

FAQ GUIDE

Everything you need to know about our breeze blocks



GENERAL

* All blocks to be installed as per standard installation requirements / standards for masonry products and installer absorbs all responsibility. We only recommend breeze block installation should be carried out by a qualified experienced brick/block layer.

* Breeze blocks are a non-structural construction material and strictly should not be climbed on or used for any load bearing structures. Any complex or large installations should be structurally engineered prior to installation by the installer/builder.

*It is strongly recommended blocks to be sealed after installation with an impregnating sealer (Chemforce) or painted to promote longevity and low maintenance.

BLOCK CALCULATIONS

* Calculate how many blocks you require by increments of block size (290mm x 290mm or 190mm x 190mm plus 10mm mortar vertical & horizontal joints). IE Increments of 300mm (BIGS) or 200mm (SMALLS) are ideal, as installations will be entire whole blocks (no cutting required). We do not recommend block designs to be cut and must be used whole.

INSTALL

Breeze blocks are relatively lightweight compared to solid concrete blocks, making them easier to handle and install.

Masonry reinforcement, also known as masonry mesh or masonry ladder, is often used when laying breeze blocks to increase the strength and stability of the wall.

Breeze blocks can be susceptible to cracking and breaking under certain conditions, such as exposure to high winds, seismic activity, or soil movement. Masonry reinforcement can help prevent these issues by providing additional support to the blocks.

Masonry reinforcement is typically made of steel wire or rebar and is placed between the courses of breeze blocks as the wall is built. It can also be used horizontally or vertically to provide additional reinforcement at specific points in the wall.

By using masonry reinforcement, the wall can better resist lateral forces and prevent cracking or damage to the blocks. This can improve the overall strength and durability of the wall, making it more resistant to damage over time.

For tying in of walls, we generally recommend using 12mm steel rods vertically and horizontally, brick tor, brick ties and any other relevant reinforcing. The Breeze Block Co is an authorised reseller of alligator ties & all masonry steel ladder, if you wish to add to your order.

We recommend using masonry (brick or block) columns / shs posts to secure any wall / screen longer than 3.0m.

We also recommend iron jointing (for the mortar joints) and using a dry sponge to remove any excess mortar. Any installation should always be built using the correct tools including spirit levels and string lines to ensure a plumb / level structure.

BENEFITS

Breeze blocks are well known for a great choice for all types of block projects; from affordability to having endless design options available. Below are some of the benefits for using breeze blocks in your next project.

Durability: Breeze blocks are made of concrete, which makes them hardy and durable. They can withstand harsh weather conditions, including extreme temperatures, moisture, and fire. This durability ensures that the structures built with breeze blocks will have a long lifespan.

Low Maintenance: Once installed, breeze blocks require minimal maintenance, after they have been sealed / painted. They are resistant to rot, decay, and pests, which eliminates the need for frequent repairs or replacements. Regular cleaning and occasional inspections are usually sufficient to keep breeze block maintenance structures in good condition.

Energy Efficiency: Breeze blocks have thermal insulation properties, which can contribute to energy efficiency in your home. They can help regulate indoor/outdoor spaces temperatures by reducing heat transfer or promoting wind, thereby reducing the need for excessive heating or cooling.

Versatility: Breeze blocks come in various sizes, shapes, and patterns, offering versatility in design. This flexibility enables you to create aesthetically pleasing projects while maintaining functionality. They can be used for interior and exterior walls, partitions, decorative screens, and even furniture. You can choose from different colors, and patterns to match your desired architectural style.

BENEFITS

Cost-effective: Breeze blocks are relatively affordable compared to other construction materials. Their affordability makes them a cost-effective choice for projects, allowing you to allocate your budget to other areas of your project without compromising on quality or durability.

Sustainable option: Concrete, the primary material used in breeze blocks, is known for its sustainability. It is widely available, made from natural resources (cement, aggregate, water), and has a long lifespan. Additionally, concrete can be recycled or repurposed at the end of its life, reducing its environmental impact. By using breeze blocks, you can contribute to sustainable construction practices.

