



GFRC (Glass Fiber Reinforced Concrete)

What is GFRC?

Campania's GFRC, Glass Fiber Reinforced Concrete, is a Portland cement based composite material with moisture resistant glass fibers randomly dispersed throughout the material. The fibers serve as reinforcement to enhance the concrete's flexural, tensile, and impact strength. The glass fibers used are high zirconia alkali resistant. Our GFRC is manufactured using the spray up technique resulting in a wall thickness of approximately 1/2" (tolerance +/- 1/8"). The high compressive strength of our GFRC results in a frost proof, thaw proof, rust proof, and fire proof material that meets the standards for commercial use. GFRC is manufactured and imported from our partner factory in the Philippines.

Why choose GFRC?

GFRC planters are frequently specified for rooftops and terraces, hospitality projects, large scale public space installations and custom projects. Our GFRC replicates the look and feel of cast stone at a significantly lighter weight. They are a great choice for jobs that do not allow for heavy-weight materials and where large scale plantings are required. Because of their lighter weight, GFRC planters are easier to ship and material handle on the job. GFRC planters can withstand UV exposure and extreme temperatures, from high heat to frost and can tolerate the seasonal thaw cycles when planted as recommended in our literature. Additionally, they won't corrode due to exposure or direct contact with soil. There is no need to use plastic liners with Campania's GFRC planters. Although we recommend that you take advantage of the quick turnaround of our stocked product; these shapes, finishes, and/or sizes are not always right for every job. Campania has the capability to produce custom shapes, sizes, and colors in our partner factory.

Available Colors

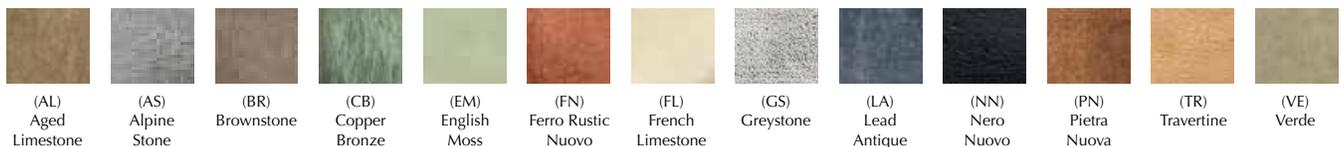
Campania's GFRC products are available in a choice of thirteen [\(13\) exclusive natural pigment stains](#). All of our patinas are hand-applied in a multi-step process which produces unique and beautiful surface finishes intended to replicate naturally aged materials.

Like stains for wood, each piece will accept our patinas in varying degrees of intensity, creating surface variations with distinctive character. Even when applied with the same process, this artisanal technique gives each piece a unique beauty and permits natural aging to occur seamlessly in an outdoor environment.

See the color chart below for Campania's stock patinas.

Please note that due to the hand-application process and photography, actual colors may vary from those depicted here.

Color samples are available upon request by calling 215-541-4330.





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Care & Maintenance

Outdoor Planting Instructions: Our GFRC planters are equipped with pre-installed drainage holes and raised feet to allow for drainage. The drain holes must be kept clear to maintain the longevity of your planter, especially in climates that undergo freeze thaw cycles in the winter. We recommend: Covering the drain holes with a mesh screen or equivalent to keep debris from clogging the openings; Filling the bottom of the planter with non-porous drainage material; Filling the remainder of the planter with a well-draining soil mix that will not retain excess water; and lastly, covering the soil with decorative mulch or pine bark to the top rim of the planter to discourage water from pooling on the surface.

Cleaning Instructions: Campania's GFRC planters can be cleaned with a combination of water and mild detergent and a soft cloth, sponge, or brush. Do not pressure wash, apply corrosive cleaners or clean with anything abrasive. Note that it may take several cycles of wiping and drying before the planter is completely clean.

Warranty

Campania International, Inc. provides a limited 3 year warranty for material and manufacturing defects only assuming proper product care and maintenance as described in Campania's product specifications. Please refer to Campania's care instructions for proper care and maintenance. In addition to the failure to properly care for and maintain the product, this limited warranty does not apply to any defects which occur in the color or surface of the product which are the result of natural weathering, exposure to the elements or improper winterization. Campania International, Inc. will not be held liable for any incidental or consequential damages, including but not limited to damage to any plants which may have been planted in the product.