NITCO

TILES MARBLE MOSAICO

Artisanal Collection

PORCELAIN MOSAICO

Introduction

Welcome to the future of exquisite design and unparalleled sophistication. Nitco, a name synonymous with innovation and elegance in the world of tiles and surfaces, proudly presents its latest marvel: Press Porcelain Mosaics.

The Press Porcelain Mosaics range captures the essence of opulence and ingenuity, crafted to adorn spaces with unparalleled splendor.

As you leaf through the pages of this catalogue, you'll embark on a visual journey that showcases the fusion of traditional mosaic art with cutting-edge technology, resulting in a symphony of patterns, textures, and colors that captivate the senses.

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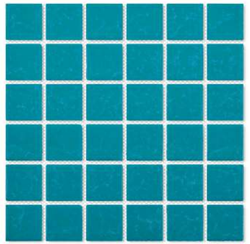
Swimming Pool Collection

Cloudy Series *(48X48 mm)*

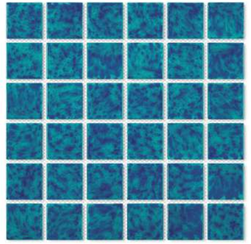
D. Blue



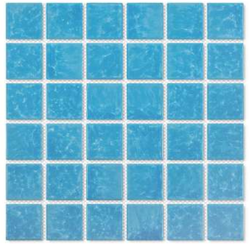
M. Green



M. Blue

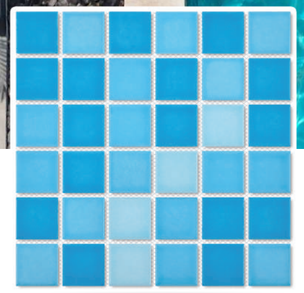


L. Blue



Solid Series

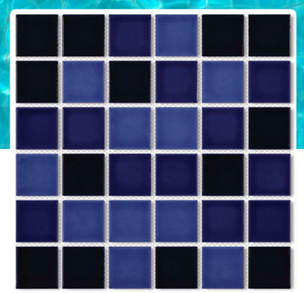
(48X48 mm)



L. Blue Blend



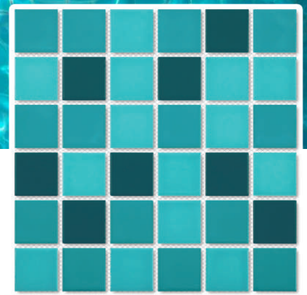
M. Blue Blend



D. Blue Blend



L. Green Blend



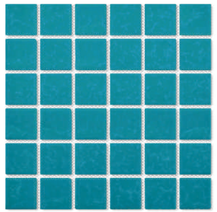
D. Green Blend

Frizzle Series *(48X48 mm)*

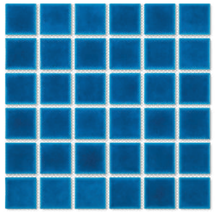
L. Blue



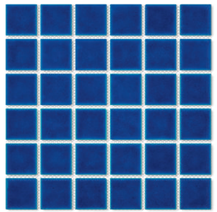
M. Blue



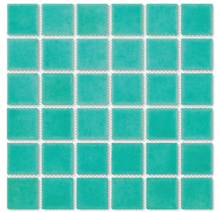
D. Blue



SD. Blue



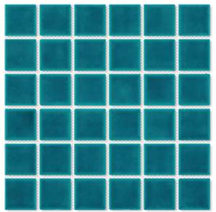
L. Green



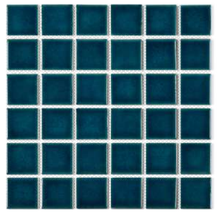
M. Green



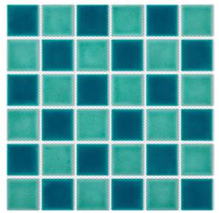
D. Green



SD. Green

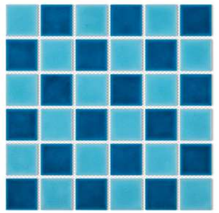


Green Checker



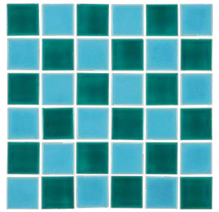
*L. & D. Green**

Blue Checker



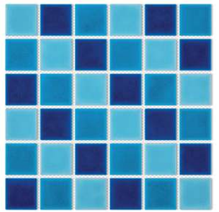
*L. & D. Blue**

Green & Blue Checker

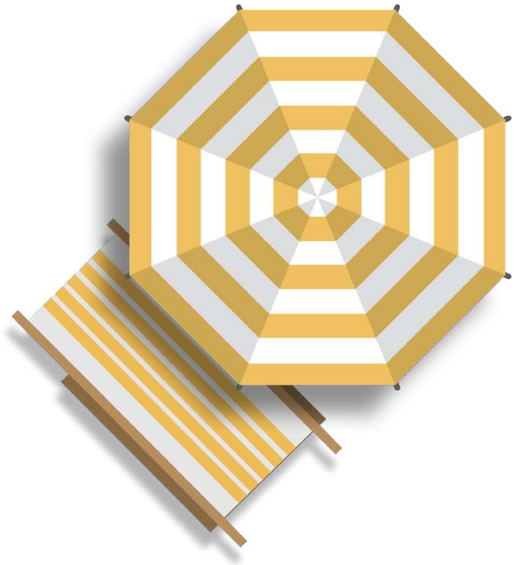


*L. Blue & M. Green**

Blue Blend



*L., M. & SD. Blue***



** Checkers combinations are also available in blend (Random placed pixels)*
***Blend will also have colour pixels placed randomly and shall not follow a fixed pattern*

Frizzle Effect

Frizzle brings a premium Crackle effect to the surface



These are special tiles made for swimmimg pool to give it a shimmery effect, which also has zero porosity that leads to no fungus and scaling. The cracks are part of the design and enhance the look of the pool. They are made by applying reactive glazes to the tile surface.

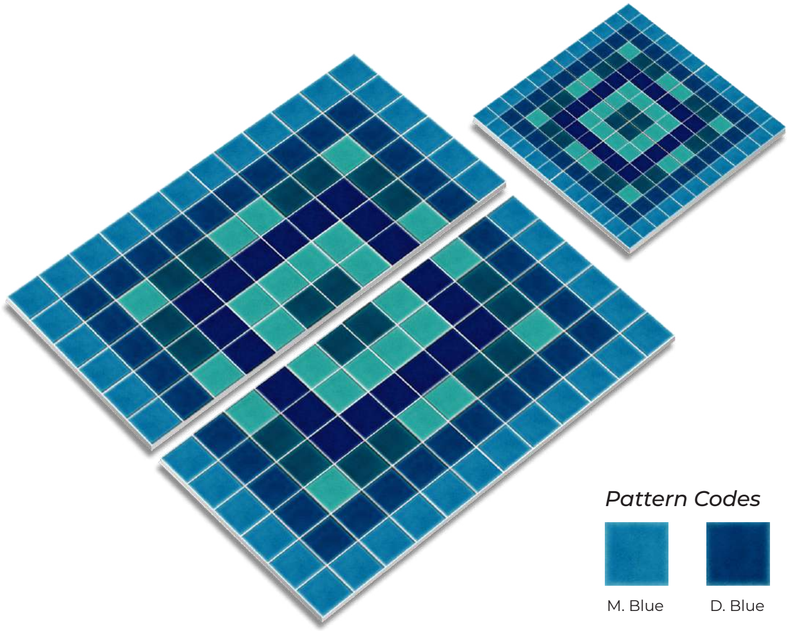
The most prominent benefit of using our frizzle effect tiles in the swimming pool is their durability and low maintenance requirements. The glaze on these tiles protects them from fading over time due to sunlight exposure and chemical effects like chlorine or salt water. Additionally, cracks are less likely to form on these tiles since they have an extra layer of glazing from the manufacturing process which helps reduce wear and tear over time.

Frizzle Exclusive

Being the pioneers for surface innovations we at NITCO have created unique mosaic patterns to make your pool look one of a kind.



Sapphire Springs





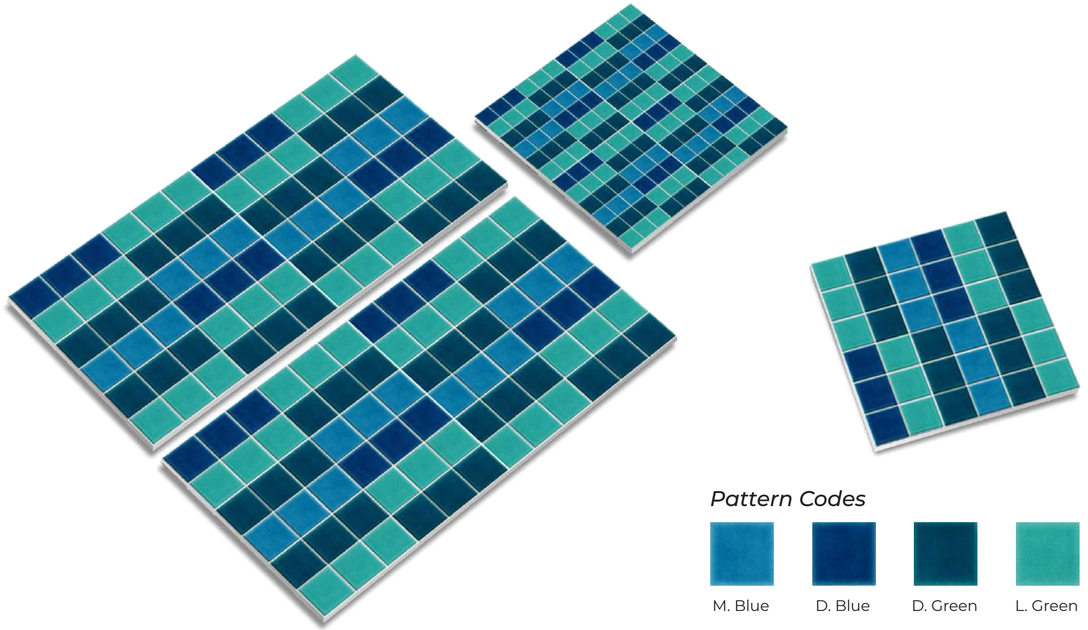
Pattern Codes

M. Blue | D. Blue | SD. Blue | L. Green | D. Green

G



Paradise Bay

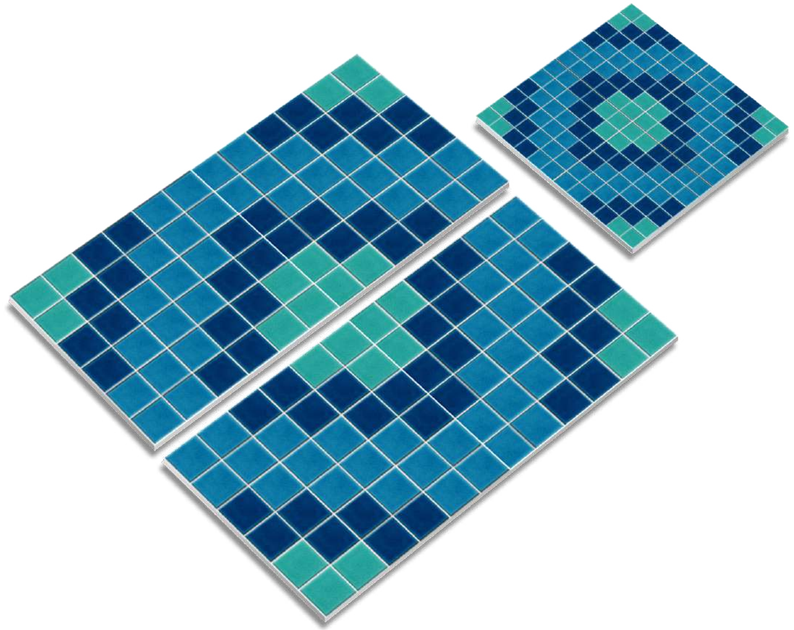


Pattern Codes

M. Blue | D. Blue | D. Green | L. Green

G

Bahamas Green



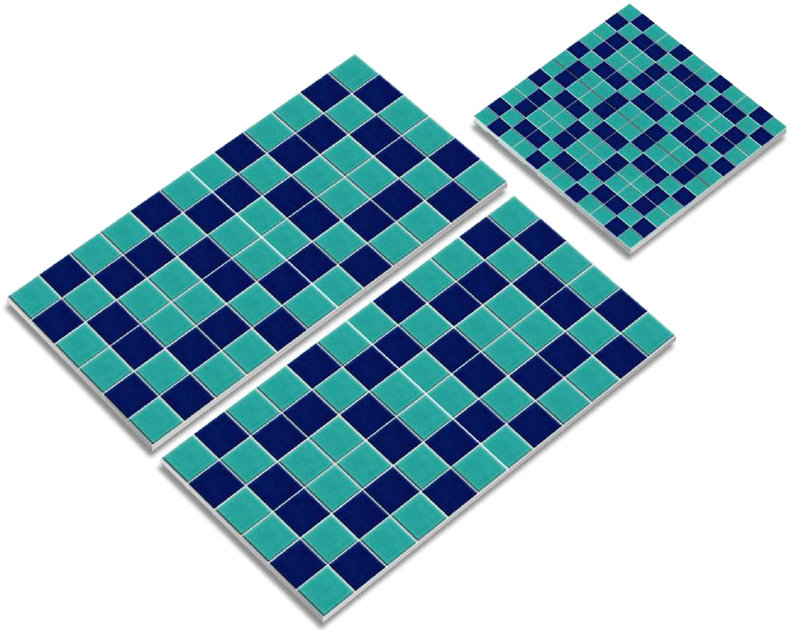


Pattern Codes

M. Blue D. Blue L. Green

G

Emerald Coast





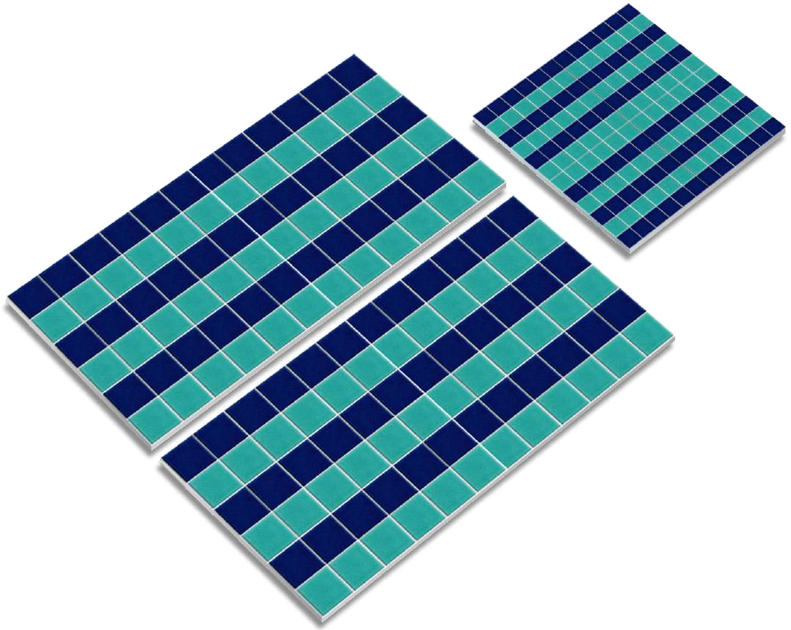
Pattern Codes

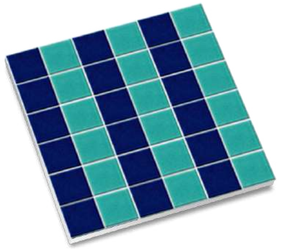
L. Green

SD. Blue

G

Infinity Edge





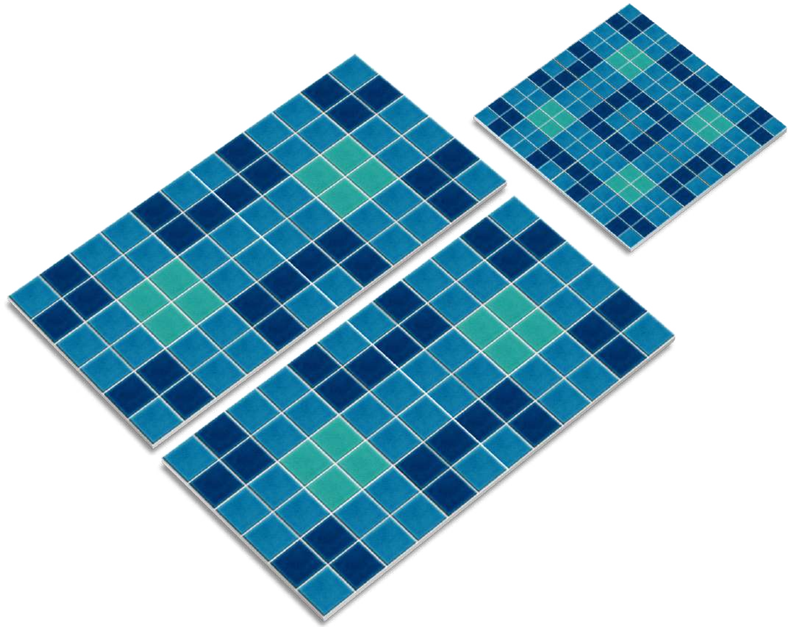
Pattern Codes

L. Green

SD. Blue

G

Caribbean Green



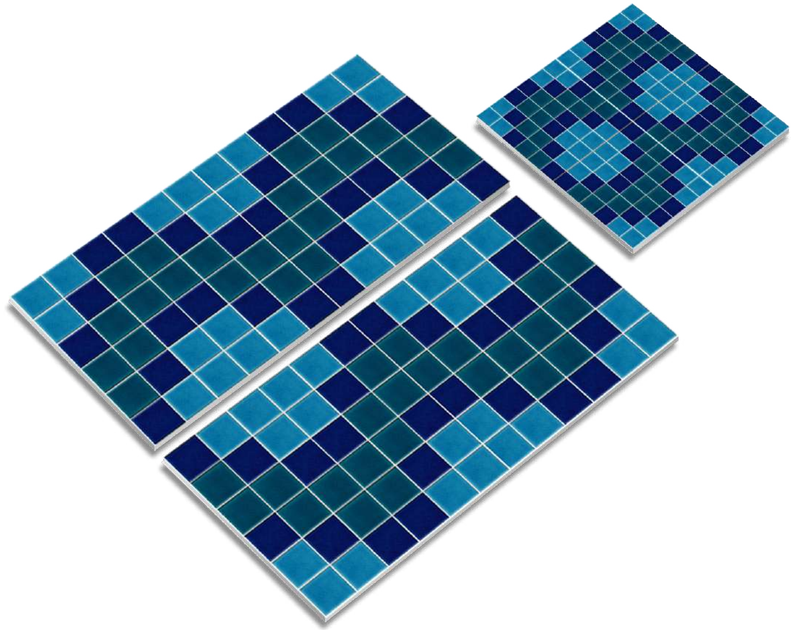


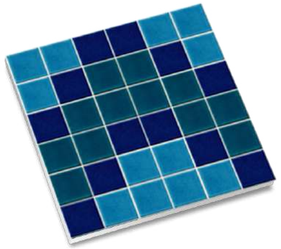
Pattern Codes

M. Blue | D. Blue | L. Green

G

Blue Wave



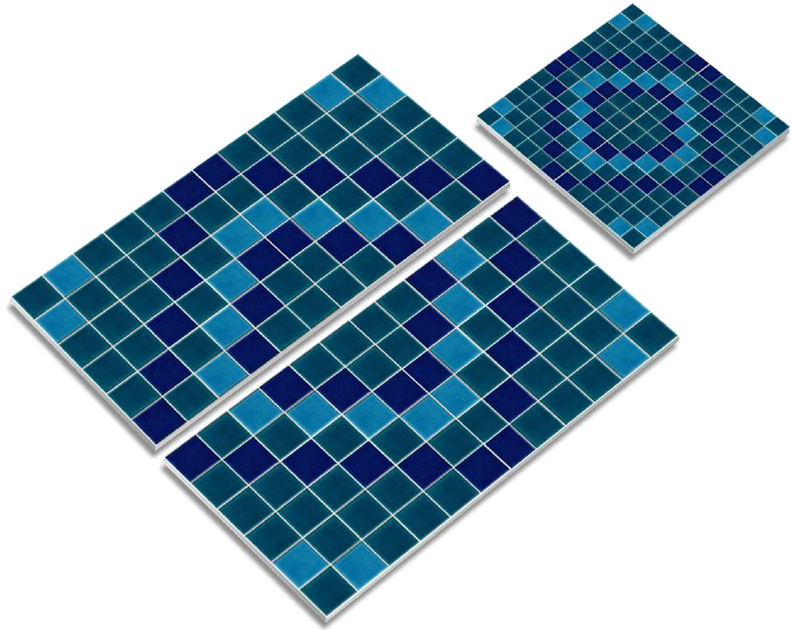


Pattern Codes

M. Blue | D. Green | SD. Blue

G

Aquatic Escape





Pattern Codes

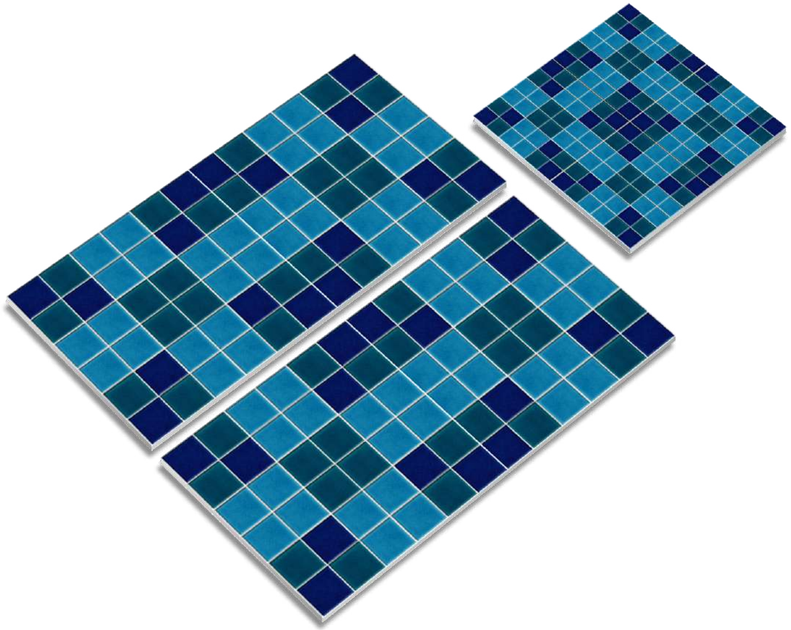
D. Green

M. Blue

SD. Blue

G

Oasis Blue





Pattern Codes

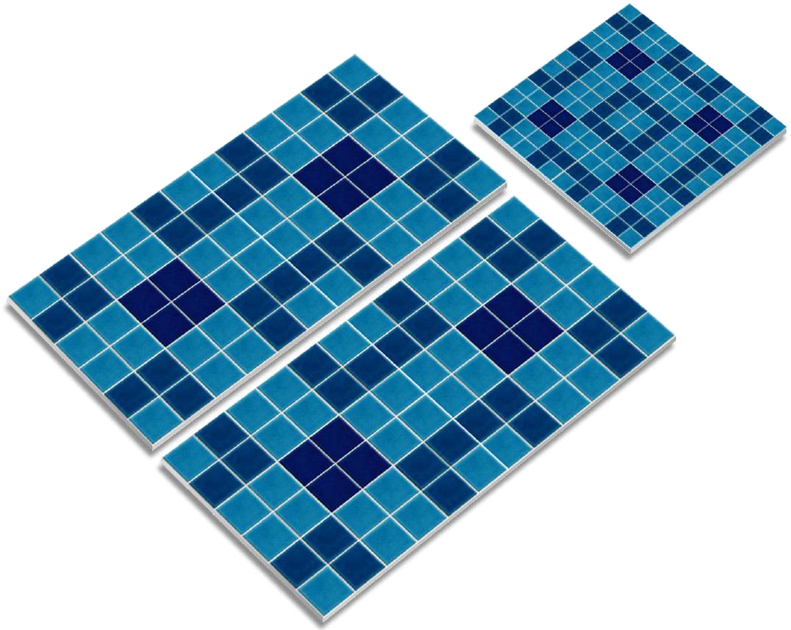
M. Blue

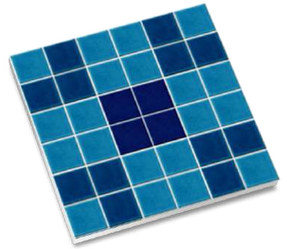
D. Green

SD. Blue

G

Caribbean Blue



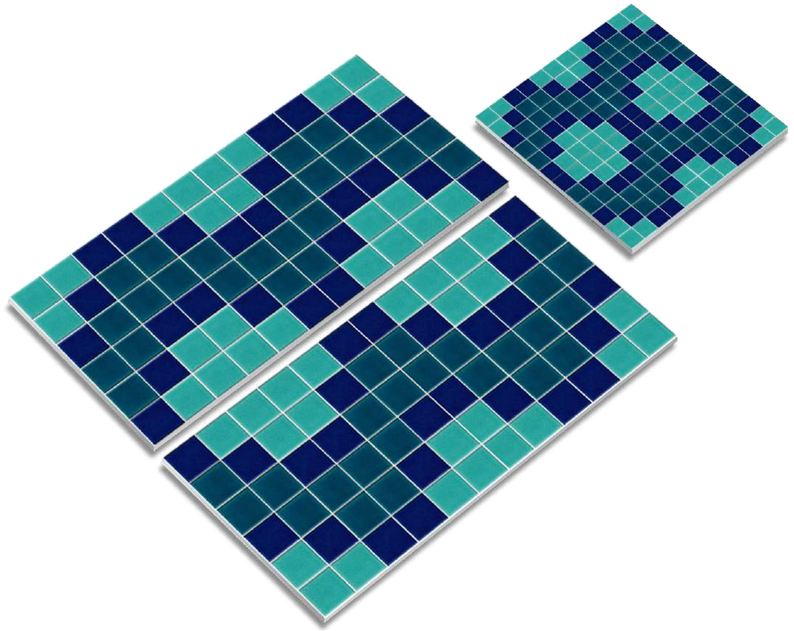


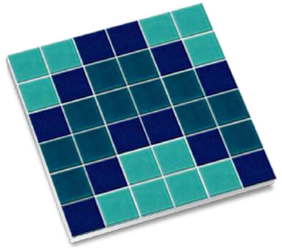
Pattern Codes

M. Blue D. Blue SD. Blue

G

Sunset Springs



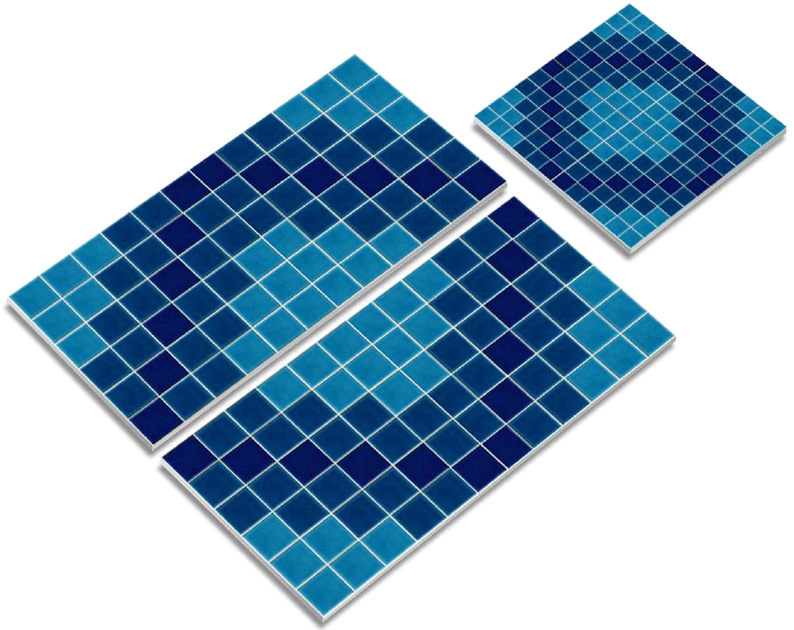


Pattern Codes

D. Green L. Green SD. Blue

G

Island Breeze

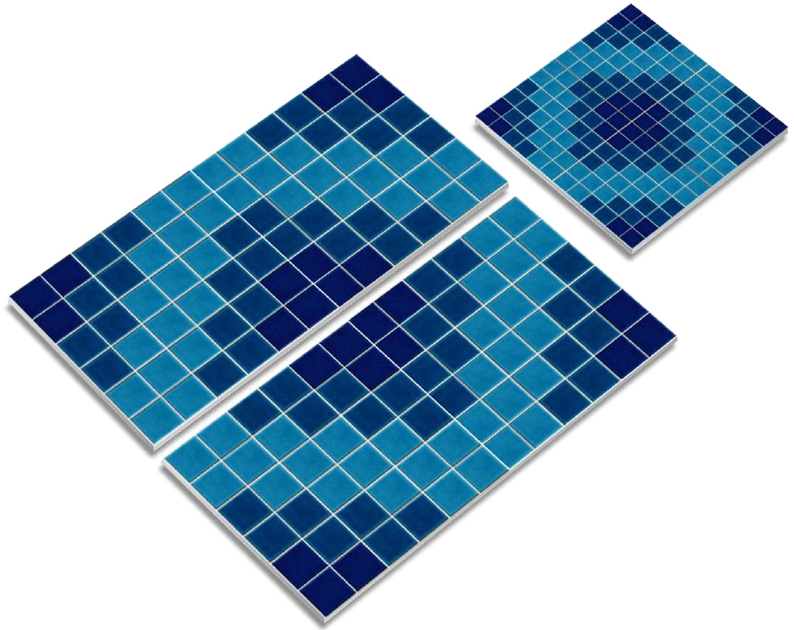




Pattern Codes

D. Blue | M. Blue | SD. Blue

Bahamas Blue

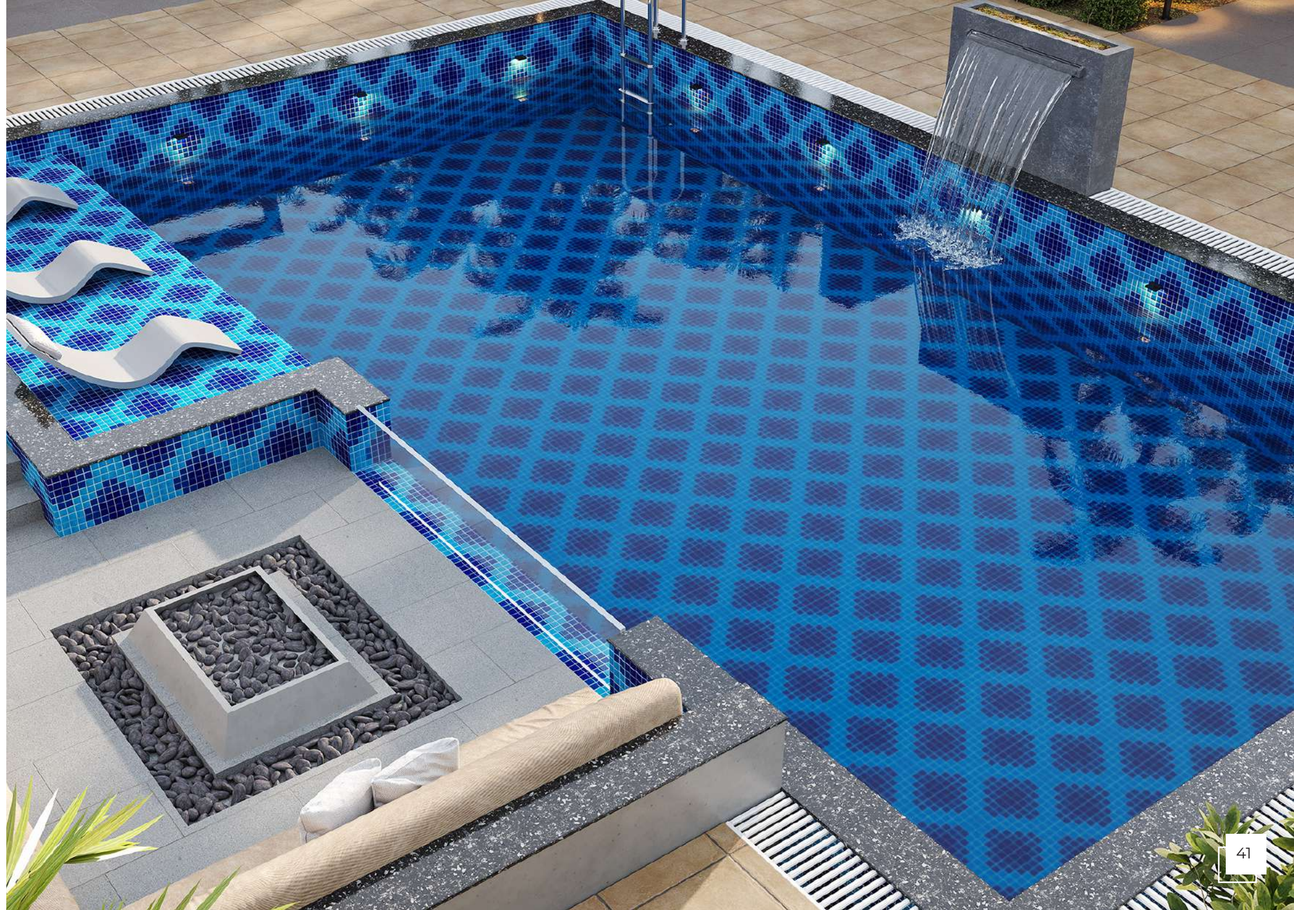




Pattern Codes

D. Blue M. Blue SD. Blue

G

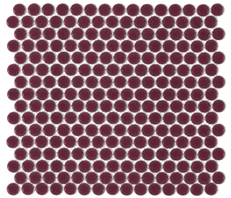




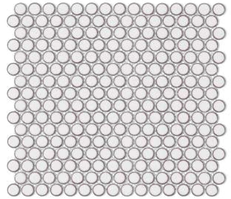
Penny Circle 19

Skirted Collection *(19 mm)*

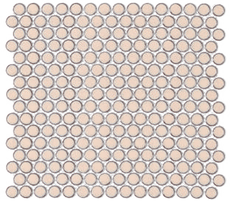
Lavender



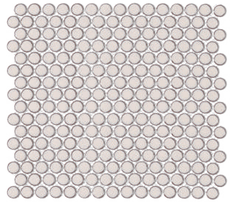
Opaline



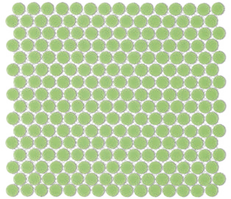
Tapioca



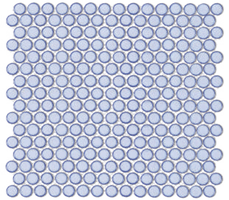
Willow



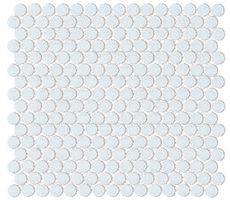
Vert



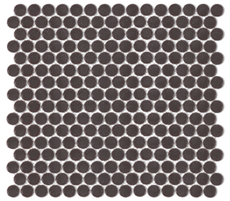
Cerulean



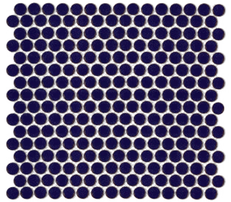
Cloudy



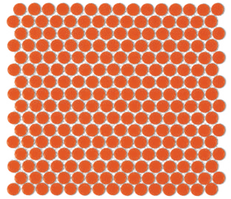
Cinder



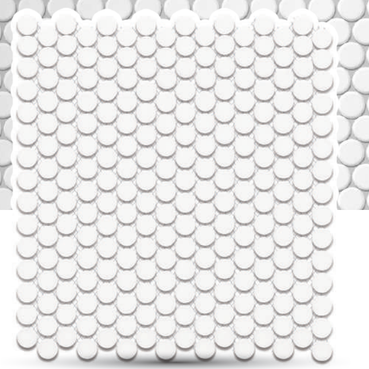
Indigo



Coral



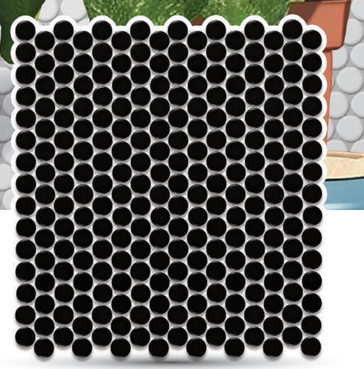
Solid Collection *(19 mm)*



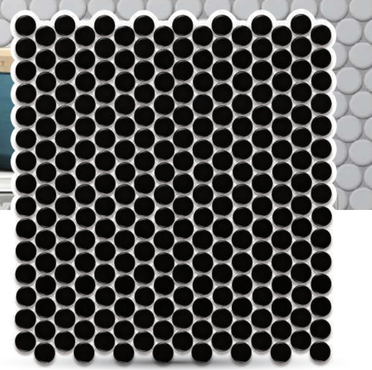
White **G**



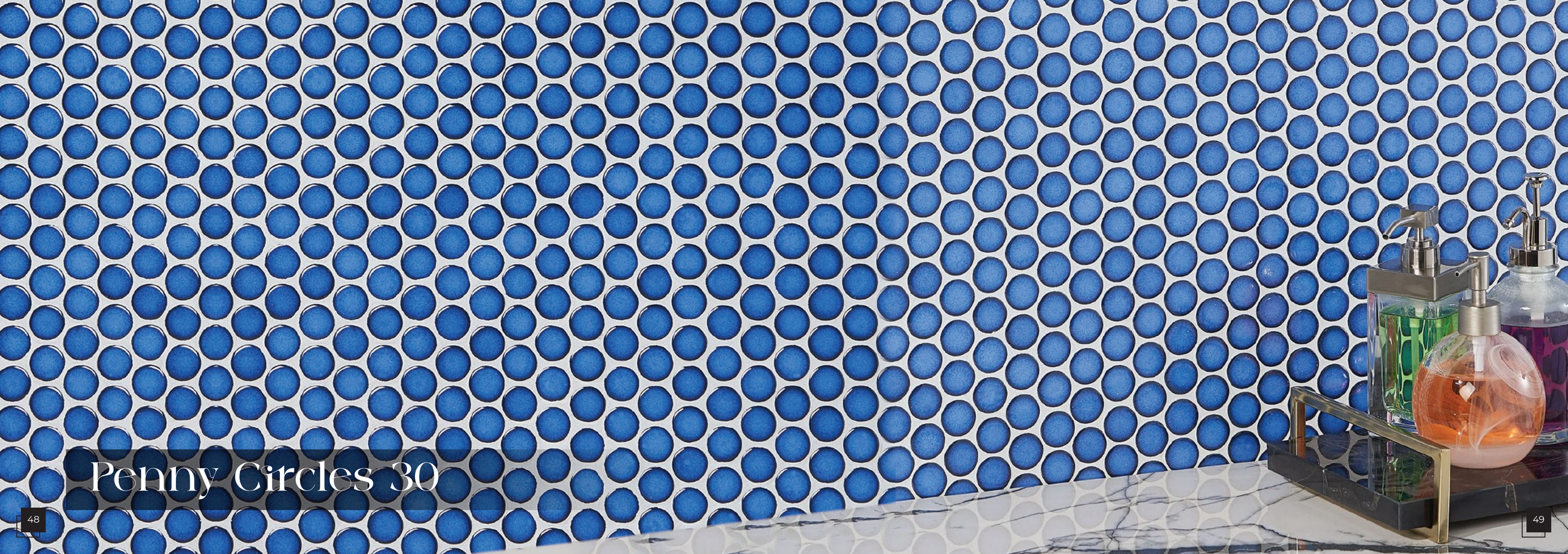
White **M**



Black **G**



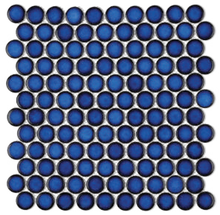
Black **M**



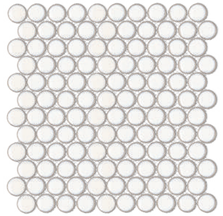
Penny Circles 30

Skirted Collection *(30 mm)*

Midnight Blue

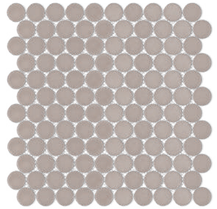


Vanilla White

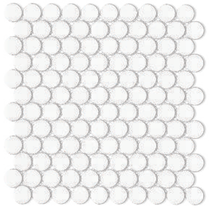


Solid Collection *(30 mm)*

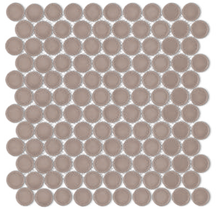
Gris



White



Firma

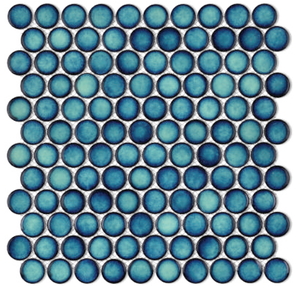


G

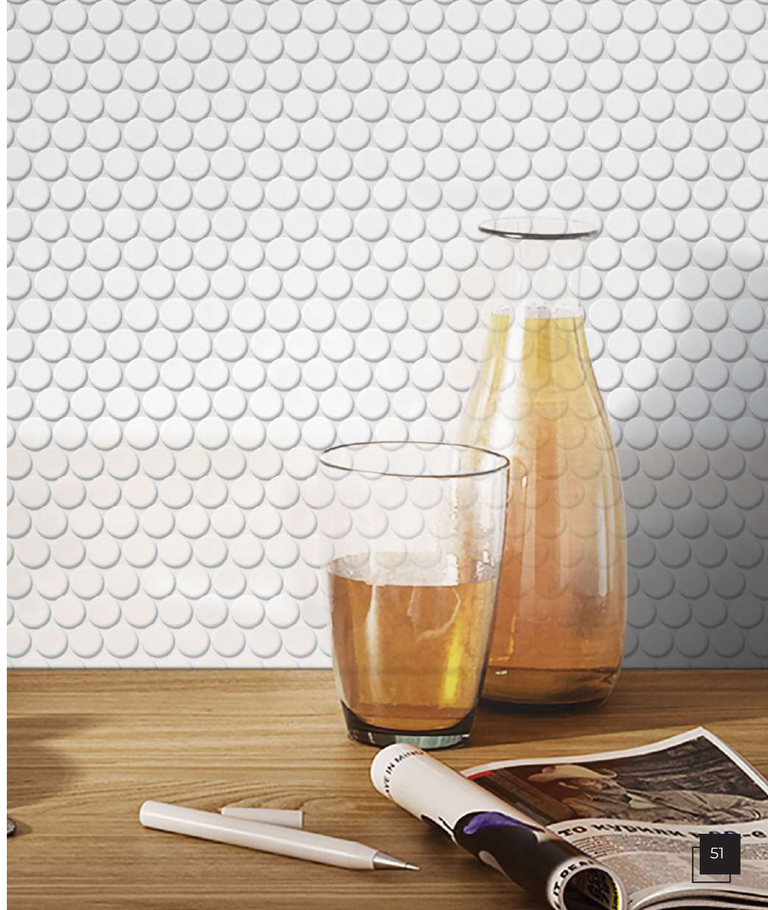
FUSION Collection

(30 mm)

Turquoise



G



Penny Circles 48

Solid Collection *(48 mm)*

Black



M

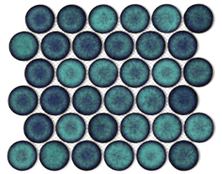
White



M

FUSION *(48 mm)*

Turquoise

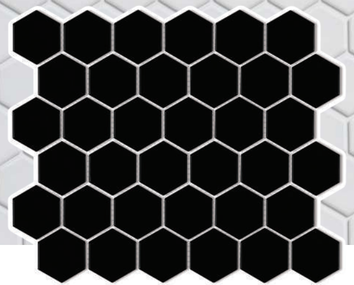


G

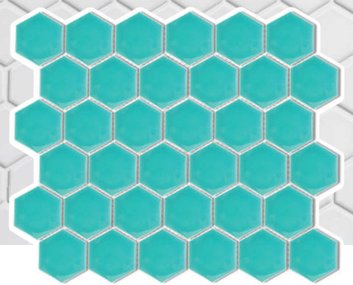
Honeycomb 51X59



White M

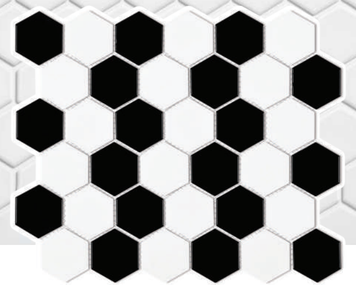


Black M



Green G

Solid Collection *(51x59 mm)*



White & Black M

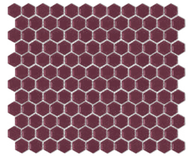
Blend Collection *(51x59 mm)*



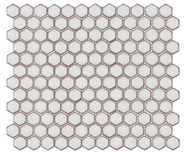
Honeycomb 23X25

Skirted Collection *(23x25 mm)*

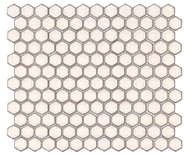
Lavender



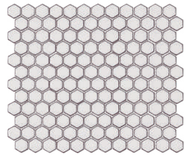
Opaline



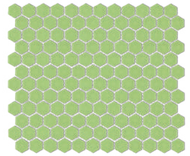
Tapioca



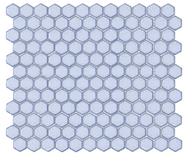
Willow



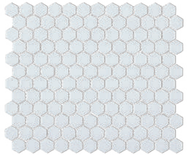
Vert



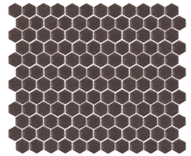
Cerulean



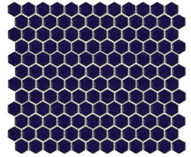
Cloudy



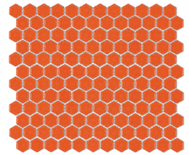
Cinder



Indigo

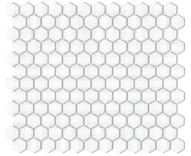


Coral



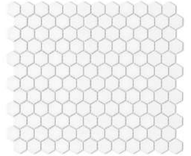
Solid Collection *(23x25 mm)*

White



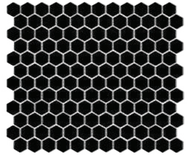
G

White



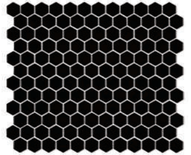
M

Black



G

Black



M



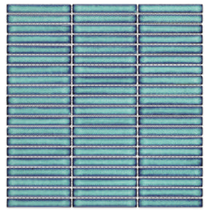
G



Stackbone

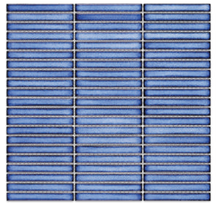
Fusion Collection *(12x93 mm)*

Turquoise



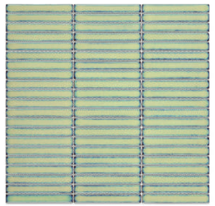
G

Midnight Blue



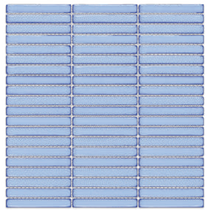
G

Green



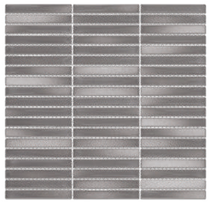
G

Azure blue



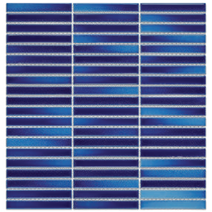
G

Grey



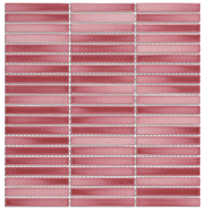
G

Blue



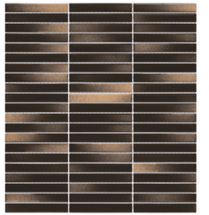
G

Pink



G

Brown



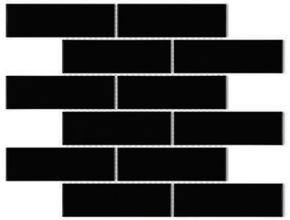
M



Brickbone

Solid Collection

Black



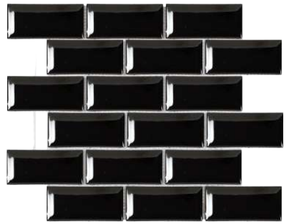
(45x145 mm) M

White



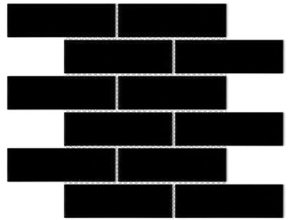
(45x145 mm) M

Black Bevelled



(45x95 mm) G

Black



(45x145 mm) G

White



(45x145 mm) G

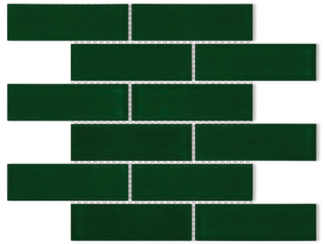
White Bevelled



(45x95 mm) G

FUSION Collection

Green



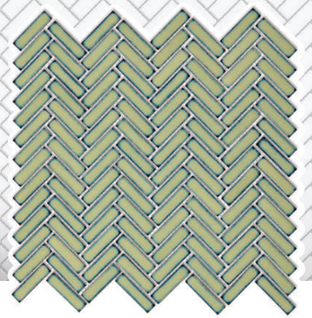
(45x145 mm) G



Herringbone



Turquoise G

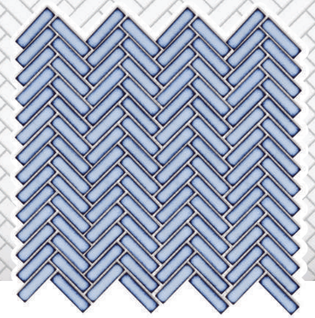


Green G



Midnight Blue G

Fusion Collection *(12x48 mm)*



Sky Blue G



Vanilla White G

Fusion Collection *(12x48 mm)*



Lantern

Green **G**

Fusion Collection *(42X75 mm)*



Octa-dot

White & Black **M**

Solid Collection *(23X23/55X55 mm)*

Elongated Honeycomb

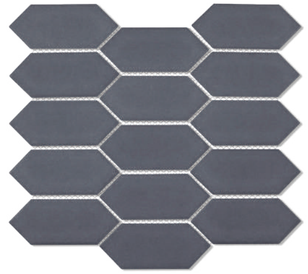
Solid Collection *(48x117 mm)*

Lt. Grey



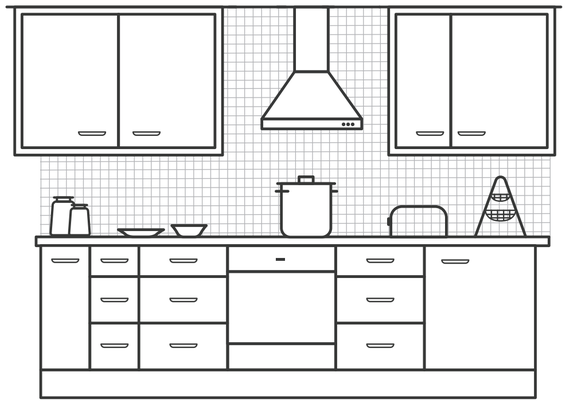
M

D. Grey

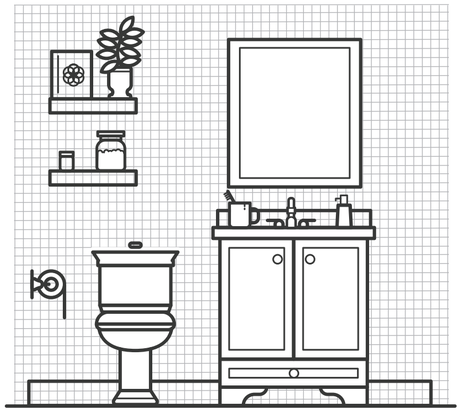


M

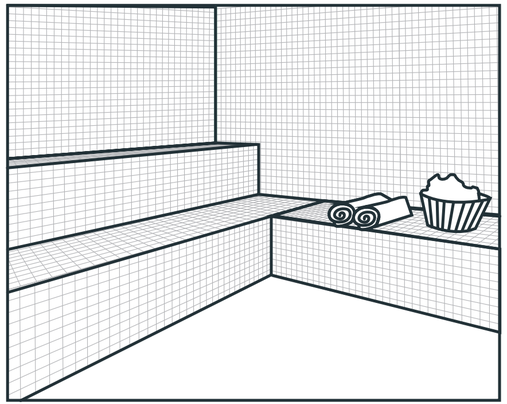
Other Application Areas



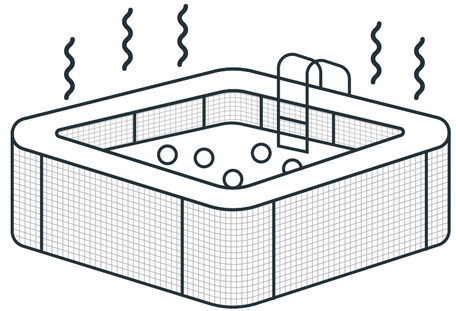
Kitchen



Bathroom

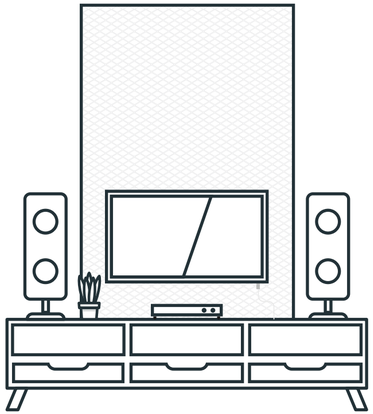


Steam & Sauna Room

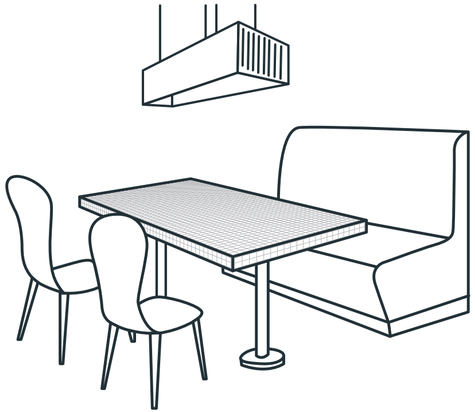


Jacuzzi

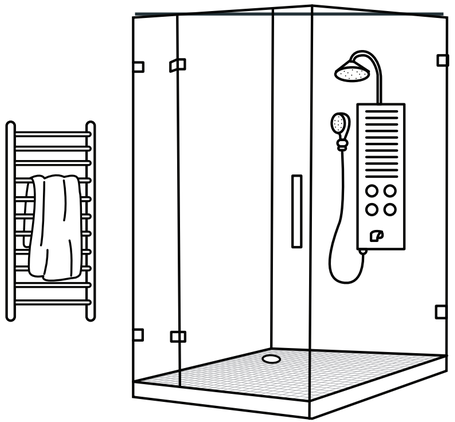
Other Application Areas



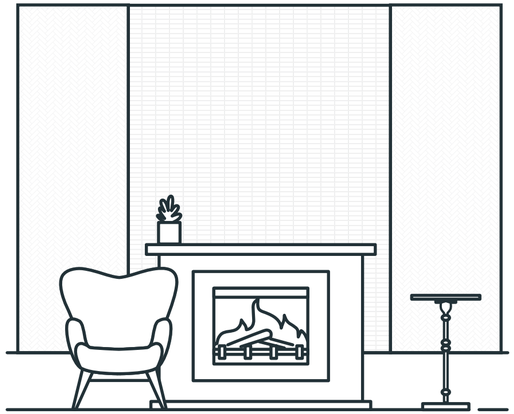
TV Unit Wall



Restaurant Table

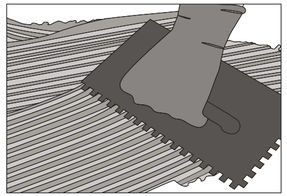


Bathroom Floor



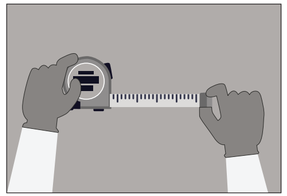
Fireplace Wall

Mosaic Installation Process



1. Skimming

- The installation surface must be smooth and clean to ensure proper installation.
- It may be necessary to lay a thin layer of setting material on the surface to ensure that it is ready for the tile.
- Allow 12 hours to dry if layer of setting material is needed.



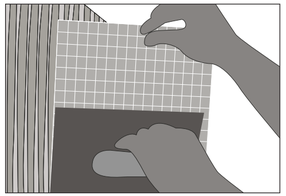
2. Guide Lines

- Measure the space in which the mosaic is being installed to determine the best fit for your tile.
- Use a straight edge and level to help you align the tile as you work.



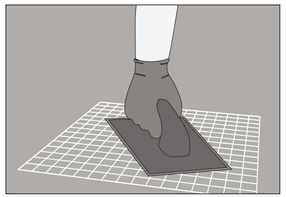
3. Applying Setting Material

- Mix setting material.
- First coat: apply setting material with the smooth edge of a trowel to a section no larger than one section of the grid.
- Second coat: create even ridges in the setting material by “combing” the material with the notched edge of the trowel.



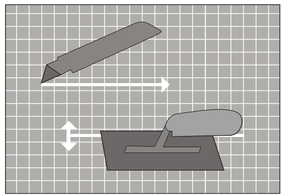
4. Installing the Tile

- Apply the backside of each sheet with the setting material.
- Using a float tool, tap across the surface to adhere the mosaic securely into the setting material.



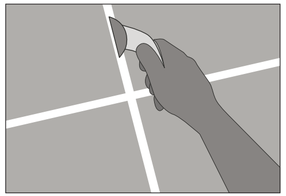
5. Securing Mosaic Sheets

- It is important to create a secure bond between the tiles and the setting material.
- Using the float tool tap across the surface to adhere the mosaic securely.
- This also ensures the final exposed plane of the mosaic is consistent and uniform in height.



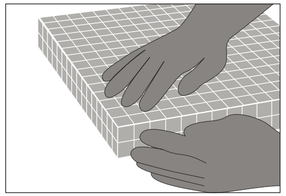
6. Adjusting Spacing

- This can be a time consuming process, but is important to ensure a professional installation.
- Adjust while material is still wet.
- Adjust any tiles that are uneven and ensure that all gaps are of equal width and height. Do this by cutting through the clear tape and moving tiles with a small trowel.



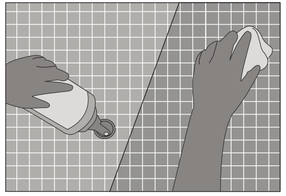
7. Grouting

- Grout can be applied to a clean, dry surface. (See Step 8 “Expansion Joints”)
- Before applying grout be sure that the mosaic surface is clean.
- Thorough cleaning may involve removing excess setting material from the mosaic’s joint with a knife, as well as cleaning off all dust and particles.
- Spread grout from the bottom up in a diagonal direction using a small trowel.
- Squeegee in the opposite direction.



8. Expansion Joints

- Expansion joints should be installed at all “changes in plane” of the mosaic and where the mosaic meets an adjoining surface, such as in a corner.



9. Cleaning & Sealing

- The mosaic should be ready to be cleaned about 30-60 minutes after grouting.
- Use a sponge and clean water and scrub in a circular motion, removing excess grout and smoothing all joints. Continue to wipe down the tiles until clean.
- Seal the grout after 72 hours of application.

NITCO

Technical Specifications Glazed Press Porcelain Mosaic *(per pixel)*

Sr.No.	Test Description	Euro Standard	NITCO's Value
1	Dimension & Surface Quality	+ 0.5%	+ 0.2%
2	Deviation in Thickness	± 0.6%	+ 0.2%
3	Straightness of sides	+ 0.3%	+ 0.2%
4	Rectangularity	+ 0.5%	+ 0.3%
5	Sace flatnessurf	Min.95%	Min.96%
6	Water Absorption	< 0.5 %	+ 0.35%
7	Bend Strength	> 150 Kg/cm	> 200-250 Kg/cm
8	Scratch Hardness (Moh’s)	Min.3%	Min.3%
10	Staining Resistance	Min.. Class 2	Class 5
11	Household Chemical	Min.. Class B	Household Chemical Except Hydro Fluoric Acid & its Derivatives
12	Thermal Shock	Resistant to 10 Cycle	Resistant
13	Thermal Expansion	Max. -9E ^{06}	<9 x 10^{-6}

The reproduction of tiles in this catalogue is restricted to four colour printing only and tiles are not relative in sizes. Conforming to ISO requirements, technical specifications of NITCO tiles are applicable only for first grade / first quality tiles. Please inspect all tiles prior to installation. Company will not entertain complaints once tiles are laid / fixed. Price category & PEI grade may change without any notice. Customers are advised to confirm it before placing order.

Finish

Glossy G

Area

Residential Area

Application

Wall Tiles

Floor Tiles

Technical Characteristics

Chemical Resistance

Fire Resistant

Frost Resistant

Stain Resistant

Packing Details

S.No.	Pattern	Sheet Dimensions	Sheet / Box	Sq Mtrs	Sq Feet	Weight / Box (KG)
1	Square (Swimming Pool) 48x48mm	303x303mm	20	1.84	19.76	23.00
2	Honeycomb 51x59mm	277x322mm	20	1.78	19.20	22.05
3	Penny Circle 19mm	294x313mm	20	1.84	19.81	19.25
4	Penny Circle 30mm	320x330mm	20	2.11	22.73	24.00
5	Penny Circle 48mm	265x300mm	20	1.59	17.11	22.00
6	Herringbone 12x48mm	275x282mm	15	1.16	12.49	21.25
7	Brickbone 45x145mm	285x295mm	20	1.68	18.08	22.00
8	Brickbone 45x95mm	285x295mm	15	1.67	17.98	21.20
9	Lantern 42x75mm	260x265mm	20	1.38	14.85	16.75
10	Elongated Hexagon 48x117mm	258x288mm	20	1.48	15.93	19.00
11	Octa Dot 23x23/55x55mm	295x295mm	20	1.74	18.73	21.75
12	Honeycomb 23x25mm	255x295mm	20	1.50	16.19	18.00
13	Stackbone 12x93mm	285x295mm	15	1.26	13.56	20.00

NITCO

TILES MARBLE MOSAICO

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