

## Tech Data

Our products are made out of GFRC with the best quality materials, to create an aesthetic, durable and resistant product. GFRC is an acronym for "Glass Fiber Reinforced Concrete", is a cement-based composite material reinforced with alkali-resistant aggregates, polymers and fibers. The glass fibers reinforce the concrete, much as steel reinforcing does in conventional concrete. The glass fiber reinforcement results in a product with much higher flexural and tensile strengths than normal concrete, allowing its use in thin-wall casting applications. GFRC also is a lightweight, durable material that can be cast into nearly unlimited shapes, colors and textures.

### Determine if concrete is right for you

- You want something unique and personalized
- You want something that looks natural and has character
- You appreciate high-quality, handcrafted items
- Synthetic solid surface materials look and feel like plastic
- You need a color or visual texture that's not available with other materials

### Features

- Design freedom since GFRC is able to be molded into almost any shape and color
- Broad offering of contemporary designs suitable for a variety of indoor and outdoor decors
- Requires very low maintenance
- Installation is quick and cost effective
- Larger pieces with fewer seams
- It has better shrinkage properties when compared to typical concrete
- It's lighter because GRFC can be cast in thinner sections and is therefore as much as 70% lighter than similar pieces cast with traditional concrete. Allowing for lighter foundations and reduced shipping cost
- Durability as the steel is replaced by the glass fibers in the GFRC, they prevent oxidation and promote durability in salty and high humidity environments
- High performance non-toxic penetrating sealers (external) – Elastomeric sealer for interior of planters

### Typical Areas of Use

- Interior and exterior commercial / residential
- Resorts / Hotels
- Golf courses
- Venues, malls and shopping areas
- Any location where an enhanced decor is desired

### Applications

- Planters
- Furniture
- Fire-bowls
- Water features
- Countertops

- Basins
- Artificial rock walls

### Benefits

- Stylish and contemporary design offerings
- 9 standard colors with custom coloring options
- Color accuracy and control
- Thin and durable
- Lasting beauty and warmth
- Increased structural integrity utilizing High Performance Concrete and Fiber Technology
- Flexible designs and color combinations

### Surface Finish

The standard surface finish for Roca Griega products is a smooth “pressed cast” concrete with topically applied sealant. This concrete casting method exemplifies the elegance and performance of finely polished concrete or stone surface. There are 9 colors to choose from, which are protected with a natural matte penetrating sealant with elastomeric sealer for the interior (only for planters).

### Mold Design

Our custom molds are proprietary and fabricated by Roca Griega. Our standard product lines offer a wide range of shapes and “looks” to suit most any commercial or residential application. Custom product lines and designs are available upon request.

### Custom and Specified Design

Roca Griega products can be designed in house or fabricated to your desired specifications which meet reasonable expectation of product performance. We offer CAD design to help visualize your final product upon request.

### Colors

Roca Griega offers 9 standard colors for application to our concrete products. Our colors are mixed into the concrete, are strong, durable and last as long as the concrete. Custom colors are mixed upon request, providing new options and alternatives. Natural materials cannot compete with the design freedom, custom color choices, and control now offered in custom concrete material.

### Fabrication and Installation

Application requirements, logistics, and space constraints all contribute to determining the size, shape and seam placement of your custom concrete products.

### Company Profile

Roca Griega, a design and installation company devoted to the production of high quality concrete items offering reliable, professional service with a reputable history of quality and beauty. We enjoy and have a deep appreciation for design and architecture, and encourage involved relationships with interior designers,

architects, builders, and of course homeowners. Roca Griega was established in 2017 in Baja California Sur to serve a growing need and demand for quality in high end decorative concrete.