

American Glass Mosaics glass mosaics are manufactured by casting molten glass at 2500°F, mixed with mineral oxide colorants into molds. The raw materials are entirely recycled high quality glass, primarily waste and scrap glass from the automotive industry as well as recycled glass from CRT's and glass containers from the food and pharmaceutical industries. As part of the manufacturing process all mosaics are fully annealed to enhance durability.

American Glass Mosaics strives to achieve the highest possible level of environmental stewardship in our manufacturing processes. No pigments containing lead, cadmium or other heavy metals are used in manufacturing our products. No particulate waste is emitted, internal scrap is recycled into new mosaics and process cooling water is reused in a closed loop system.

These glass mosaics are extremely durable and well suited for all wall tile applications, both interior & exterior, and many floor tile applications without risk of deterioration or fading. Our glass mosaics are suitable for use as wall tiles for all interior, exterior and wet area installations (including pools, water features and steam rooms/showers).

Our glass tiles are unaffected by exposure to freezing conditions, including while immersed. For exterior applications additional care should be taken to select the appropriate installation materials and methods;

- can be used as residential or light commercial floor tiles both interior and exterior – or as decorative inserts in any floor installation
- Pool usage: all of our glass mosaics are suitable for use in areas of continuous immersion.

Our glass mosaics are custom made for your order at our factory in Spring Lake MI. Production lead times are typically 2 to 3 weeks for orders of standard glass tiles and 4 weeks for custom mosaics and assemblies.

All mosaics and assemblies are available as blends of customer specified colors.

Manufacturing Standard:

Our glass mosaics are made to meet or exceed the requirements of ANSI A137.2 American National

Standard Specifications for Glass Tile.

- Chemical Resistance ASTM C650-04; No Effects Class A
- Thermal Shock Resistance ANSI A137.2-7.9; No Defects – Pass
- Breaking Strength ASTM C648; Passes
- Water Absorption ASTM C373; Impervious
- Craze Resistance ASTM C424; Passes
- Facial Dimensions/Thickness ASTM C499; Passes
- Warpage ASTM C485-09; Passes
- Freeze/Thaw ASTM C1026-13; Passes
- Slip Resistance DCOF Acutest; .33 -.50.

Aesthetic Classification:

Our glass tiles are designated as; V2 Slight Variation – clearly distinguishable differences in texture and/or pattern may exist within similar colors.

Recycled Content:

Our glass tiles are made using high quality glass that is 100% recycled. The majority of the glass comes from post-industrial sources, a significant amount of post-consumer glass is consumed enabling Our glass tiles to meet the requirements of A137.2 Category 3.

Installation:

Installation instructions are provided with every box of glass mosaics. All tile installers should be familiar with the installation methods shown in The Tile Council of North America's Handbook for Ceramic, Glass, and Stone Tile Installation.

For detailed instructions related to specific installations contact your installation materials manufacturer for their most up-to-date recommendation of an installation system.

Gradation Blends;

Custom gradation blends are offered in all sizes and layouts. Blends can include colors, finishes and textures. Dimensions of the finished installation should be provided when requesting a gradation blend.

Sizes:

Our glass mosaics are offered in 4 standard nominal sizes;

- 1" x 1" - actual size; 25mm x 25mm x 6mm
- 1" x 2" - actual size; 25mm x 52mm x 6mm
- 1" x 4" - actual size; 25mm x 106mm x 6mm
- 1 1/2" hexagon – actual dimensions; point to point 40mm, face to face 36mm, length of face 21mm

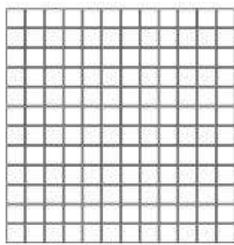
Mounting:

Glass mosaics are provided as face-mounted sheets. The default mounting is paper-faced, clear plastic face-mounting is also available. All mosaics are mounted with a 2mm grout joint.

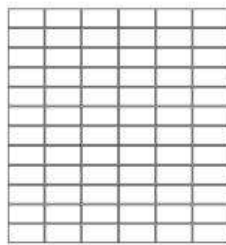
Other customized layouts may be available.

For any other technical information contact us at 231.375.8037 or info@amosaic.com.

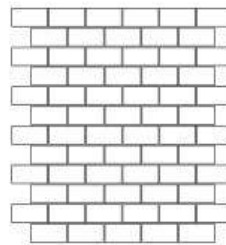
Standard Mosaic Layouts



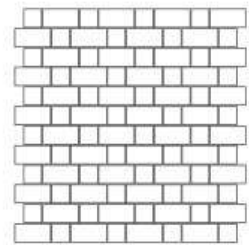
1" x 1" (25 x 25 mm)



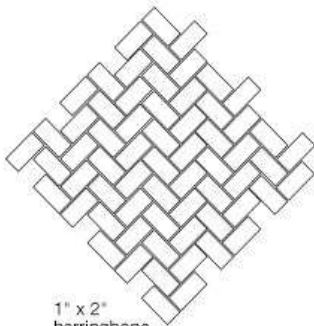
1" x 2" (25 x 52 mm)
stacked bond



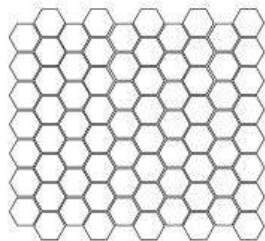
1" x 2" (25 x 52 mm)
running bond



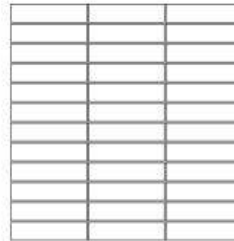
1" x 1" & 1" x 2"
morse



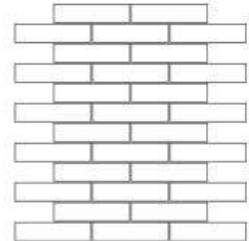
1" x 2"
herringbone



1.5" (38 mm) hexagon
stacked bond



1" x 4" (25 x 106 mm)
stacked bond



1" x 4" (25 x 106 mm)
running bond

Standard Finishes



01 Clear



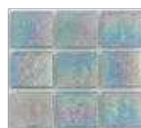
02 Iridescent



05 Aventurina



21 Sand



22 Sand Iridescent



08 Beach