



Product Data Sheet for Glass Fiber Reinforced Concrete (GFRC)

Manufacturer

GC Products, Inc.
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Samples and Submittals

Submittals from GC Products are to include, but not limited to, GC Products specifications, product data sheet (PDS), safety data sheet (SDS) and shop drawings. Drawings will be included for verification of dimensions, profiles and surrounding construction. Recommended installation methods will also be included.

Materials

GC Products GFRC units are prefabricated with highly engineered and refined materials including Portland Cement, Aggregates, Glass Fibers and Additives that meet applicable ASTM standards.

Tolerances (Manufacturer)

1. Length/Width Dimensional Variation: +/- 1/8"
2. Unit Thickness Variation: +1/4" or -1/8"
3. Shell Thickness Variation: +1/8" or -1/16"

Physical Properties

1. Weight: 6 to 9 lbs./sq. ft.
2. Flexural Strength: 1000 to 1800 psi
3. Compressive Strength: not less than 5000 psi (ASTM C109)
4. Surface Burning Characteristics: Flame spread 0; Smoke Development 5, Fuel Contribution 5 (ASTM E84)



Design & Fabrication

GC Products GFRC units are designed and manufactured to meet each tolerance and design intent according to the architectural drawings and project specifications including attachments and surface finish.

Delivery, Storage & Handling

1. Delivery: GFRC units are crated, palletized and loaded onto a delivery truck at the manufacturing plant. Product is delivered to the jobsite per project requirements.
2. Storage: To prevent cosmetic variation or staining before installation, store GFRC on a level surface protected from extreme environmental conditions. Storage conditions should be consistent between all GFRC units.
3. Handling: GFRC units must be handled to prevent damage to finished surfaces.

Installation

Install in accordance with applicable codes, construction and design intent including built in fastening anchors.