

Orbit

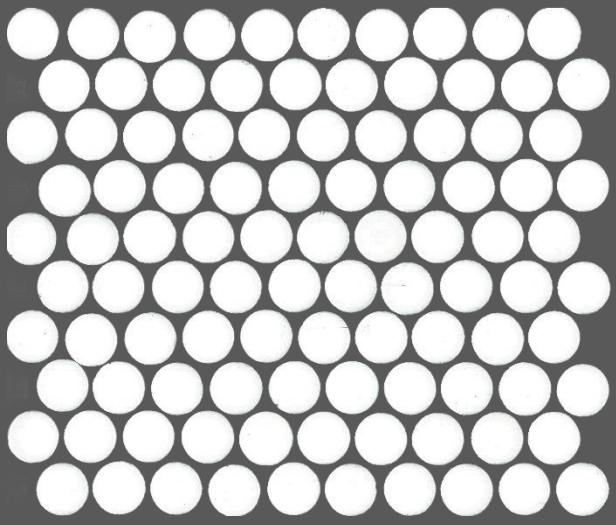
Beautiful and refined, the Orbit series of 20mm penny rounds has exceptional colour blends that will enliven your space.



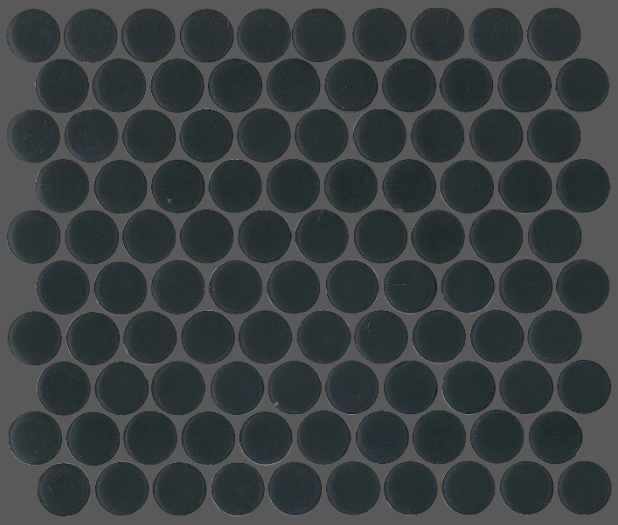
Orbit

20mm Penny Round

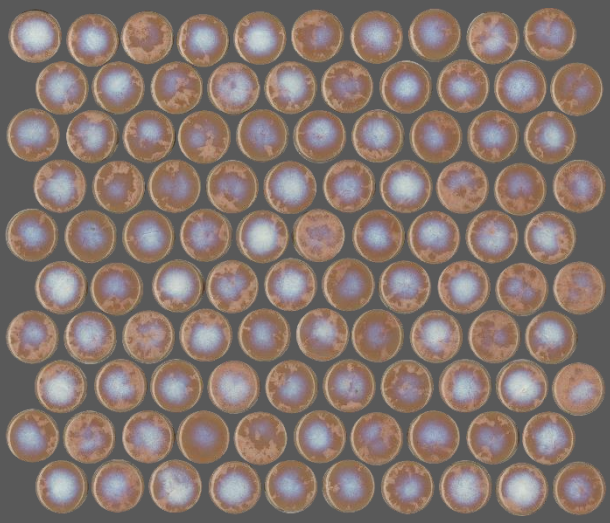
GNS CERAMICS
EXCLUSIVELY WHOLESALE



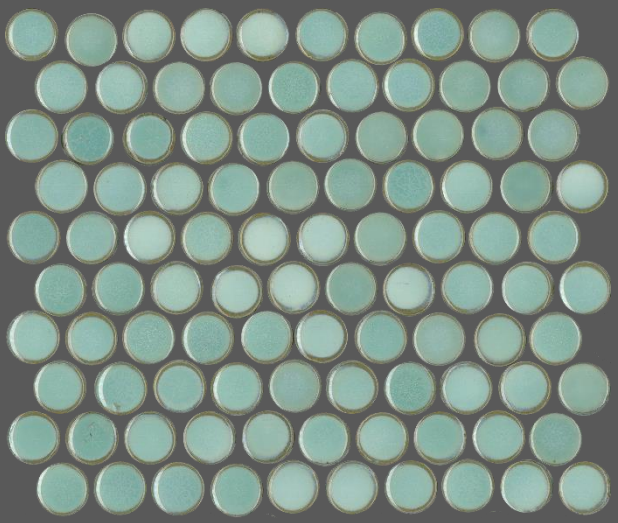
White



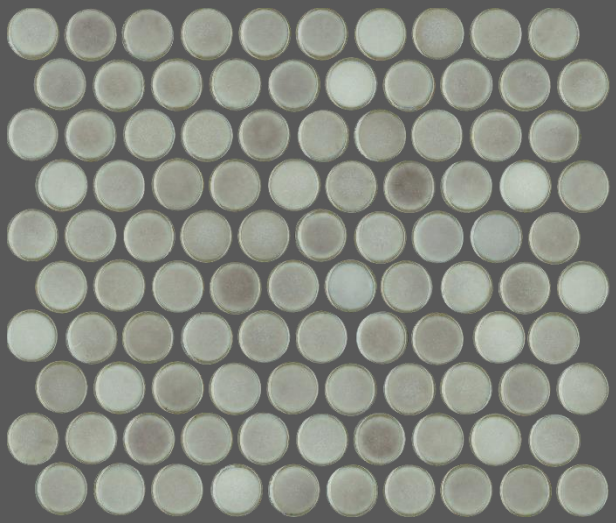
Black



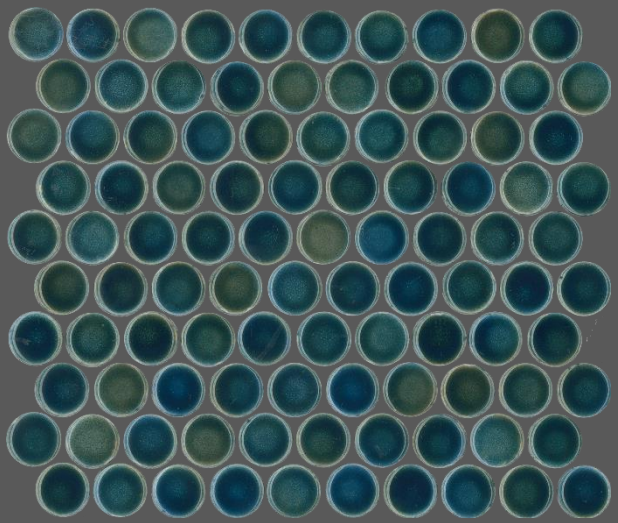
Coral



Mint



Tea



Marine

Glazed Porcelain

Cushioned Edge

Gloss Finish

Satin Finish

Black & White

Floor Cat. 1

Suitable For Swimming Pools

GNS CERAMICS
EXCLUSIVELY WHOLESALE

SWIMMING POOL MOSAIC TILES INSTALLATION

GNS Ceramics' swimming pool mosaics are not suitable for use in areas that are affected by abrasion, excessive vibration and movement, impact, thermal and mechanical shock. We do not recommend tiling on a fibreglass substrate.

It should be noted that tiles are only one component of a much larger building system. It is our experience that the failure of any tiling system is very often the result of a combination of factors. For example; inappropriate design, type of substrate, surface preparation, the temperature during installation, adhesives, incompatibility of products, product failure, environmental factors, skill and knowledge of the installers, etc; the latter being supplied or controlled by a variety of manufacturers and tradesmen. GNS Ceramics has no involvement in the design, selling and installation processes and once goods have been dispatched from our warehouse we have no control over where and how these products are used. As a result, the project manager, and or the tiler are the only people in a position to ensure that all the components used in a project are compatible and that the product is installed in accordance with the Australian Building Code and the Australian Standards.

We recommend:

1. Licensed contractors experienced in the laying of mosaic tiles carry out all work. Installation shall be in accordance with the Australian Building Code and AS3958 part 1 and 2 "Guide to the installation of ceramic tiles" and "Guide to the selection of a ceramic tiling system" respectively.
2. Our mosaic tiles are fixed utilizing
    a. the floating method of installation
    b. either a combined epoxy grout and adhesive, or
    c. a thick bed combined latex fortified cementitious grout and adhesive.
3. The grout and adhesives used be chemically resistant and suitable for use externally in full immersion with none or low porous materials.
4. All mosaics are stored in a clean dry space. Do not allow the tiles to get wet or damp prior to installation.
5. That translucent glass mosaics are installed using grout and adhesives of the same colour. The use of contrasting or different colours may result in the consumer's expectations not being met. We also recommend that adhesives be applied with a view to removing voids as these may be visible through the glass.

Cutting Glass Tiles

If the tile layout requires partial sheets, simply score the mounting sheet holding the tiles together with a utilty knife as needed. If you need to cut the tiles themselves, use specialized glass mosaic tile cutters as other cutters may shatter the small tiles.

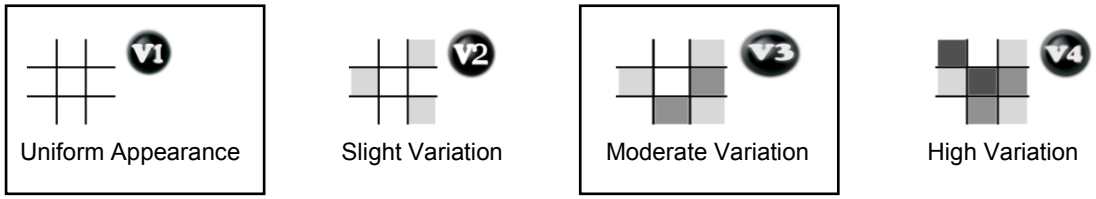
1. Use a carbide glass scoring tool, scoring along the line on the flat surface of the mosaic.
2. Use nippers t to break off the glass from the scored line.
3. Grind the sharp edge with a 100mm grinder, used for grinding glass/mirrors.

Cleaning and Maintenance

- Do not use abrasive cleaners and chemicals, which could permanently scratch and damage the surface of the tile. For daily cleaning, we recommend the use of a mild detergent. Should a more vigorous cleaning program be required we recommend the use of a proprietary tile cleaner from a specialty tile supplier.

Colour and Pattern Variation Guide

Variations in shade are inherent in all kiln-fired products and are one of the natural characteristics of kiln-fired products. Industry uses a colour variation guide that rates all tiles on a four-point scale that ranges from V0 through V4.



PT Kuda Laut Mas

MOSAIC TILE MANUFACTURER

Factory & Office : Jl. Raya Buduran, Sidoarjo - Jawa Timur, Indonesia
Telephone : (62-31) 8940750 (hunting)
Fax : (62-31) 8926239
E-mail : kudalautmas@gmail.com

SPESIFIKASI PRODUK KERAMIK MOSAIK MASS
(PRODUCT SPECIFICATION OF MASS MOSAIC CERAMIC)

JENIS TEST (*TEST DESCRIPTION*)		EN EUROPEAN NORMALIZATION	ANSI	TEST METHOD	REQUIREMENT OF ISO 13006 : 2003	MASS MOSAIC TILES
TOLERANSI DAN UKURAN *LENGTH AND WIDTH TOLERANCE*		+ 0.5 % - 0.5 %	+ 1 % - 1 %	ISO 10545 - 2	Max. ± 0.75 %	+ 0.5 % - 0.5 %
TOLERANSI SIKU *WEDGING TOLERANCE / RECTANGULARITY*		+ 0.5 % - 0.5 %	+ 1 % - 1 %	ISO 10545 - 2	Max. ± 1.0 %	+ 0.5 % - 0.5 %
KETEBALAN *THICKNESS*		+ 5 % - 5 %	+ 5 % - 5 %	ISO 10545 - 2	Max. ± 10 %	+ 5 % - 5 %
KEDATARAN PERMUKAAN *SURFACE FLATNESS*		+ 0.5 % - 0.5 %	+ 0.75 % - 0.75 %	ISO 10545 - 2	Max. ± 1.0 %	+ 0.5 % - 0.5 %
DAYA SERAP AIR *WATER ABSORPTION*		Max. 0.5 %	<=1 %	ISO 10545 - 3	E ≤ 0.5%	Max ≤ 0.5 % (0.06 to 0.3%)
KUAT LENTUR *BENDING STRENGTH*		> 225 kgf/cm² 22.5 N/mm²	>= 175 kgf/cm² 17.5 N/mm²		≥ 35 N/mm²	> 450 kgf/cm² 40 to 50 N/mm²
BREAKING STRENGTH				ISO 10545 - 4	Min. 700 N	> 750 N
KETAHANAN GESEKAN *ABRASION RESISTANCE*		*ACCORDING TO PRODUCER'S DATA*	*ACCORDING TO PRODUCER'S DATA*	ISO 10545 - 7	-	Class 3
KETAHANAN PERUBAHAN SUHU *RESISTANCE TO CHANGE OF TEMPERATURE*		*REQUESTED*	*GARANSI GUARANTEE*			*GARANSI GUARANTEE*
KETAHANAN ASAM DAN BASA *CHEMICAL RESISTANCE*		*ACCORDING TO PRODUCER'S DATA*	STABIL *STABLE*			STABIL *STABLE*
- Low concentration of acids and alkalis (Glazed Surface)				ISO 10545 - 13	Manufacturer to state classification	*Min. Class B*
- Household chemicals and swimming pool salts (Glazed Surface)				ISO 10545 - 13	Manufacturer to state classification	*Min. Class A*
KETAHANAN BEKU *FROST RESISTANCE*		*REQUESTED IF AGREED UPON*	*REQUESTED IF AGREED UPON*			*GARANSI GUARANTEE*
KEKERASAN GLASIR *SURFACE HARDNESS*		> 5 Mohs scale	> 5 Mohs scale			> 5 Mohs scale
KEKERASAN BAHAN *BODY HARDNESS*						= 7 Mohs
KESERAGAMAN PERMUKAAN *SURFACE UNIFORMITY*		*SHADE VARIATION INHERENT IN ALL CERAMIC TILE*	*SHADE VARIATION INHERENT IN ALL CERAMIC TILE*			*SHADE VARIATION INHERENT IN ALL CERAMIC TILE*
KETAHANAN RETAK *CRAZING RESISTANCE*				ISO 10545 - 11		*PASSED*
KETAHANAN WARNA *STAINING RESISTANCE*				ISO 10545 - 14		*PASSED*