

MORTARLESS GLASS BRICK GRID SYSTEM

Create Something Sensational.

The GBA Mortarless Glass Brick Grid modernizes glass brick construction by eliminating mortar and unlocking a cleaner, more architectural expression. Using a steel grid and structural silicone, glass bricks are installed face out for a contemporary aesthetic. The result is a luminous glass brick wall that feels built for today's architecture.



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Designed to overcome the limitations of traditional glass brick construction, the GBA Mortarless Glass Brick Grid uses a steel cell-based framework and high-performance structural silicone in place of mortar joints. Each glass brick is within its own cell, creating a seamless, uninterrupted glass surface while maintaining structural performance. This system allows for unlimited wall spans and only requires access from one side during installation, making it ideal for double-wythe applications and backlit walls. Glass bricks can be installed on its side to expose 2-1/4" of glass as opposed to the traditional 4", a proportion preferred by architects for its lighter, less busy appearance.



Technical Information for Mortarless Grids

Performance	Improved flexibility under seismic movement
Grid Construction	Precision-fabricated Steel Grid Stainless Steel (for coastal applications)
Glass Brick Options	Vetropieno Rettangolare Vetropieno Americano Custom Sizes Available
Max Span	Unlimited spans
Installation	Single-side access required Structural Silicone Joints
Applications	Interior Glass Brick Feature Wall Backlit Architectural Walls Hospitality and Retail Statement Elements Illuminated columns and double-sythe assemblies Residential and Commercial Architectural Accents