Tournesol

Glass Fiber Reinforced Concrete - GFRC

We cast GFRC products in our plant in Juarez, Mexico. GFRC is glass fiber reinforced concrete and is made by combining a mixture of lightfast pigments, fine sand, cement, polymer, water, and alkali-resistant glass fibers.

Our GFRC products are available in five textures and a palette of colors. See all of these textures and colors on our Samples & Finishes page.

The glass fibers used in GFRC help give this unique compound its strength. Alkali-resistant fibers act as the principal tensile load-carrying member, while the polymer and concrete matrix bind the threads together and helps transfer loads from one fiber to another. Without fibers, GFRC would not possess its strength and would be more prone to breakage and cracking.

GFRC products have the appearance of poured concrete but are lighter and stronger. Thin layers of materials are hand-applied to mold interiors with added strength from layers of fiberglass. Our production process is different for each of our GFRC textures. All GFRC products include binders to resist cracking and efflorescence.

Interior Sealant
Once cast, our planters have an interior sealant added as a water-resistant, damp-proofing layer to prevent most efflorescence and cracking.

Optional Waterproofing
TourneSeal, an optional waterproofing, can be applied to the planter interior. Once coated, we test for watertightness and recommend our customers do an additional test after installation before filling.

Exterior Sealant
Concrete is a porous surface that absorbs moisture and minerals, which can cause changes to the surface appearance. To preserve original appearance, our GFRC is sealed with clear concrete sealer.

GFRC - Lightweight Concrete

CHARCOAL
ACID ETCH

CHARCOAL
SANDBLAST

CHARCOAL
NATURAL SAND

CHARCOAL
FINE GRAIN

CHARCOAL
TRAVERTINE

SHADOW
ACID ETCH

SHADOW
SANDBLAST

SHADOW
NATURAL SAND

SHADOW
FINE GRAIN

SHADOW
TRAVERTINE

SHARK
ACID ETCH

SHARK
SANDBLAST

SHARK
NATURAL SAND

SHARK
FINE GRAIN

SHARK
TRAVERTINE

PEARL
ACID ETCH

PEARL
SANDBLAST

PEARL
NATURAL SAND

PEARL
FINE GRAIN

PEARL
TRAVERTINE

GFRC - Lightweight Concrete

MIST
ACID ETCH

MIST
SANDBLAST

MIST
NATURAL SAND

MIST
FINE GRAIN

MIST
TRAVERTINE

RAIN
ACID ETCH

RAIN
SANDBLAST

RAIN
NATURAL SAND

RAIN
FINE GRAIN

RAIN
TRAVERTINE

CELERY
ACID ETCH

CELERY
SANDBLAST

CELERY
NATURAL SAND

CELERY
FINE GRAIN

CELERY
TRAVERTINE

MOSS
ACID ETCH

MOSS
SANDBLAST

MOSS
NATURAL SAND

MOSS
FINE GRAIN

MOSS
TRAVERTINE

GFRC - Lightweight Concrete

CAROB
ACID ETCH

CAROB
SANDBLAST

CAROB
NATURAL SAND

CAROB
FINE GRAIN

CAROB
TRAVERTINE

CLAY
ACID ETCH

CLAY
SANDBLAST

CLAY
NATURAL SAND

CLAY
FINE GRAIN

CLAY
TRAVERTINE

SANDBOX
ACID ETCH

SANDBOX
SANDBLAST

SANDBOX
NATURAL SAND

SANDBOX
FINE GRAIN

SANDBOX
TRAVERTINE