

American Glass Mosaics glass mosaics are manufactured by casting molten glass at 2,500°F, mixed with mineral oxide colorants into molds. The raw materials that we use are 100% recycled, high quality glass. The recycled glass we use is primarily waste and scrap from the automotive industry. Additionally, we source CRT's and glass from the food and pharmaceutical industries. All mosaics are carefully annealed to enhance performance and 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 the manufacturing of 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.

Our glass mosaics are extremely durable and well suited for all interior/exterior wall and light duty floor tile applications without risk of deterioration or fading. Additionally, our glass mosaics are suitable for use as:

- wall tiles for all interior, exterior installations.
- 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 or intermittent immersion. (including water features and steam rooms/showers).

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

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, standard for glass tile.

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 - .54, TCNA testing reported a .49 DCOF using 60% beach finish in combination with our standard glass surpassing the .42 DCOF standard for commercial pools.

Aesthetic Classification:

Most of our glass tiles are designated as; V2 Slight Variation – clearly distinguishable differences in texture and/or pattern may exist within similar colors. Only Arcadia is designated as V3, moderate variation.

Recycled Content:

Our glass tiles are made using high quality glass that is 100% recycled, typically 70% post industrial and 30% post consumer recycled content. 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 order 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 a variety of sizes and patterns. Blends can include different sizes, colors, finishes and patterns. Dimensions of the finished installation should be provided when requesting a gradation blend.



Sizes:

Our glass mosaics are offered in 4 standard nominal sizes;

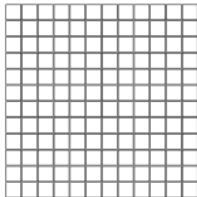
- 1" x 1" - actual size; 25mm x 25mm x 6mm
- 1" x 2" - actual size; 25mm x 52mm x 6mm
- 1" x 4" - actual size; 25mm x 106mm x 6mm
- 1 1/2" hexagon – actual dimensions; point to point 40mm, face to face 36mm, length of face 21mm

Mounting:

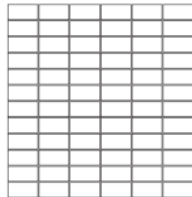
Glass mosaics are provided as face-mounted sheets. The default mounting is paper-faced, clear plastic face-mounting is also available. All mosaics are mounted with a 2mm grout joint.

Other customized layouts may be available. For any other technical information contact us at 231.375.8037 or info@amosaic.com.

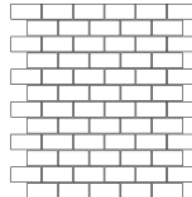
Available Sizes & Patterns for Huron, Superior*, Splash and Arcadia



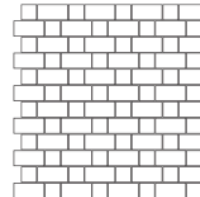
1" x 1" (25 x 25mm)
1.13 sq. ft./sheet



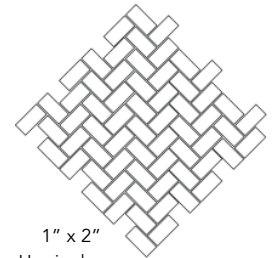
1" x 2" (25 x 52mm)
Stacked Bond
1.13 sq. ft./sheet



1" x 2" (25 x 52mm)
Running Bond
1.04 sq. ft./sheet



1" x 1" & 1" x 2"
Morse
1.13 sq. ft./sheet

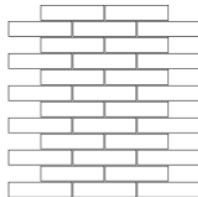


1" x 2"
Herringbone
0.88 sq. ft./sheet

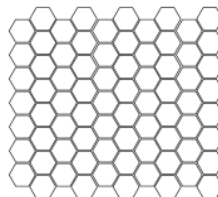
*Additional Sizes and Patterns for Superior ONLY



1" x 4" (25 x 106mm)
Stacked Bond
1.13 sq. ft./sheet



1" x 4" (25 x 106mm)
Running Bond
0.94 sq. ft./sheet



1.6" (42mm) Hex
0.99 sq. ft./sheet

Special Order

1" x 4" and Hexagon are available by special order for Huron, Splash and Arcadia Collections. 500 SF minimum per single color SKU.

Standard Finishes

