



**GC Products, Inc. GFRG\* - Glass Fiber Reinforced Gypsum  
Product Data (For Interior Applications)**

Manufacturer

**GC Products, Inc.  
601 7<sup>th</sup> St., PO Box 1767  
Lincoln, CA 95648  
P. 916.645.3870 F. 916.645.3857  
www.gcproductsinc.com**

Samples and Submittals:

Submittals are to included, but not limited to, product data, MSDS and shop drawings. Drawings will include for verification of dimensions, profiles and surrounding construction. Recommended installation methods will also be included.

Materials:

- A. GCP GFRG\* units shall be prefabricated with high-density gypsum, reinforced with continuous random filament glass fiber mat and structural reinforcing as required.
1. Glass Content: 5 to 6 percent by weight
  2. Density: 103 to 112 pcf
  3. Shell Thickness: 1/8 to 3/16 inch (3 to 5 mm) nominal
  4. Flammability: Flame Spread Index of 0 (Per ASTM-E84 and ASTM-E136)  
Smoke Development Index of 0 (Per ASTM-E84 and ASTM-E136)
  5. Flexural Strength: 3000-4000 PSI
  6. Compressive Strength: 7600 PSI
  7. Hardness (Barcol) No Less Than 50
  8. Impact Resistance 8.0 ft.-lb./in.2

Tolerances (Manufacturer):

Dimensional – all directions	+/- 1/8”
Thickness – skin	+ 1/16”/-0
Thickness – total unit	+/- 1/8”
Warpage or bowing	+/- 1/16” per ft.
Draft Angle: 3 degrees, minimum, on returns, setbacks, revels, and grooves.	

**GC Products, Inc. GFRG\* - Glass Fiber Reinforced Gypsum  
Product Data (For Interior Applications)**

Fabrication:

1. Mix: GFRG is batched and blended in accordance with ASTM 1355 using the specified mix design.
2. Application: GFRG mixture is hand applied into approved molds that correspond with the approved shop drawings. GFRG is then removed from the molds and placed into jigs until cured. Product is then labeled corresponding to the approved shop drawings.
3. Finish: GFRG surface is a level four equivalent finish ready to receive primer and paint.

Delivery, Storage & Handling:

1. Delivery: GFRG units are to be crated, palletized or loaded onto the delivery truck at the plant. Product is delivered to the jobsite per project requirements.
2. Storage: Store GFRG on a level surface protected from weather, moisture and damage. Product must be appropriately stored until installation.
3. Handling: GFRG must be handled to prevent damage to finished surfaces.