

Design  
4 Build

**MATHIOS**stone®

## FAQ's

### What Mathios Stone is?

Mathios Stone is a handmade reproduction of natural stone. Our artisans traveled around the world, through rural areas, rocky mountains, grotto, canyons and pebble beaches to handpick the most beautiful stones. Next, special molds were designed for every single stone in order to capture each texture to even the tiniest detail. Following this, each stone is hand painted depicting all colour nuances found in the colour palette of nature.

### What are the raw materials of Mathios Stone?

Mathios Stones are produced by mixing special concrete additives, lightweight aggregate (pumice), cement and natural color pigments of the highest quality.

### What are the main advantages of using Mathios Stone instead of natural stone?

- Mathios Stone has been engineered to provide additional heat and sound insulation.
- Mathios Stone corner pieces yield a natural and extraordinary aesthetic effect.
- The installation of Mathios Stone is a tidy process that does not create rubble remains that the natural stones would create as a by-product.
- Easy handling because Mathios Stones are lightweight and are delivered in packed cartons of precise dimensions.
- Mathios Stones can be installed much faster than the natural stones as it is properly designed to give the aesthetical result without using additional configurations such as cutting or carving. Each stone veneer composition consists of pieces of specific dimensions to guide the technician during the installation process.

Design  
4 Build

**MATHIOS**stone®

- Mathios Stones are much lighter than natural stones (about 60%).
- Available in a wide variety of textures, colors and sizes satisfying modern architectural demands.
- Damaged items can be easily replaced as they are always in stock.

#### Does Mathios Stone meet Building Code requirements?

The properties and specifications of Mathios Stone comply with the requirements of UK, US and European Union building regulations relating to those products.

The production process of Mathios Stone is certified in accordance with American and European standards. It also meets the applicable acceptance criteria of their main properties surpassing all existing quality and regulatory requirements at national, European and global level.

The Mathios Refractories SA is ranked at the top of companies, as it produces artificial stone and products while complying with the most exacting worldwide standards.

#### Will Mathios Stone fade over time because of the sunlight?

No. The iron oxides used for the coloring are integrated with the mass of Mathios Stone. This makes Mathios Stone veneers extremely high resistant to combined corrosive conditions.

#### Can Mathios Stones be installed on any kind of surface and material?

Due to its lightweight, Mathios stone can be installed on diverse surfaces: thermal insulation, Bricks, Brick Slips, Walls, Gypsum Boards, Cement, Wood, Glass, Tile and Precast products. It is advised to properly prepare the mounting surface with the given adhesive in order to create durable adhesion between the Mathios Stone and the substrate.

#### What materials are used for tilling Mathios Stone and for the joints?

The materials suggested by Mathios Refractories SA are the mortar Mat Build and the tile adhesives Extra Stone Glue and Easy Glue. In some cases where increased adhesion, elasticity, or flexibility is required, we recommend mixing mortar and tile adhesive with plasticizer emulsion as a partial substitute for water. With regards to grouting, the use of Mat Build mortar, which is available in various colors and granulometry, is highly advised.

#### Are Mathios Stone products flammable?

No, because they consist of nonflammable natural raw materials.

### What installation efficiency may Mathios Stone offer?

Installing Mathios Stone is much easier than setting up natural stones. Indicatively, Mathios Stone can cover a 8 m<sup>2</sup> - 15 m<sup>2</sup> surface per day while natural stones 5 m<sup>2</sup> per day. Due to their coarse back surface as well as their lower weight per unit area, Mathios Stones provide stronger adhesion and increased delamination strength to various substrates.

### Is there any possibility for humidity or extremely weather conditions to cause problems to Mathios Stones?

Mathios Stone are highly resistant to frost and corrosive environments such as acid rain and NaCl. However, special attention should be paid to the uniform application of the adhesive on the surface of Mathios Stones and the substrate. No gaps must be left, in order to avoid unwanted detachments in case of exposure to freezing conditions.

For extra protection against extreme weather conditions Mat-protect is recommended to be used following the instructions of use and the safety data sheet of the product.

### How can I clean Mathios Stone if it's been marked during installation?

Use a wet sponge to remove the stain as soon as possible.

### How can I repair Mathios Stone in case of damage?

Mathios Stone can be repaired by applying liquid paints with a brush. Paints must be approved and provided by our company. In any case, you can easily replace the damaged stone. For further information and details please contact us by email or phone. Our experts will assess your case and suggest you the most suitable solution.

### Can Mathios Refractories S.A. undertake tailor made orders?

Although the Mathios Stone collection offers a vast variety of choices and it keeps following the newest trends, some tastes might not be covered. We would be happy to receive your request. A highly proficient and creative team consisting of people from the Production, the Sales and the Marketing teams will come up with proposals tailored to your needs.

### Where can I find installation instructions?

Instructions may be found in each package of Mathios Stone.