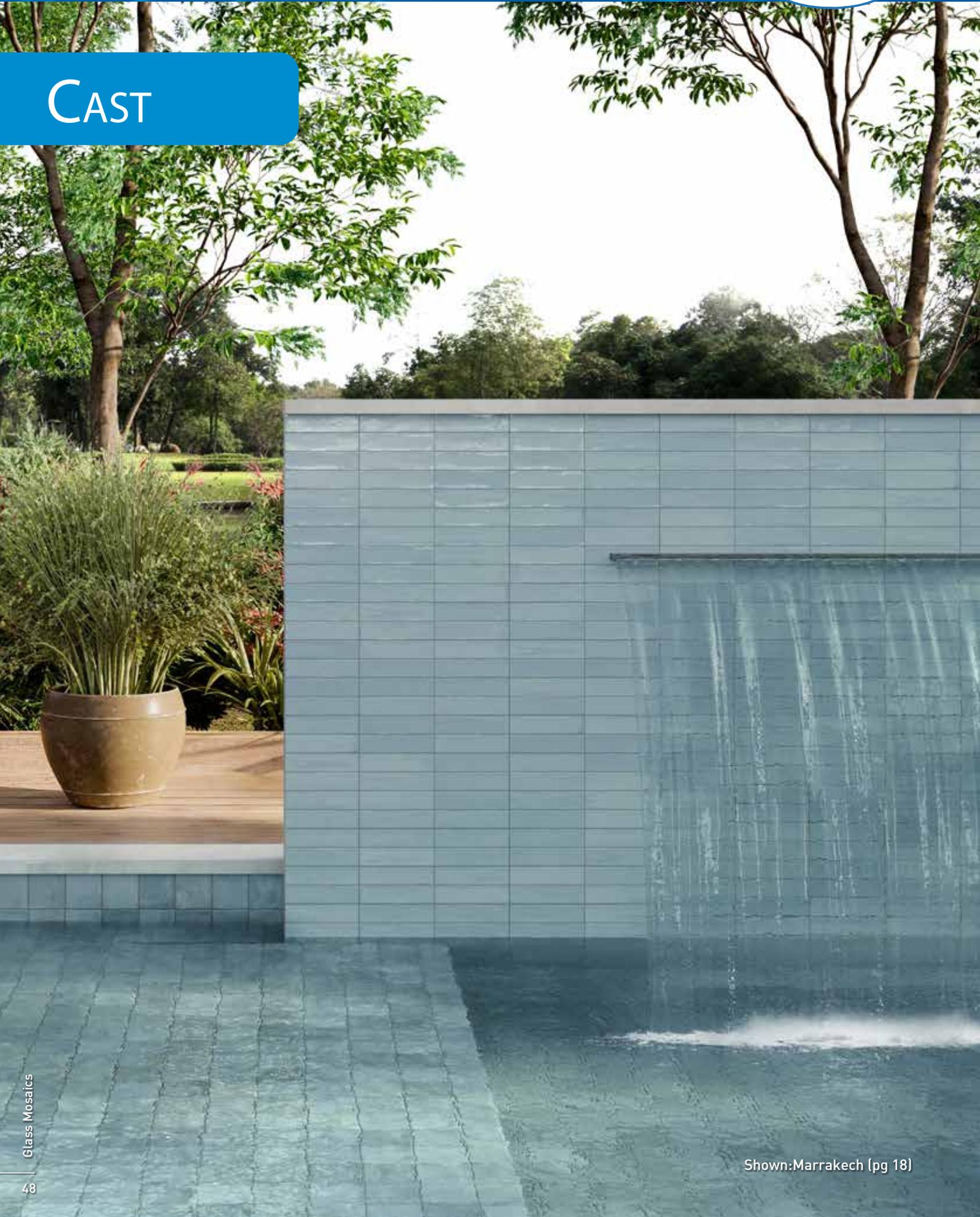


Wave 1x2 Glossy Staggered Mosaic
11.75x12.75 Sheet (0.96 Pc. per SF)

Please Read - Important information regarding Superior:

This Artisan-edge glass mosaic is made with a variety of recycled glass pieces and may include irregular edges, rustic appearances, minimal imperfections or slight variations in sizing and squareness. These characteristics are inherent to this product due to the manufacturing process. The slight size or shape variations may affect the grout joint appearance, further enhancing the natural aspect of this product. Use constitutes acceptance

CAST



Cast Glass: Installation Instructions

These instructions are meant to be a general guide for installations under normal conditions. Please read and understand this information before installation. These instructions reference industry standards ANSI A108.16, ANSI A137.2, ANSI A108 AN-2, ANSI A118.15, and TCNA EJ-171. Please review these standards for more detailed instruction. If you have no experience with the installation of glass products obtain professional advice or use their services for the installation.

CAST

Clear Tape Face Mounted* (Flower Glass / Superior)

Cast Glass Face Mounted mosaics are made of semi-transparent glass which are face mounting. These products are made using a poured liquid glass process. A certain amount of variation in color, shade, texture, size and tone is a desired feature and is inherent to this production process - **some bubbles, veins, wrinkles and other small irregularities in many of the pieces is typical**, consistent and intended with this production process. Cast Glass tiles can be used for interior and exterior wall applications in wet or dry locations. All submerged, underwater installations must be installed by experts, which may require specific installation procedures and setting materials. Cement backer units and/or concrete masonry block are acceptable substrates. Gypsum wallboard is suitable for interior walls only.

Mesh Mounted* (Aurora / Dash / Garden Wall / Liquid Rocks)

Cast Glass Mesh Mounted mosaics are made of semi-transparent glass, lighter colors are back coated to obscure the mesh-mounting. These products are made using a poured liquid glass process. A certain amount of variation in color, shade, texture, size and tone is a desired feature and is inherent to this production process - **some bubbles, veins, wrinkles and other small irregularities in many of the pieces is typical**, consistent and intended with this production process. Cast Glass tiles can be used for interior and exterior wall applications in wet or dry locations. All submerged, underwater installations must be installed by experts, which may require specific installation procedures and setting materials. Cement backer units and/or concrete masonry block are acceptable substrates. Gypsum wallboard is suitable for interior walls only.

Note: Ceramic Tile Mastic should never be used for the installation of any glass tile.

*****ATTENTION*****

Cast Glass will expand with exposure to heat - Sun!

The metal oxides (coloring) in the body of Cast Glass will absorb heat and cause the tiles to expand. Cast Glass requires that movement / expansion joints must be incorporated into the installation.

Installation Instructions: Verify product characteristics **BEFORE** installation for any visible defect and/or other aspects of the product that may be questionable, such as, but not limited to: shade variation, chipped edges, and scratched surfaces, variations between ordered and supplied products. Installation, where a claim to be defective is not caught or the material is not corresponding to customer's expectations, it's **'use' constitutes acceptance of the product "as is" and no claims will be accepted after installation.** Never use products from different lots. Every box is labeled showing production lot #'s, never mix these as part of the same installation.

Surface Preparation: All surfaces must be between 40°F (4°C) to 95°F (35°C) and structurally sound, dry, clean free of any contaminants which inhibit proper bond must be removed. Substrate preparation should be completed following ANSI A108 AN-2 "General Requirements for Sub-surfaces". All substrates should be plumb and true, surface deviation should not exceed 1/4" in 10'.

Applying Thinset Mortar: Apply a quality glass thinset specified as **ANSI A118.15** approved for use with glass or vitreous tile. IWT Recommends Laticrete 254 White or Laticrete GTA. Apply mortar to the substrate with the flat side of the trowel, with enough pressure to firmly work into the surface. With a notched trowel, immediately follow with a heavier coat of material using the appropriate trowel and enough mortar to provide necessary coverage to the back of the tile.

Do not spread more mortar than can be covered in 15 minutes or before the mortar skins over. Comb the mortar using an appropriate notched trowel in one direction, using the back of the trowel; flatten any notches of the mortar before placing the mosaic glass tile.

CAST

Cast Glass: Installation Instructions

Installation Instructions (Cont.)

Back Butter: Next, spread a thin layer of thinset on the back of the glass mosaic tile sheet with the flat edge of your trowel. This back-buttering step is best used for all glass mosaic tiles, to keep any remaining trowel lines on the substrate from showing through on the edges.

Setting: Set your sheets into the thinset layer spread on your substrate, taking care to square the sheets as you go. Place tiles in mortar; beat in to insure proper coverage. Do not adjust tiles set in mortar after 15 minutes. It is advised to occasionally remove tiles during the installation, to ensure the mortar has not skinned over and check the tile and substrate mortar coverage. Coverage of the thin set mortar is critical to the success of the installation of the tile.

Sheets should be placed onto the newly troweled thinset on your surface immediately. DO NOT delay this step, or your thinset will begin to dry and the tiles will not fully adhere to the surface. The thin-set mortar MUST cover the back of each glass piece pushing up slightly into the joints. You can remove excess thin set from the joints, before grouting later.

Leveling: Square the sheet and apply to your surface, then "beat in"; gently with a rubber float or a beating block and a hammer to insure 100% adhesion and a level surface. Beating in with your float or beating block across the joint between adjacent sheets will achieve a level field across the entire area. Properly beating in and leveling will also prevent air bubbles from being trapped between the thinset and tile.

Align Grout Joints: Align each sheet carefully as it is installed to create uniform grout joints from sheet to sheet. A joint between adjacent sheets should measure the same distance as the joint between the rows of tile within a single sheet. If the joint between the sheets is wider, you will see a series of individual sheets outlined on your surface, instead of a smooth, continuous field of tiles that covers the entire area. Within 15 minutes of applying each section of your area, examine and straighten any joints that are not aligned and move as desired. Adjustments must be done immediately after or during the installation process before the setting material has dried. Do not adjust tiles set in mortar after 15 minutes.

Movement Expansion Joints: Movement (Expansion) joints must be provided to comply with TCA method EJ 171. It is imperative to not grout in the corners where the Glass changes plane. Use acrylic caulk for interior or preferably 100% silicone caulking, which approved for submerged application. This includes the top row which meets any coping in a pool installation as well as all corners. IWT recommends using Laticrete Latasil Silicone Caulk and Latasil Primer for exterior submerged expansion joints.

Grout Preparation: (CLEAR TAPE FACE MOUNTED) After 24-48 hours (dependent on climate and relative humidity), the thinset will be cured, and ready for grouting. Remove the Clear Tape from surface, use a nylon bristle brush, a sponge, and warm water to clean any glue or tape residue from the tile surface. Follow the grouting method defined by ANSI A108.10. Hold a rubber grout float at a 45° angle, gently force grout diagonally into joints ensuring joints are completely filled. Remove excess grout using the edge of float held at a 90° angle. Cleanup can begin as soon as the grout becomes firm. Use as little water as possible for grout cleanup. Smooth and level joints in a circular motion while removing excess grout from tile. It is best to change cleaning water and rinse sponge frequently. Remove or buff grout haze from tile surface with a soft, dry cloth. IWT recommends polymer modified sanded grouts, such as Laticrete Permacolor.

Grout Preparation: (MESH MOUNTED) After 24-48 hours (dependent on climate and relative humidity), the thinset will be cured, and the tile will be ready for grouting. Follow the grouting method defined by ANSI A108.10. Hold a rubber grout float at a 45° angle, gently force grout diagonally into joints ensuring joints are completely filled. Remove excess grout using the edge of float held at a 90° angle. Cleanup can begin as soon as the grout becomes firm. Use as little water as possible for grout cleanup. Smooth and level joints in a circular motion while removing excess grout from tile. It is best to change cleaning water and rinse sponge frequently. Remove or buff grout haze from tile surface with a soft, dry cloth. IWT recommends polymer modified sanded grouts, such as Laticrete Permacolor.

Do Not apply excessive grouting pressure, this can scratch the surface of the glass.

Crystal Glass / Float Glass

Crystal Glass Tiles are typically made from Float Glass (Modern Windowpane Glass) that is cut to size, then decorated typically on the back side. Float Glass is a very stable product and always is produced with the proper annealing of the material. The large sheets of Float Glass are cut into the desired shaped tiles. Fancy shapes like Penny Rounds, Scallop designs are water jet cut, which increases the cost.

CRYSTAL

Float glass owes its unique name to the process by which it is manufactured wherein the molten glass is introduced into a bath of molten tin, causing the glass to float freely. The body of Float glass is clear, slightly tinted green due to the iron oxide that is in its mixture, like the traditional Coke Bottle. Some of our Ultra White Items (Pure White / Treasure Whitestone) are made with Extra Clear Float Glass that is manufactured with lower iron. Float glass is Manufactured in many a variety of thickness, 6mm and 8 mm are the most popular for Glass Tiles.

Hot Fired versions can be installed interior or exterior applications as well submerged in a pool or fountain. The Pool Approved 'Hot Fired' Crystal Glass version is explained in more detail below.

Hot Fired Crystal Glass

Hot Fired Crystal Glass mosaics are made of clear Float Glass, which is typically back mounted with a fiberglass mesh, though some larger sizes are packaged as individual loose pieces. These products are decorated using a glaze (liquid glass) to create the pattern and color to the back side and a secondary 'masking' coat prior to being refired. The coloration is fused to the glass through this process, making it suitable for exterior submerged applications. Some of our series also have a second Iridescent coating fired onto the top surface face that can create a reflective surface, often rainbow or silver effect

Caution must be taken on the extremely large versions of Crystal Glass (Example 8" x 24" Elements) that are loose piece that require contractors mounting with spacers. Adequate grout lines (minimum 1/16") must be provided, no butt joints. Also, it is imperative to use expansion / movement joint at ever change of plane (all Corners of the installation or where the glass abuts a dissimilar product (tile).

The Majority of IWT Glass lines are of the Hot Fire variation, but if planning an exterior installation and are in doubt, please ask for confirmation.



Shown: Trangle Moon Stone (pg 66)

CRYSTAL

ABA 6mm (Mesh Mount)



NEW! Blue
Multi Random Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



NEW! Green
Multi Random Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



NEW! Grey
Multi Random Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



NEW! Blue
1x2 Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)

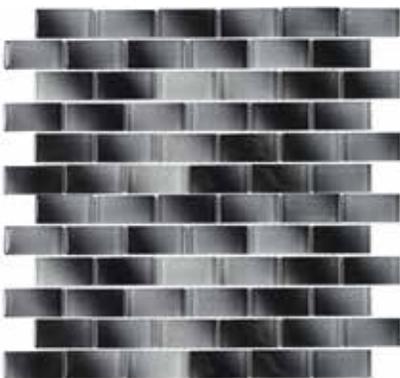


NEW! Green
1x2 Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)

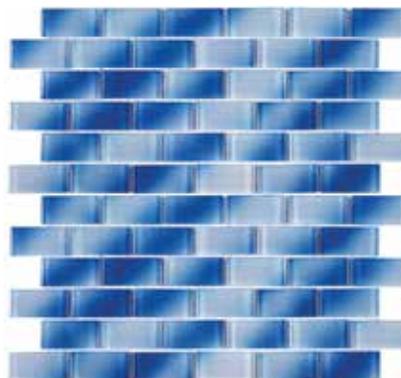


NEW! Grey
1x2 Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)

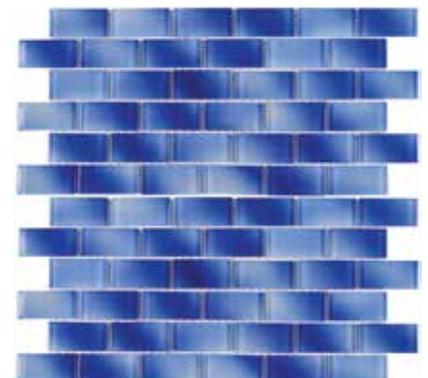
ALPHA 6mm (Mesh Mount)



Black 1x2 Glossy Glass Mosaic
12x12 Sheet (1 Pc. per SF)



Blue 1x2 Glossy Glass Mosaic
12x12 Sheet (1 Pc. per SF)



Cobalt 1x2 Glossy Glass Mosaic
12x12 Sheet (1 Pc. per SF)

CRYSTAL

ALTONA 8mm (Mesh Mount)



Coral Clay

Random Linear Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Edon Shoal

Random Linear Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Freeport

Random Linear Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Mangrove Bay

Random Linear Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Spray Rock

Random Linear Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



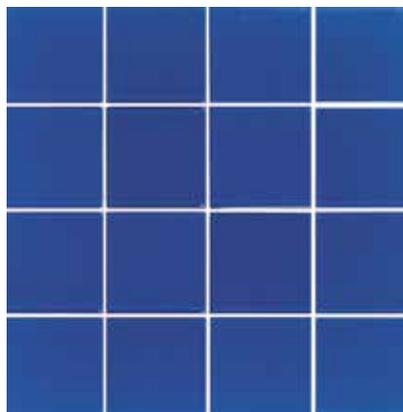
Tarpon Isle

Random Linear Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)

CRYSTAL 6mm (Mesh Mount)



Black Solid 3x3 Glossy Mosaic
12x12 Sheet (1 Pc. per SF)



Cobalt Solid 3x3 Glossy Mosaic
12x12 Sheet (1 Pc. per SF)



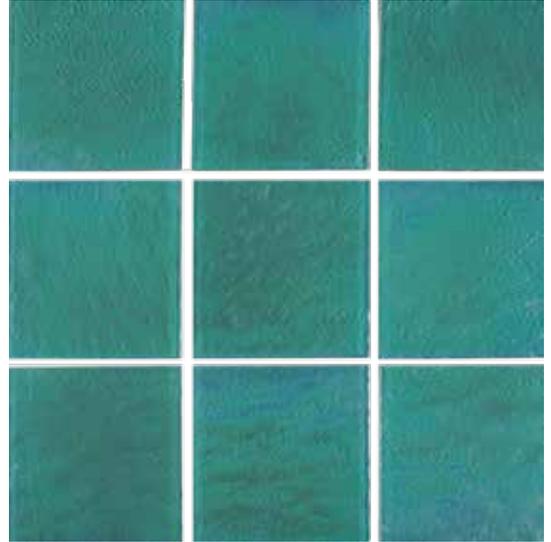
White Solid 3x3 Glossy Mosaic
12x12 Sheet (1 Pc. per SF)

CRYSTAL

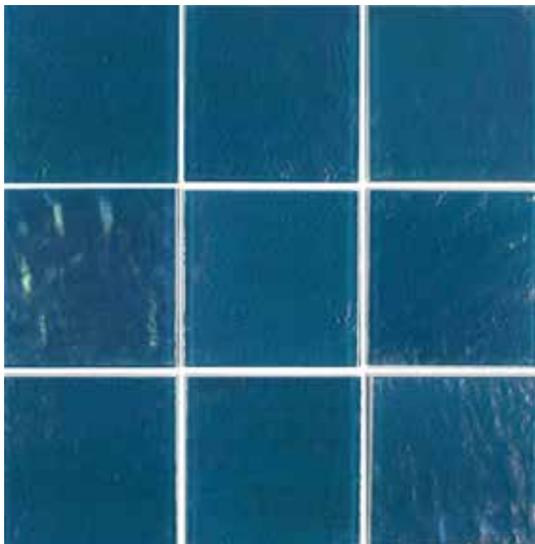
ELEGANT 6mm



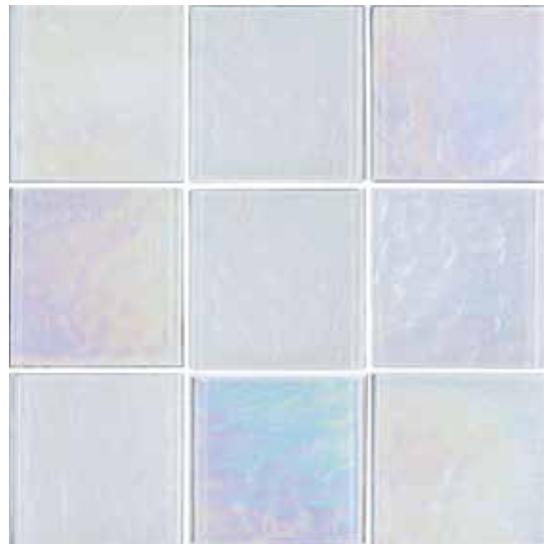
Cobalt 6x6 Glossy (Range)



Green 6x6 Glossy (Range)



Turquoise 6x6 Glossy (Range)



White 6x6 Glossy (Range)

CRYSTAL

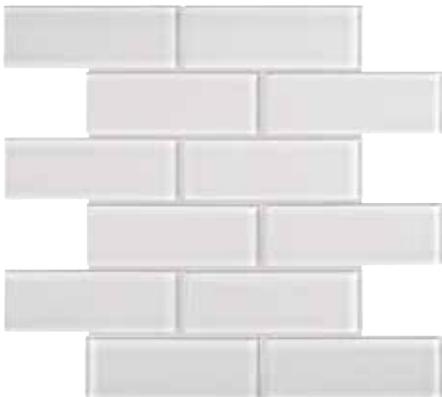
ELEMENT 8mm (Mesh Mount)



Cloud 2x6 Staggered Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)

Ice 2x6 Staggered Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)

Shadow 2x6 Staggered Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Skylight 2x6 Staggered Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)

Cloud Linear Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)

Ice Linear Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Shades of Grey Linear Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)

Shadow Linear Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)

Skylight Linear Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)

CRYSTAL

ELEMENT 8mm (Mesh Mount) (Cont'd)



Cloud 1.5x6 Stacked Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Earth 1.5x6 Stacked Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Ice 1.5x6 Stacked Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Mist 1.5x6 Stacked Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Sand 1.5x6 Stacked Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Shadow 1.5x6 Stacked Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Shades of Grey 1x4 Stacked Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



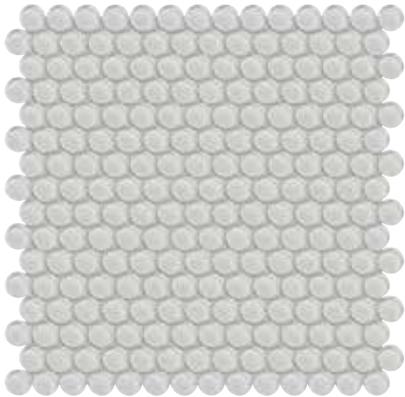
Skylight 1.5x6 Stacked Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



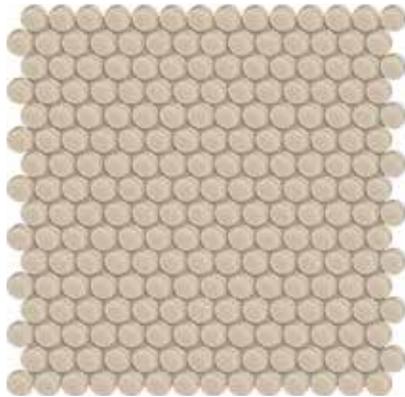
Smoke 1.5x6 Stacked Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)

CRYSTAL

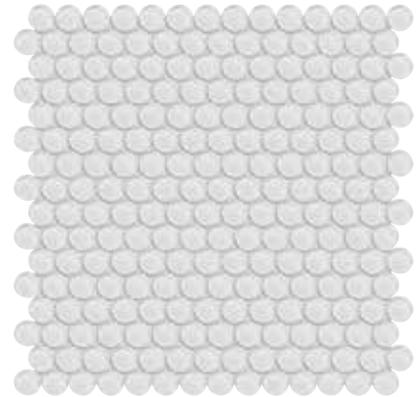
ELEMENT 8mm (Mesh Mount) (Cont'd)



Cloud Penny Round Glossy Mosaic
11.5 x11.75 Sheet (1.07 Pcs. per SF)



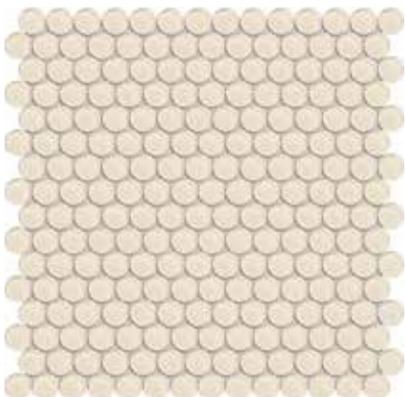
Earth Penny Round Glossy Mosaic
11.5 x11.75 Sheet (1.07 Pcs. per SF)



Ice Penny Round Glossy Mosaic
11.5 x11.75 Sheet (1.07 Pcs. per SF)



Mist Penny Round Glossy Mosaic
11.5 x11.75 Sheet (1.07 Pcs. per SF)



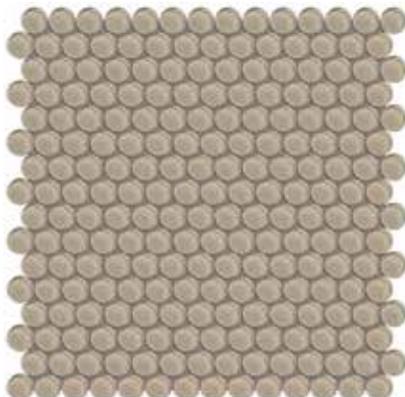
Sand Penny Round Glossy Mosaic
11.5 x11.75 Sheet (1.07 Pcs. per SF)



Shadow Penny Round Glossy Mosaic
11.5 x11.75 Sheet (1.07 Pcs. per SF)



Skylight Penny Round Glossy Mosaic
11.5 x11.75 Sheet (1.07 Pcs. per SF)



Smoke Penny Round Glossy Mosaic
11.5 x11.75 Sheet (1.07 Pcs. per SF)

CRYSTAL

ELEMENT 8mm (Mesh Mount) (Cont'd)



Cloud 3x12 Artisan Glass Glossy Tile (4 Pcs. per SF)



Earth 3x12 Artisan Glass Glossy Tile (4 Pcs. per SF)



Ice 3x12 Artisan Glass Glossy Tile (4 Pcs. per SF)



Mist 3x12 Artisan Glass Glossy Tile (4 Pcs. per SF)



Sand 3x12 Artisan Glass Glossy Tile (4 Pcs. per SF)



Shadow 3x12 Artisan Glass Glossy Tile (4 Pcs. per SF)



Skylight 3x12 Artisan Glass Glossy Tile (4 Pcs. per SF)



Smoke 3x12 Artisan Glass Glossy Tile (4 Pcs. per SF)



Cloud 3x12 Glass Glossy Tile (4 Pcs. per SF)



Earth 3x12 Glass Glossy Tile (4 Pcs. per SF)



Ice 3x12 Glass Glossy Tile (4 Pcs. per SF)



Mist 3x12 Glass Glossy Tile (4 Pcs. per SF)



Sand 3x12 Glass Glossy Tile (4 Pcs. per SF)



Shadow 3x12 Glass Glossy Tile (4 Pcs. per SF)



Skylight 3x12 Glass Glossy Tile (4 Pcs. per SF)



Smoke 3x12 Glass Glossy Tile (4 Pcs. per SF)

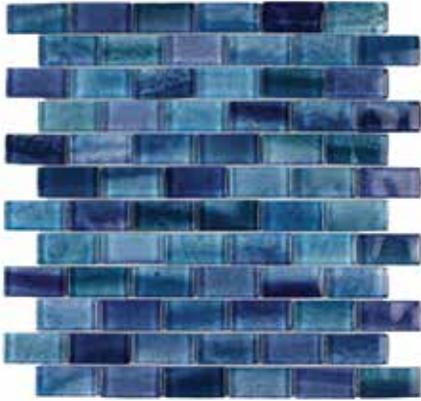
HOT SPRINGS 8mm (Mesh Mount)



Chico Stacked Glass Glossy Mosaic 11.75x11.75 Sheet (1.04 Pcs. per SF)

CRYSTAL

GEMSTONE 8mm (Mesh Mount)



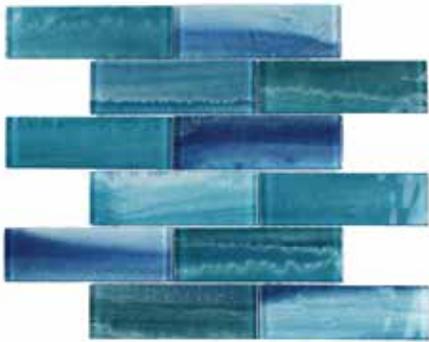
Aquamarine 1x2 Staggered Glossy Mosaic 12x12 Sheet (1 Pcs. per SF)



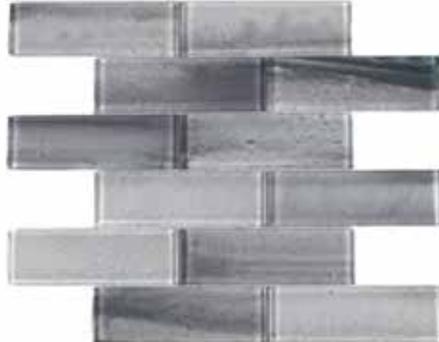
Royal Blue 1x2 Staggered Glossy Mosaic 12x12 Sheet (1 Pcs. per SF)



Silver 1x2 Staggered Glossy Mosaic 12x12 Sheet (1 Pcs. per SF)



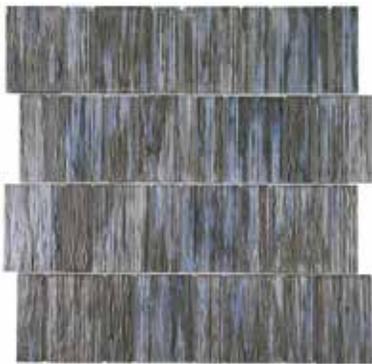
Aquamarine 2x6 Staggered Glossy Mosaic 12x12 Sheet (1 Pcs. per SF)



Silver 2x6 Staggered Glossy Mosaic 12x12 Sheet (1 Pcs. per SF)



Aquamarine 3x9 Glass Glossy Tile (Range) (5.32 Pcs. per SF)



Mystic Stacked Glass Glossy Mosaic 11.75x11.75 Sheet (1.04 Pcs. per SF)



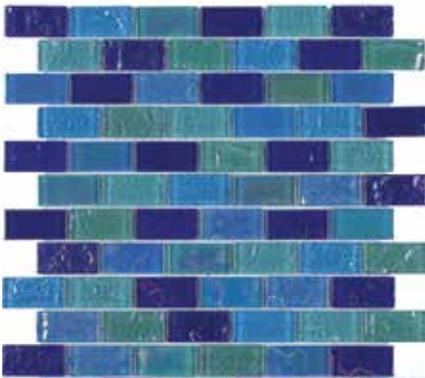
Glenwood Stacked Glass Glossy Mosaic 11.75x11.75 Sheet (1.04 Pcs. per SF)



Saratoga Stacked Glass Glossy Mosaic 11.75x11.75 Sheet (1.04 Pcs. per SF)

CRYSTAL

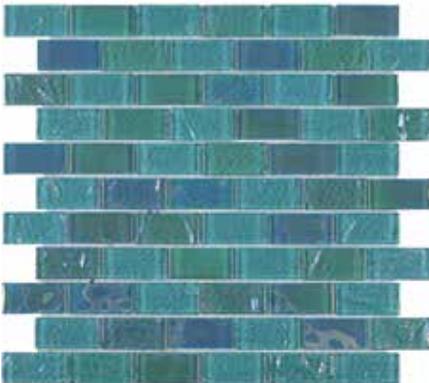
MERCURY 6mm (Mesh Mount)



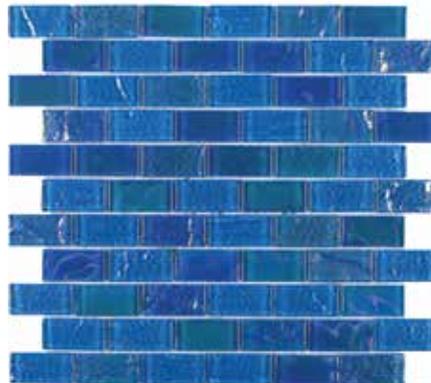
Blend 1x2 Glass Glossy Mosaic
12x12 Sheet (1 Pc. per SF)



Cobalt 1x2 Glass Mosaic
12x12 Sheet (1 Pc. per SF)

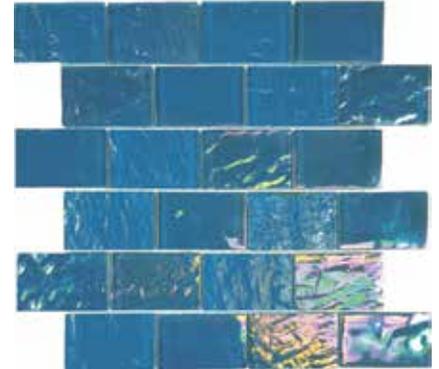


Green 1x2 Glass Glossy Mosaic
12x12 Sheet (1 Pc. per SF)

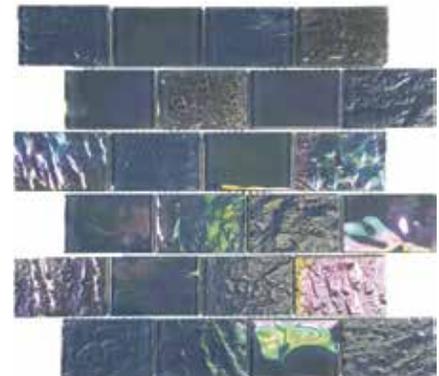


Turquoise 1x2 Glass Glossy Mosaic
12x12 Sheet (1 Pc. per SF)

NAUTICAL 6mm (Mesh Mount)



Bimini Blue
2x3 Staggered Glass Glossy Mosaic
11.5 x11.75 Sheet (1.07 Pcs. per SF)

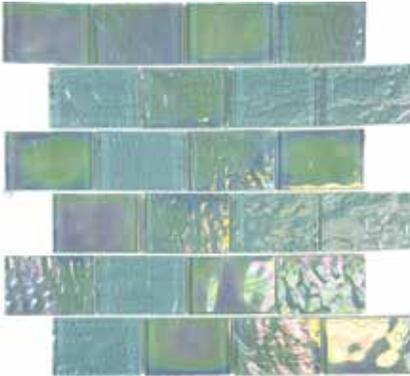


Thunder Gray
2x3 Staggered Glass Glossy Mosaic
11.5 x11.75 Sheet (1.07 Pcs. per SF)

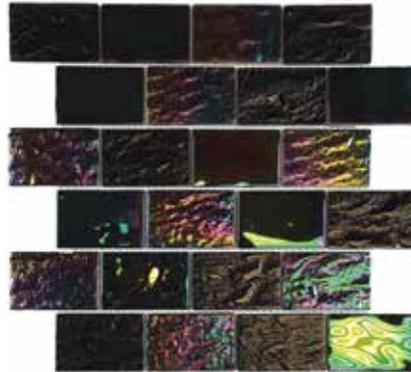


Naval Blue
1x3 Staggered Glass Glossy Mosaic
11.5 x11.75 Sheet (1.07 Pcs. per SF)

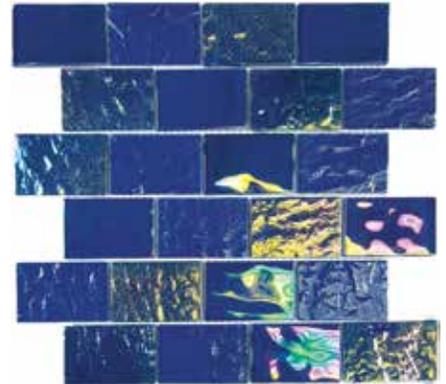
CRYSTAL



Emerald Green
2x3 Staggered Glass Glossy Mosaic
11.5 x11.75 Sheet (1.07 Pcs. per SF)



Laguna Black
2x3 Staggered Glass Glossy Mosaic
11.5 x11.75 Sheet (1.07 Pcs. per SF)



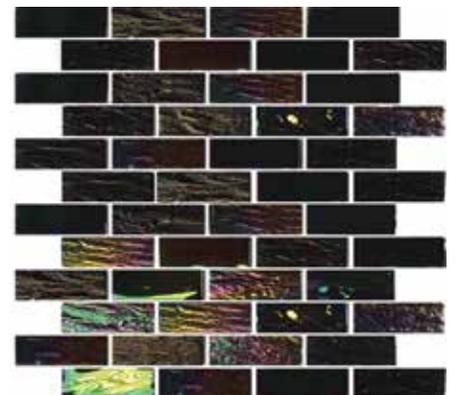
Naval Blue
2x3 Staggered Glass Glossy Mosaic
11.5 x11.75 Sheet (1.07 Pcs. per SF)



Bimini Blue
1x3 Staggered Glass Glossy Mosaic
11.5 x11.75 Sheet (1.07 Pcs. per SF)



Emerald Green
1x3 Staggered Glass Glossy Mosaic
11.5 x11.75 Sheet (1.07 Pcs. per SF)



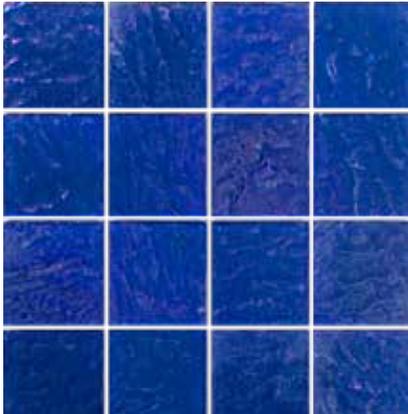
Laguna Black
1x3 Staggered Glass Glossy Mosaic
11.5 x11.75 Sheet (1.07 Pcs. per SF)



Thunder Gray
1x3 Staggered Glass Glossy Mosaic
11.5 x11.75 Sheet (1.07 Pcs. per SF)

CRYSTAL

PIAZZA 6mm (Mesh Mount)



Cobalt 3x3 Glass Glossy Mosaic
12x12 Sheet (1 Pc. per SF)



Green 3x3 Glass Glossy Mosaic
12x12 Sheet (1 Pc. per SF)



Turquoise 3x3 Glass Glossy Mosaic
12x12 Sheet (1 Pc. per SF)



White 3x3 Glass Glossy Mosaic
12x12 Sheet (1 Pc. per SF)



Cobalt 3x3 Random Glass
Glossy Mosaic 11.75x11.75 Sheet
(1.04 Pcs. per SF)



Green 3x3 Random Glass
Glossy Mosaic 11.75x11.75 Sheet
(1.04 Pcs. per SF)



Turquoise 3x3 Random Glass
Glossy Mosaic 11.75x11.75 Sheet
(1.04 Pcs. per SF)



White 3x3 3x3 Random Glass
Glossy Mosaic 11.75x11.75 Sheet
(1.04 Pcs. per SF)

CRYSTAL

REVERE (Mesh Mount)



Ash Glossy & Matte
(Multi-Linear) Random Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Natural Glossy & Matte
(Multi-Linear) Random Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)

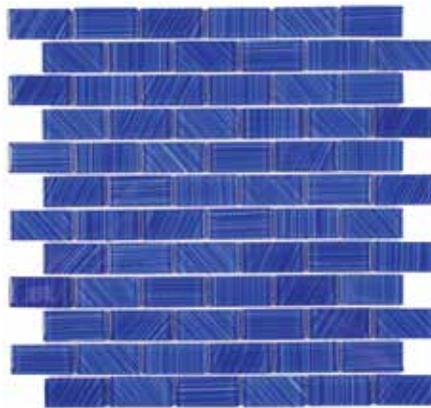


Hazel/Natural Glossy & Matte
(Multi-Linear) Random Mosaic Blend
11.75x11.75 Sheet (1.04 Pcs. per SF)

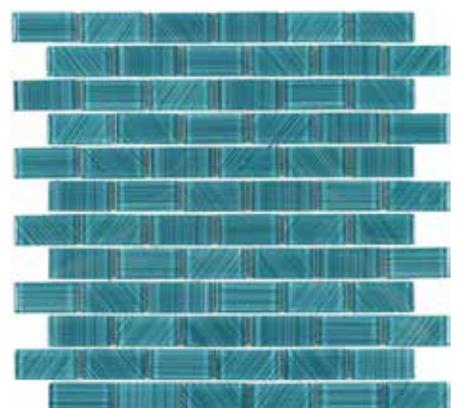
STRIPED 6mm (Mesh Mount)



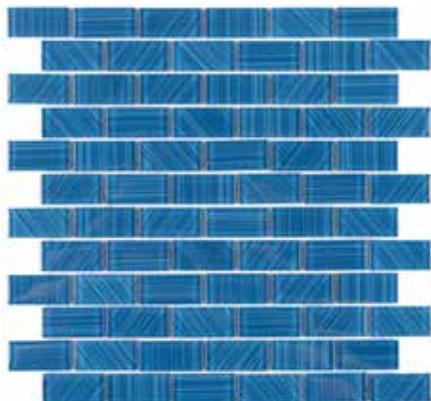
Black 1x2 Glass Glossy Mosaic
12x12 Sheet (1 Pc. per SF)



Cobalt 1x2 Glass Glossy Mosaic
12x12 Sheet (1 Pc. per SF)



Green 1x2 Glass Glossy Mosaic
12x12 Sheet (1 Pc. per SF)



Turquoise 1x2 Glass Glossy Mosaic
12x12 Sheet (1 Pc. per SF)

CRYSTAL

STROMBOLI 6mm (Mesh Mount)



NEW! **Garden Blue** 1x1 Glass Glossy Mosaic 11.75x11.75 Sheet (1.04 Pcs. per SF)



NEW! **Petra Blue** 1x1 Glass Glossy Mosaic 11.75x11.75 Sheet (1.04 Pcs. per SF)



NEW! **Porto Blue** 1x1 Glass Glossy Mosaic 11.75x11.75 Sheet (1.04 Pcs. per SF)

TRAPEZOID 6mm (Mesh Mount)



NEW! **Misty** 1x1 Glass Glossy Mosaic 11.75x11.75 Sheet (1.04 Pcs. per SF)

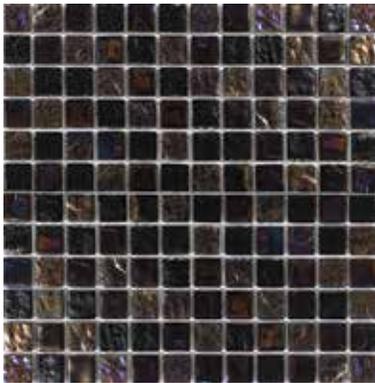


NEW! **Horizon** 1x1 Glass Glossy Mosaic 11.75x11.75 Sheet (1.04 Pcs. per SF)

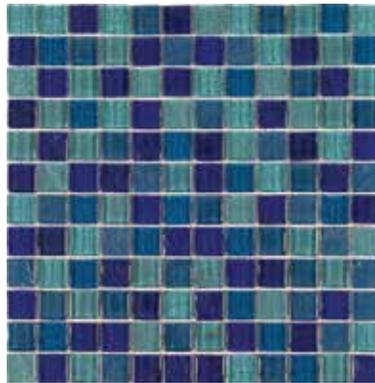
****CAUTION**:** Installation requires attention to pattern.

CRYSTAL

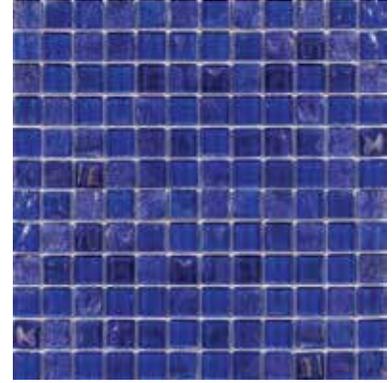
TREASURE 6mm (Mesh Mount)



Blackstone 1x1 Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



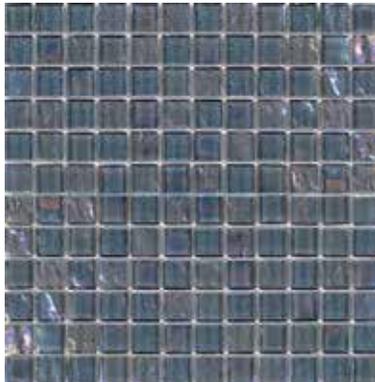
Blendstone 1x1 Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



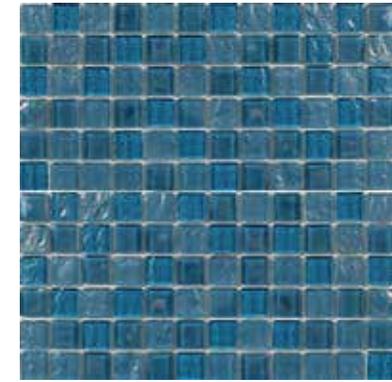
Cobaltstone 1x1 Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



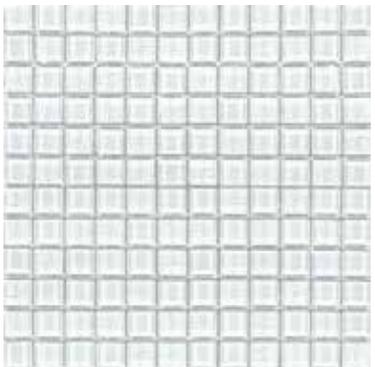
Greenstone 1x1 Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



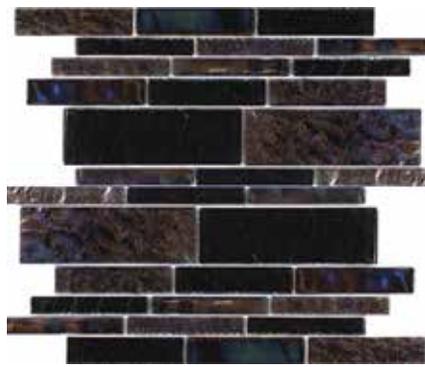
Moonstone 1x1 Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



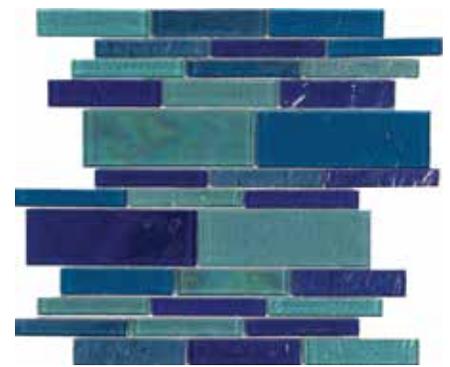
Topazstone 1x1 Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



Whitestone 1x1 Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



Blackstone
Random Linear Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



Blendstone
Random Linear Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)

CRYSTAL

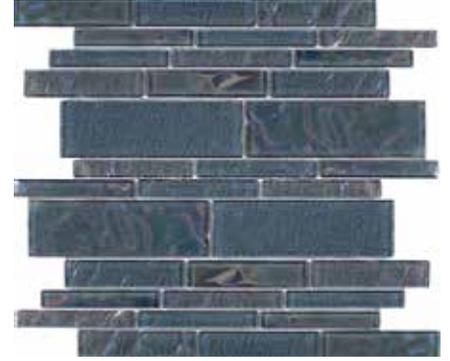
TREASURE 6mm (Mesh Mount) (Cont'd)



Cobaltstone
Random Linear Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



Greenstone
Random Linear Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



Moonstone
Random Linear Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



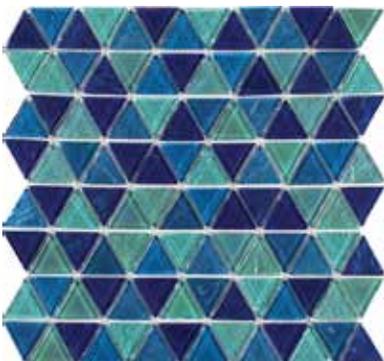
Topazstone
Random Linear Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



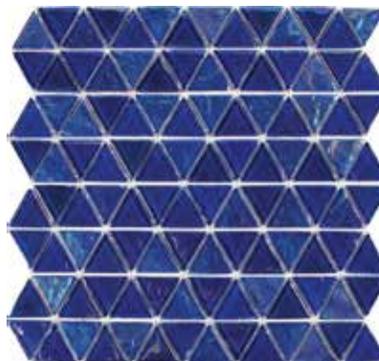
Whitestone
Random Linear Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



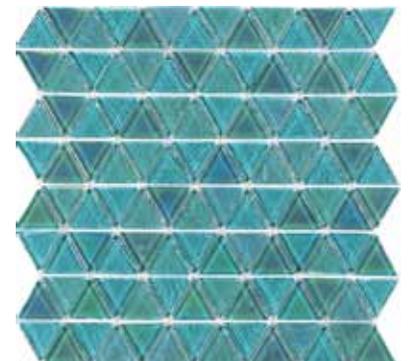
Black Stone Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



Blend Stone Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



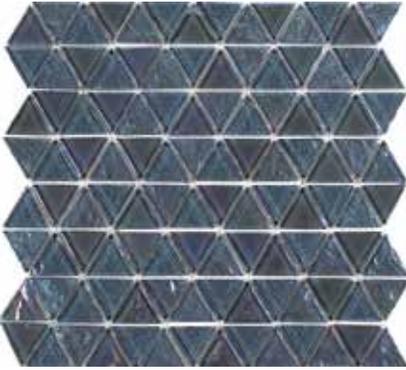
Cobalt Stone Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



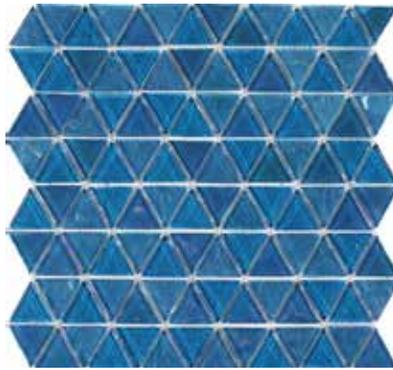
Green Stone Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)

CRYSTAL

TRIANGLE 6mm (Mesh Mount)



Moon Stone Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



Topaz Stone Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



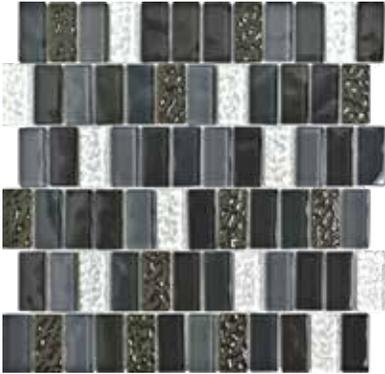
White Stone Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



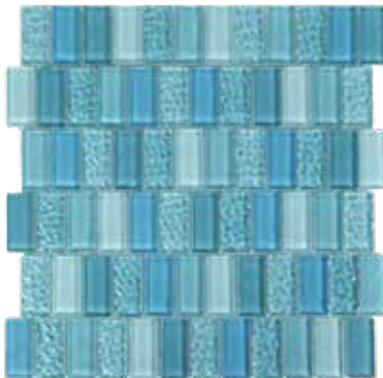
Shown: Triangle Blendstone

CRYSTAL

WATERCRAFT 6mm (Mesh Mount)



Black Sands 1x2 Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



Coral Reef 1x2 Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



Sea Breeze 1x2 Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



St Lucia 1x2 Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)



White Sand 1x2 Glass Glossy Mosaic
11.75 x11.75 Sheet (1.04 Pcs. per SF)

WAVY 6mm (Mesh Mount)



NEW! **Deep Blue** 1x2 Glass Glossy Mosaic
11.75x11.75 Sheet
(1.04 Pcs. per SF)



NEW! **Calm Aqua** 1x2 Glass Glossy Mosaic
11.75x11.75 Sheet
(1.04 Pcs. per SF)

Crystal Glass: Installation Instructions

CRYSTAL

These instructions are meant to be a general guide for installations under normal conditions. Please read and understand this information before installation. These instructions reference industry standards ANSI A108.16, ANSI A137.2, ANSI A108 AN-2, ANSI A118.15, and TCNA EJ-171. Please review these standards for more detailed instruction. If you have no experience with the installation of glass products obtain professional advice or use their services for the installation.

Hot Fired Crystal Glass Series: Mesh Mounted Or Loose Piece

Alpha / Bamboo / Border Wave / Crystal / Elegant / Elements / Fusion
Hot Springs / Lightwaves / Lux Aqua / Nautical / Patchwork / Piazza / Pure White
Rainbow / Revere / Slip Stream / Stardust / Stratos / Subway / Terra Piscina
Treasure / Triangle / Ultraviolet / Watercolors

Hot Fired Crystal Glass tiles are made of clear glass back-mounted with a fiberglass mesh (except those boxed as Loose pieces). These products are made using a hot glaze application process, fired on the backs side for decoration. They can be used for interior and exterior wall applications in wet or dry locations. All submerged, underwater installations must be installed by experts, which may require specific installation procedures and setting materials. Cement backer units and/or concrete masonry block are acceptable substrates. Gypsum wallboard is suitable for interior walls only.

Note: Ceramic Tile Mastic should never be used for the installation of any glass tile.

Installation Instructions: Verify product characteristics **BEFORE** installation for any visible defect and/or other aspects of the product that may be questionable, such as, but not limited to: shade variation, chipped edges, and scratched surfaces, variations between ordered and supplied products. Installation, where a claim to be defective is not caught or the material is not corresponding to customer's expectations, it's **'use' constitutes acceptance of the product "as is" and no claims will be accepted after installation.** Never use products from different lots. Every box is labeled showing production lot #'s, never mix these as part of the same installation.

Surface Preparation: All surfaces must be between 40°F (4°C) to 95°F (35°C) and structurally sound, dry, clean free of any contaminants which inhibit proper bond must be removed. Substrate preparation should be completed following ANSI A108 AN-2 "General Requirements for Sub-surfaces". All substrates should be plumb and true, surface deviation should not exceed 1/4" in 10'.

Applying Thinset Mortar: Apply a quality glass thinset specified as **ANSI A118.15** approved for use with glass or vitreous tile. IWT Recommends Laticrete 254 White or Laticrete GTA. Apply mortar to the substrate with the flat side of the trowel, with enough pressure to firmly work into the surface. With a notched trowel, immediately follow with a heavier coat of material using the appropriate trowel and enough mortar to provide necessary coverage to the back of the tile.

Do not spread more mortar than can be covered in 15 minutes or before the mortar skins over. Comb the mortar using an appropriate notched trowel in one direction, using the back of the trowel; flatten any notches of the mortar before placing the mosaic glass tile.

Back Butter: Next, spread a thin layer of thinset on the back of the glass mosaic tile sheet with the flat edge of your trowel. This back-buttering step is best used for all glass mosaic tiles, to keep any remaining trowel lines on the substrate from showing through on the edges.

CRYSTAL

Crystal Glass: Installation Instructions

Installation Instructions (Cont.)

Setting: Set your sheets into the thinset layer spread on your substrate, taking care to square the sheets as you go. Place tiles in mortar; beat in to insure proper coverage. Do not adjust tiles set in mortar after 15 minutes. It is advised

to occasionally remove tiles during the installation, to ensure the mortar has not skinned over and check the tile and substrate mortar coverage. Coverage of the thin set mortar is critical to the success of the installation of the tile.

Sheets should be placed onto the newly troweled thinset on your surface immediately. DO NOT delay this step, or your thinset will begin to dry and the tiles will not fully adhere to the surface. The thin-set mortar MUST cover the back of each glass piece pushing up slightly into the joints. You can remove excess thin set from the joints, before grouting later. Caution must be taken on the extremely large versions of Crystal Glass (Example 8" x 24" Elements) that are loose piece that require contractors mounting with spacers. Adequate grout lines (minimum 1/16") must be provided, no butt joints. Also, it is imperative to use expansion / movement joint at ever change of plane (all Corners of the installation or where the glass abuts a dissimilar product (tile).

Leveling: Square the sheet and apply to your surface, then "beat in"; gently with a rubber float or a beating block and a hammer to insure 100% adhesion and a level surface. Beating in with your float or beating block across the joint between adjacent sheets will achieve a level field across the entire area. Properly beating in and leveling will also prevent air bubbles from being trapped between the thinset and tile.

Align Grout Joints: Align each sheet carefully as it is installed to create uniform grout joints from sheet to sheet. A joint between adjacent sheets should measure the same distance as the joint between the rows of tile within a single sheet. If the joint between the sheets is wider, you will see a series of individual sheets outlined on your surface, instead of a smooth, continuous field of tiles that covers the entire area. Within 15 minutes of applying each section of your area, examine and straighten any joints that are not aligned and move as desired. Adjustments must be done immediately after or during the installation process before the setting material has dried. Do not adjust tiles set in mortar after 15 minutes.

Movement Expansion Joints: Movement (Expansion) joints must be provided to comply with TCA method EJ 171. It is imperative to not grout in the corners where the Glass changes plane. Use acrylic caulk for interior or preferably 100% silicone caulking, which approved for submerged application. This includes the top row which meets any coping in a pool installation as well as all corners. IWT recommends using Laticrete Latasil Silicone Caulk and Latasil Primer for exterior submerged expansion joints.

Grout Preparation: After 24-48 hours (dependent on climate and relative humidity), the thinset will be cured, and the tile will be ready for grouting. Follow the grouting method defined by ANSI A108.10. Hold a rubber grout float at a 45° angle, gently force grout diagonally into joints ensuring joints are completely filled. Remove excess grout using the edge of float held at a 90° angle. Cleanup can begin as soon as the grout becomes firm. Use as little water as possible for grout cleanup. Smooth and level joints in a circular motion while removing excess grout from tile. It is best to change cleaning water and rinse sponge frequently. Remove or buff grout haze from tile surface with a soft, dry cloth. IWT recommends polymer modified sanded grouts, such as Laticrete Permacolor.

Do Not apply excessive pressure, which can scratch the surface of the glass.

Sintered Recycled Glass

SINTERED

Sintered Recycled Glass have gained a lot of popularity as very small sized porcelain tiles became difficult to find from traditional manufacturers. This class of glass products are made in a significantly different process than the other two types. Recycled windowpane glass is pulverized into a fine powder which in turn is pressed into shapes like a traditional porcelain tile. It is then glazed with liquid glass glazes (often via ink jet process) on the top surface prior to being fired in the kiln. The traditional Kiln Firing includes the cool down process that we call annealing, which is part of the single fire process and not a second reheating of the product.

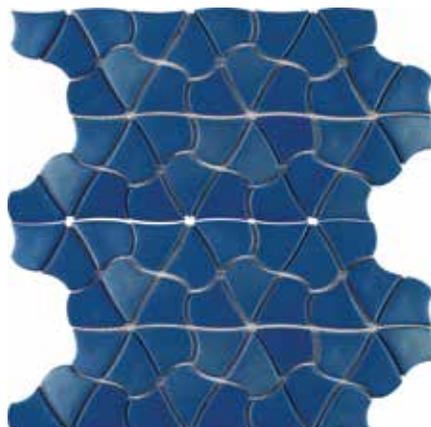
The mounting of Sintered Glass can be on fiberglass mesh or in some case using dot mounting.

Note: This process results in some minor variation of the size of the stones, we call that an 'artisan edge'.

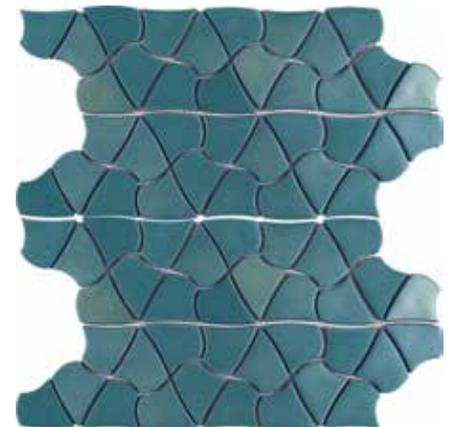
ALOHA



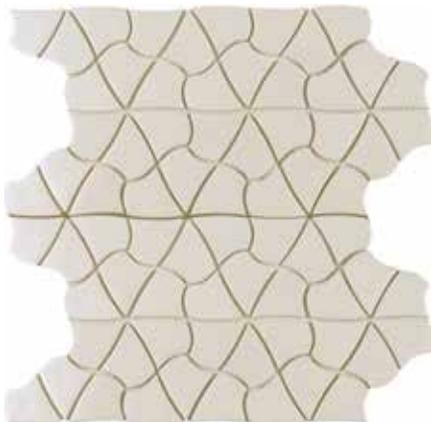
Blue Orchid Glass Glossy Mosaic
11.25x11.25 Sheet (1.17 Pcs. per SF)



Clematis Glass Glossy Mosaic
11.25x11.25 Sheet (1.17 Pcs. per SF)



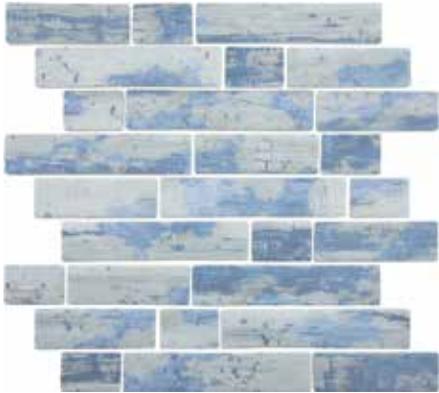
Mucuna Glass Glossy Mosaic
11.25x11.25 Sheet (1.17 Pcs. per SF)



Plumeria Glass Glossy Mosaic
11.25x11.25 Sheet (1.17 Pcs. per SF)

SINTERED

BARK 5mm (Mesh Mount)



Aspen
Multi-linear Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



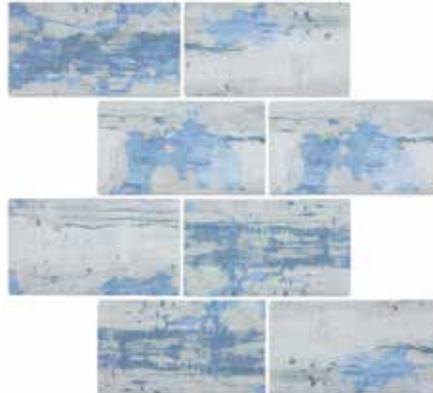
Bay
Multi-linear Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Cinnamon
Multi-linear Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Linden
Multi-linear Glossy Mosaic
11.75x11.75 Sheet (1.04 Pcs. per SF)



Aspen
3x6 Staggered Glossy Mosaic
11.5x11.5 Sheet (1.09 Pcs. per SF)



Bay
3x6 Staggered Glossy Mosaic
11.5x11.5 Sheet (1.09 Pcs. per SF)



Cinnamon
3x6 Staggered Glossy Mosaic
11.5x11.5 Sheet (1.09 Pcs. per SF)



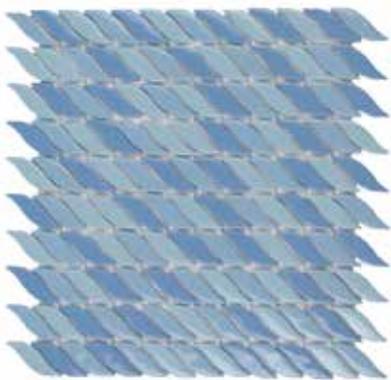
Linden
3x6 Staggered Glossy Mosaic
11.5x11.5 Sheet (1.09 Pcs. per SF)

Please Read – Important information regarding Bark:

This Artisan-edge glass mosaic is made with a variety of recycled glass pieces and may include irregular edges, rustic appearances, minimal imperfections or slight variations in sizing and squareness. These characteristics are inherent to this product due to the manufacturing process. The slight size or shape variations may affect the grout joint appearance, further enhancing the natural aspect of this product. Use constitutes acceptance

SINTERED

BOWLINE 6mm (Mesh Mount)

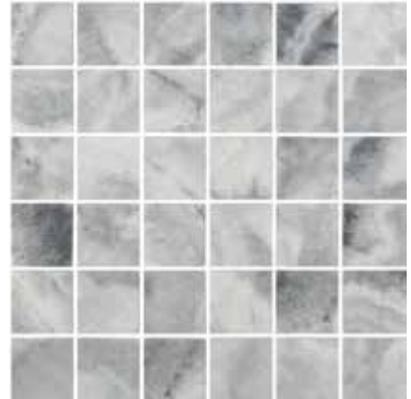


Blue Atoll Glass Glossy Mosaic
12x12 Sheet (1 Pcs. per SF)



Coral Sea Glass Glossy Mosaic
12x12 Sheet (1 Pcs. per SF)

ONIX ECO STONE 6mm (Dot Mount)

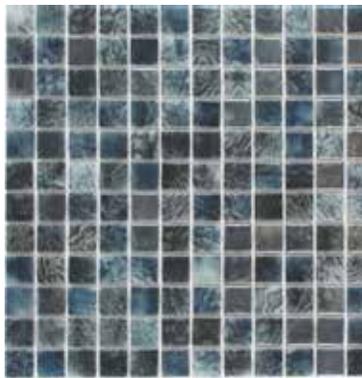


Onix 2x2 Glass Glossy Mosaic
12.25x12.25 Sheet (0.962 Pc. per SF)

VANGUARD 1X1 4mm (Dot Mount)



Arrecife Blue 1x1 Glass Glossy Mosaic
12.25x18.375 Sheet (0.641 Pc. per SF)
(Also Available in Non-Skid)



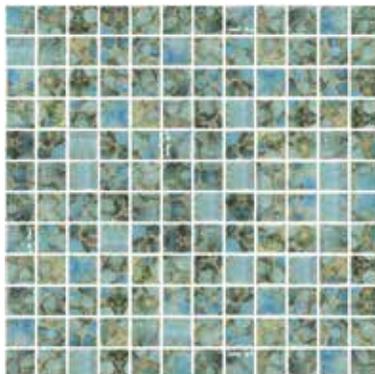
Arrecife Grey 1x1 Glass Glossy Mosaic
12.25x18.375 Sheet (0.641 Pc. per SF)

Please Read - Important information regarding Onix Eco Stone:

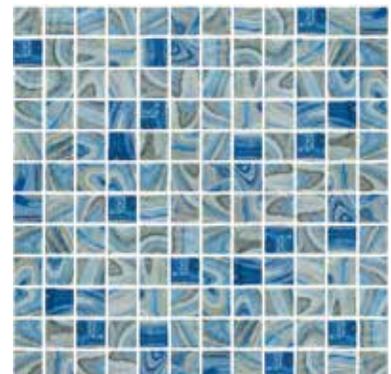
This Artisan-edge glass mosaic is made with recycled glass. The characteristics are inherent to this product due to the manufacturing process. The slight size or shape variations may affect the grout joint appearance, further enhancing the natural aspect of this product. Use constitutes acceptance



Forest Blue 1x1 Glass Glossy Mosaic
12.25x18.375 Sheet (0.641 Pc. per SF)
(Also Available in Non-Skid)



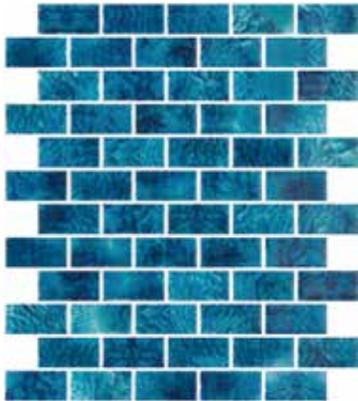
Rodas 1x1 Glass Glossy Mosaic
12.25x18.375 Sheet (0.641 Pc. per SF)
(Also Available in Non-Skid)



Tourmaline 1x1 Glass Glossy Mosaic
12.25x18.375 Sheet (0.641 Pc. per SF)
(Also Available in Non-Skid)

SINTERED

VANGUARD 5mm (Dot Mount) (Cont'd)



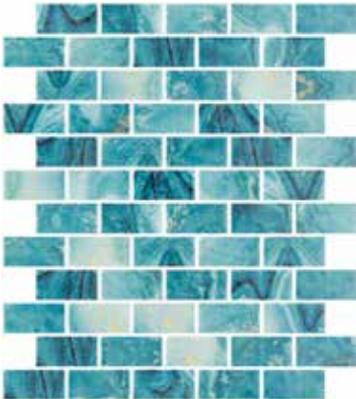
Arrecife Blue 1x2 Glass Glossy Mosaic 12.25x10 Sheet (1.18 Pc. per SF)



Arrecife Green 1x2 Glass Glossy Mosaic 12.25x10 Sheet (1.18 Pc. per SF)



Arrecife Grey 1x2 Glass Glossy Mosaic 12.25x10 Sheet (1.18 Pc. per SF)



Forest Aqua 1x2 Glass Glossy Mosaic 12.25x10 Sheet (1.18 Pc. per SF)



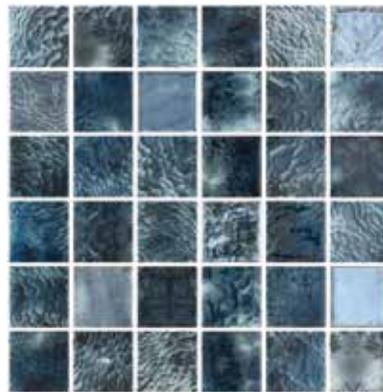
Sena 1x2 Glass Glossy Mosaic 12.25x10 Sheet (1.18 Pc. per SF)



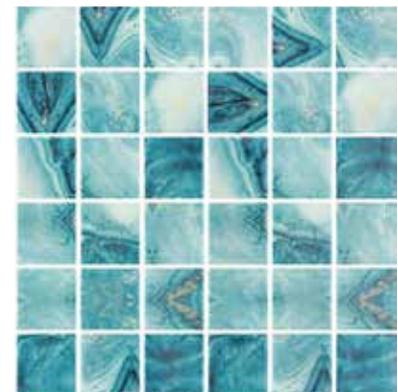
Arrecife Blue 2x2 Glass Glossy Mosaic 12x12 Sheet (1 Pc. per SF)



Arrecife Green 2x2 Glass Glossy Mosaic 12x12 Sheet (1 Pc. per SF)



Arrecife Grey 2x2 Glass Glossy Mosaic 12x12 Sheet (1 Pc. per SF)



Forest Aqua 2x2 Glass Glossy Mosaic 12x12 Sheet (1 Pc. per SF)

Please Read – Important information regarding Vanguard:

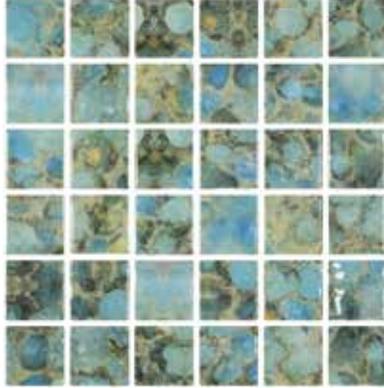
This Artisan-edge glass mosaic is made with a variety of recycled glass pieces and may include irregular edges, rustic appearances, minimal imperfections or slight variations in sizing and squareness. These characteristics are inherent to this product due to the manufacturing process. The slight size or shape variations may affect the grout joint appearance, further enhancing the natural aspect of this product. Use constitutes acceptance.

SINTERED

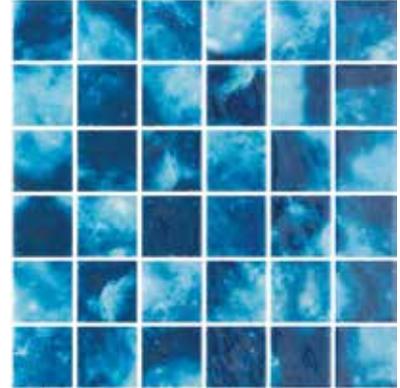
VANGUARD 2x2 5mm (Dot Mount)



Forest Blue 2x2 Glass Glossy Mosaic 12x12 Sheet (1 Pc. per SF)



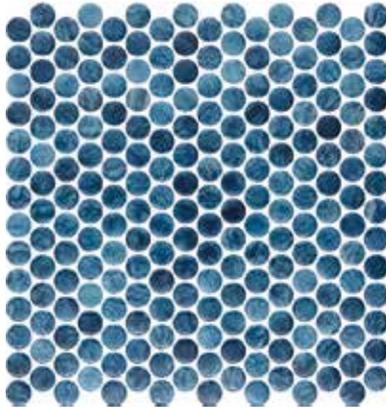
Rodas 2x2 Glass Glossy Mosaic 12x12 Sheet (1 Pc. per SF)



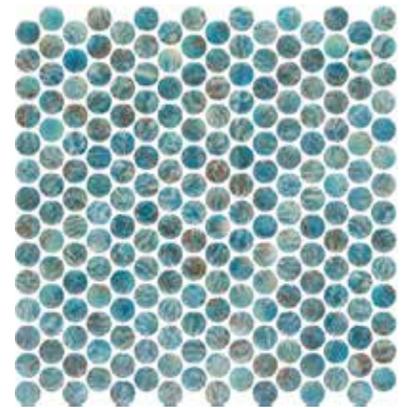
 **Sena** 2x2 Glass Glossy Mosaic 12x12 Sheet (1 Pc. per SF)



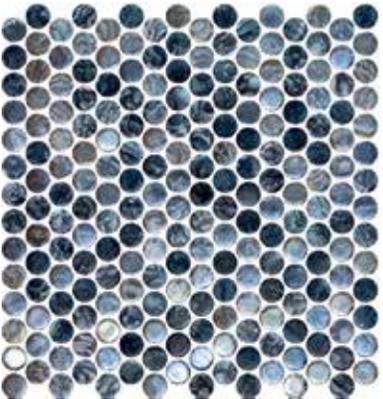
Tourmaline 2x2 Glass Glossy Mosaic 12x12 Sheet (1 Pc. per SF)



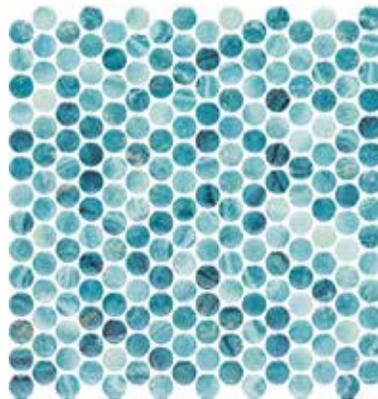
 **Arrecife Blue** Penny Glass Glossy Mosaic 11x11 Sheet (1.19 Pc. per SF)



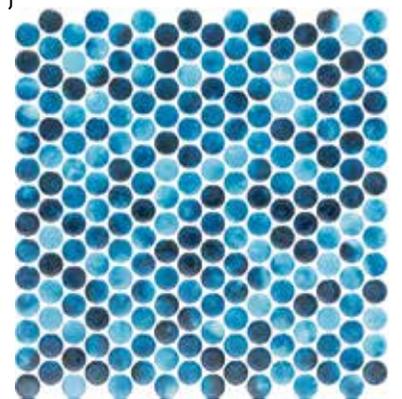
 **Arrecife Green** Penny Glass Glossy Mosaic 11x11 Sheet (1.19 Pc. per SF)



 **Arrecife Grey** Penny Glass Glossy Mosaic 11x11 Sheet (1.19 Pc. per SF)



 **Forest Aqua** Penny Glass Glossy Mosaic 11x11 Sheet (1.19 Pc. per SF)



 **Sena** Penny Glass Glossy Mosaic 11x11 Sheet (1.19 Pc. per SF)

Please Read - Important information regarding Vanguard:

This Artisan-edge glass mosaic is made with a variety of recycled glass pieces and may include irregular edges, rustic appearances, minimal imperfections or slight variations in sizing and squareness. These characteristics are inherent to this product due to the manufacturing process. The slight size or shape variations may affect the grout joint appearance, further enhancing the natural aspect of this product. Use constitutes acceptance.

SINTERED



Sintered Glass: Installation Instructions

SINTERED

These instructions are meant to be a general guide for installations under normal conditions. Please read and understand this information before installation. These instructions reference industry standards ANSI A108.16, ANSI A137.2, ANSI A108 AN-2, ANSI A118.15, and TCNA EJ-171. Please review these standards for more detailed instruction. If you have no experience with the installation of glass products obtain professional advice or use their services for the installation.

SINTERED GLASS: Mesh or Dot Mounted

Aloha / Bark / Bowline / Illusions / Vanguard

Sintered Recycled Glass are made of recycled windowpane glass, which is pulverized into a fine powder and pressed into shapes like a traditional porcelain tile. They are then glazed with liquid glass glazes (often via ink jet process) on the top surface prior to being fired. The mounting of Sintered Glass can be on fiberglass mesh or in some case using dot mounting. Note, this process results in some minor variation of the size of the stones, we call that an 'artisan edge'.

They can be used for interior and exterior wall applications in wet or dry locations. All submerged, underwater installations must be installed by experts, which may require specific installation procedures and setting materials. Cement backer units and/or concrete masonry block are acceptable substrates. Gypsum wallboard is suitable for interior walls only.

Note: Ceramic Tile Mastic should never be used for the installation of any glass tile.

Installation Instructions: Verify product characteristics **BEFORE** installation for any visible defect and/or other aspects of the product that may be questionable, such as, but not limited to: shade variation, chipped edges, and scratched surfaces, variations between ordered and supplied products. Installation, where a claim to be defective is not caught or the material is not corresponding to customer's expectations, it's **'use' constitutes acceptance of the product "as is" and no claims will be accepted after installation.** Never use products from different lots. Every box is labeled showing production lot #'s, never mix these as part of the same installation.

Surface Preparation: All surfaces must be between 40°F (4°C) to 95°F (35°C) and structurally sound, dry, clean free of any contaminants which inhibit proper bond must be removed. Substrate preparation should be completed following ANSI A108 AN-2 "General Requirements for Sub-surfaces". All substrates should be plumb and true, surface deviation should not exceed 1/4" in 10'.

Applying Thinset Mortar: Apply a quality glass thinset specified as **ANSI A118.15** approved for use with glass or vitreous tile. IWT Recommends Laticrete 254 White or Laticrete GTA. Apply mortar to the substrate with the flat side of the trowel, with enough pressure to firmly work into the surface. With a notched trowel, immediately follow with a heavier coat of material using the appropriate trowel and enough mortar to provide necessary coverage to the back of the tile.

Do not spread more mortar than can be covered in 15 minutes or before the mortar skins over. Comb the mortar using an appropriate notched trowel in one direction, using the back of the trowel; flatten any notches of the mortar before placing the mosaic glass tile.

Back Butter: Next, spread a thin layer of thinset on the back of the glass mosaic tile sheet with the flat edge of your trowel. This back-buttering step is best used for all glass mosaic tiles, to keep any remaining trowel lines on the substrate from showing through on the edges..

Sintered Glass: Installation Instructions

SINTERED

Installation Instructions (Cont.)

Setting: Set your sheets into the thinset layer spread on your substrate, taking care to square the sheets as you go. Place tiles in mortar; beat in to insure proper coverage. Do not adjust tiles set in mortar after 15 minutes. It is advised

to occasionally remove tiles during the installation, to ensure the mortar has not skinned over and check the tile and substrate mortar coverage. Coverage of the thin set mortar is critical to the success of the installation of the tile.

Sheets should be placed onto the newly troweled thinset on your surface immediately. DO NOT delay this step, or your thinset will begin to dry and the tiles will not fully adhere to the surface. The thin-set mortar MUST cover the back of each glass piece pushing up slightly into the joints. You can remove excess thin set from the joints, before grouting later.

Leveling: Square the sheet and apply to your surface, then “beat in”; gently with a rubber float or a beating block and a hammer to insure 100% adhesion and a level surface. Beating in with your float or beating block across the joint between adjacent sheets will achieve a level field across the entire area. Properly beating in and leveling will also prevent air bubbles from being trapped between the thinset and tile.

Align Grout Joints: Align each sheet carefully as it is installed to create uniform grout joints from sheet to sheet. A joint between adjacent sheets should measure the same distance as the joint between the rows of tile within a single sheet. If the joint between the sheets is wider, you will see a series of individual sheets outlined on your surface, instead of a smooth, continuous field of tiles that covers the entire area. Within 15 minutes of applying each section of your area, examine and straighten any joints that are not aligned and move as desired. Adjustments must be done immediately after or during the installation process before the setting material has dried. Do not adjust tiles set in mortar after 15 minutes.

Movement Expansion Joints: Movement (Expansion) joints must be provided to comply with TCA method EJ 171. It is imperative to not grout in the corners where the Glass changes plane. Use acrylic caulk for interior or preferably 100% silicone caulking, which approved for submerged application. This includes the top row which meets any coping in a pool installation as well as all corners. IWT recommends using Laticrete Latasil Silicone Caulk and Latasil Primer for exterior submerged expansion joints.

Grout Preparation: After 24-48 hours (dependent on climate and relative humidity), the thinset will be cured, and the tile will be ready for grouting. Follow the grouting method defined by ANSI A108.10. Hold a rubber grout float at a 45° angle, gently force grout diagonally into joints ensuring joints are completely filled. Remove excess grout using the edge of float held at a 90° angle. Cleanup can begin as soon as the grout becomes firm. Use as little water as possible for grout cleanup. Smooth and level joints in a circular motion while removing excess grout from tile. It is best to change cleaning water and rinse sponge frequently. Remove or buff grout haze from tile surface with a soft, dry cloth. IWT recommends polymer modified sanded grouts, such as Laticrete Permacolor.

Do Not apply excessive pressure, which can scratch the surface of the glass.



Shown: Ocean Stones, Robins Egg (Pg 39)

AVOID GLASS FAILURE ON POOL INSTALLATIONS

What is a movement or expansion joint?

Pools and other submerged areas with glass mosaic tile require a movement or expansion joint every eight to twelve feet, within the waterline, at corners, at the top of the waterline and raised tiled areas where they meet dissimilar materials, such as decking or pool coping.

Why Expansion Joints?

The concern with glass failure, also known as cracking or spalling, arises when the color-body of the glass heats up and is directly faced with the hot summer sun causing the glass to expand. The major cause is that the cement wall or beam of the pool will not expand proportionately at the same rate as the glass. *(Note: color in glass is made through the addition of metal oxides; examples are: Iron, Copper, Nickel, Manganese, Cobalt and Chromium).*

Glass tile **does** expand and contract more than ceramic and porcelain tile. This movement needs to be accommodated during the installation. Thus, the industry standard for any pool tile glass installation requires a movement or expansion joint around the entire perimeter of waterline below the coping, as well as every eight to twelve lineal feet on the waterline and at all corners. This also includes any skimmers, water features and directly over any joints in the concrete shell.

For the movement joint, utilize a flexible sealant recommended for submerged applications. Aquatica recommends high quality 100% silicone caulk. [Do not use acrylic as it will not stand up in a pool environment].

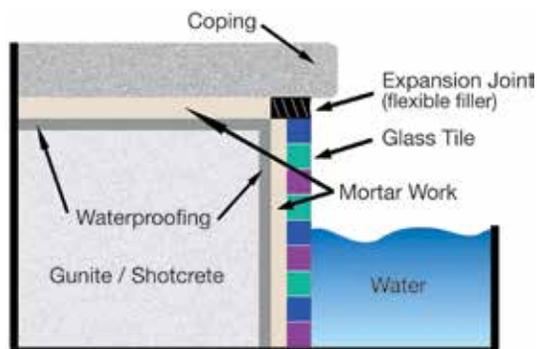
The **most important** movement joint is where the glass material meets the coping or the decking! While this recommendation is standard installation procedure for all exterior installations, it is *frequently ignored*.

It is CRITICAL to follow the TCNA guidelines with ALL Glass Tile Installation:

****Use only highly modified Thinset approved for Glass Tile Installation****

Do not install glass with color body without adhering to these guidelines. Use Constitutes Acceptance.

MOVEMENT JOINT BETWEEN COPING AND TILE



Example of glass failure due to no expansion joints.

Note: Optional Waterproofing / Crack Suppression can also help prevent the Efflorescence commonly seen on failures. Contact your setting material manufacturer for further information.

Movement (Expansion) joints are required to comply with TCNA method EJ 171

Source: Tile Council of North America (TCNA) & Ceramic Tile Institute of America (CTIOA)

WARRANTY & CLAIMS

The Aquatica Pool & Spa Tile and glass mosaics will perform as intended when installed in accordance with the appropriate ANSI specifications and standard industry practices by competent licensed professional installers. All sizes stated are nominal as per industry standard. Installation constitutes acceptance.

EXCLUSIONS:

This warranty excludes chips, scratches and cracking due to substrate movement, shrinkage, moisture or failure due to poor workmanship or a lack of properly-placed perimeter and/or movement joints not consistent with standard industry practices and guidelines.

- Warranty is null and void if proper installation guidelines are not followed and/or material is not properly maintained.
- Commercial and rental property use is excluded.
- Setting material failure is not covered under this warranty.
- Any misuse of the product, including physical or chemical abuse or negligence is not covered by this warranty.

For detailed installation and specification information, please visit www.internationalwholesaletile.com/aquatica or call IWT Technical Services 800 340-8453.



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