FIBERGLASS PERGOLA PROGRAM

HB&G

OUTDOOR

LIVING

Easy to Install…
Easy to Maintain…
We make Outdoor Living Easy!

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WHY FIBERGLASS?

- High Strength-to-Weight Ratio

- Corrosion Resistance

- Consistency in Appearance and Performance

- Low-Maintenance

- Hollow Beams Allow for Internal Wiring

- Ease of Installation

- Prefinished White with ChromaGuard™ Engineered Coating

- Limited-Lifetime Warranty

STABILITY

- Kits are wind load rated
  - 90 lb. uplift on standard
  - Optional kit for 160 lb. uplift
  - 3rd Party Independent Testing (MW Engineering/ FL PE Stamp)
- Can span longer distance than wood or vinyl
- Fiberglass box construction keeps beams from sagging
  - No aluminum stiffeners required
- Not affected by temperature variations

HIGH STRENGTH TO WEIGHT RATIO

- Pound for pound, stronger than steel (Isotropic Material)

- No need to reinforce means lighter weight

- Lighter weight allows for

  - Easier installation

  - No need for heavy equipment

  - Less manpower required to install

CORROSION RESISTANT

- Fiberglass-reinforced composites are naturally corrosion resistant

- No concern of insect damage with termites, Powderpost Beetles or Carpenter bees that is associated with wood products

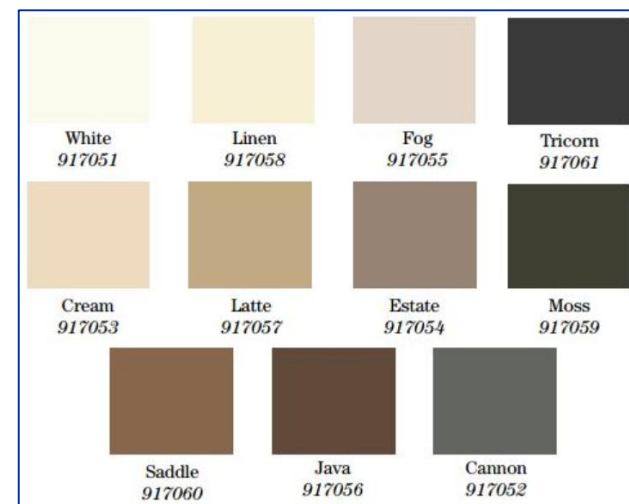- They will not rust, corrode or pit in exterior applications

CONISISTANT PERFORMANCE AND APPEARANCE

- Fiberglass components offer a uniform appearance that lasts for years

- They will not twist, warp or bow

- They maintain their full strength over the life of the product

PREFINISHED WHITE WITH CHROMAGUARD™

- Formulated specifically for our pergolas

- ChromaGuard™ is a strong, durable engineered coating that

  - Seals and bonds to structural fiberglass like a protective shell,

  - Ensures a long-lasting quality finish

- ChromaGuard™ is applied as a uniform finish at the factory, so there is no extra work required by the installer

- 10-Year Warranty on the coating

- 10 Additional Color Options available

White
917051

Linen
917058

Fog
917055

Tricorn
917061

Cream
917053

Latte
917057

Estate
917054

Moss
917059

Saddle
917060

Java
917056

Cannon
917052

EASE OF INSTALLATION

- Pergolas are made to specific dimensions – makes installation easy and fast

- Parts are clearly marked and hardware is included

- Detailed installation instructions are included with each kit

- Please note: optional wind load/deck plates do not include deck screws

Tools Needed for Pergola Installation

Hammer

Electric Hammer Drill

5/8" Concrete Drill Bit

13/16" Wrench

Portable Cordless Drill

#2 Square Drive Bit

5/16" Socket Head Bit

Pair of Pliers

3/8" Socket Head Bit

3/16" Drill Bit

1/8" Drill Bit

15/16" Socket

LOWER LIFE CYCLE COST

- The durability and weather resistance of fiberglass components will provide a cost savings over time – virtually maintenance free

- CHROMOGUARD™ coating is very durable coating with a 10-Year Warranty

DIFFERENT THAN THE REST

- Cables for speakers and electrical can be run inside the rafters

- Ceiling fans, speakers, etc. can be hung from the rafters

- Not affected by snow load

- Not affected by radiant heat

- They can be painted dark colors

  - Although pre-finished white, they may be re-painted in the field after a light sanding

STOCK PERGOLAS

- Stock kits available with HB&G PermaLite No-Taper Round or Square Columns in 8" X 8' or 10" X 8'

- Available in 12' X 12', 14' X 14' and 16' X16' overhead sizes

- Optional wind load/deck plates available for 8" and 10" columns – NOT included in stock kit

- Installation instructions included with each kit

Overhead Size	Column Center Size	Column Size
12' X 12'	8' X 8'	8" X 8'
14' X 14'	10' X 10'	10" X 8'
16' X 16'	12' X 12'	10" X 8'
Wind Load / Deck Plate*		8"
Wind Load / Deck Plate*		10"

*Sold Separately, Deck Screws not included

STOCK PERGOLAS

PermaLite No-Taper Round Columns

PermaLite Square Columns

PERGOLA PACKAGING

- Pergola's shipped complete in 2 crates

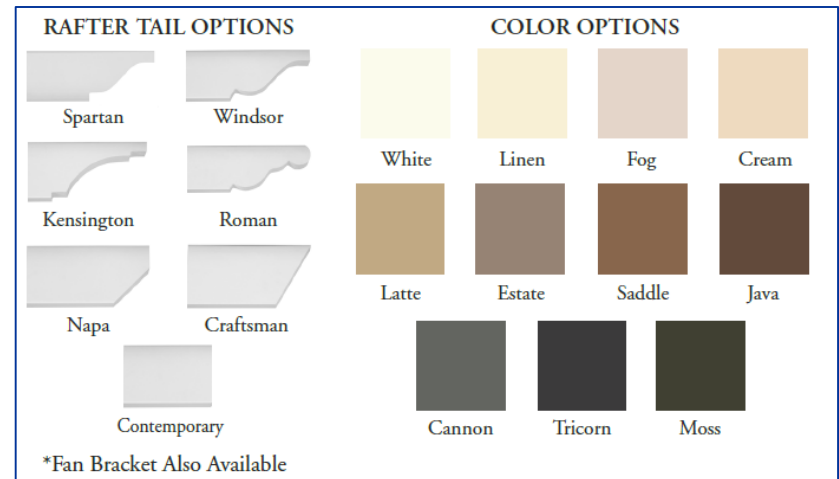- 1 crate includes the columns and 1 crate includes all other components

COMPLIMENTARY PRODUCTS

- Privacy Screens
  - Pool/Dining areas
  - Multi-family applications
  - 12' Privacy Screen w/10" Square PermaLite
  - 24' Corner Screen w/10" Square PermaLite
- Eyebrows/Trellises
  - 11', 18', and 20' Eyebrow
- Entry Arbors
  - 12' X 3' with 10" X 8' Column Size
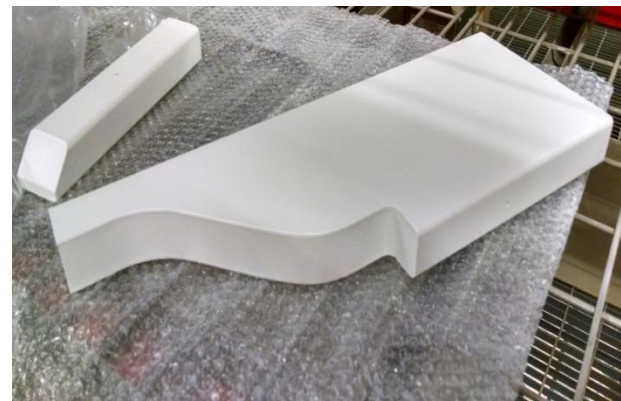 - Square and Round PermaLite Options

SEMI CUSTOM OPTIONS

- Rafter Tail Options

  - Spartan, Windsor, Kensington, Roman, Napa, Craftsman, and Contemporary

  - Fan Bracket available
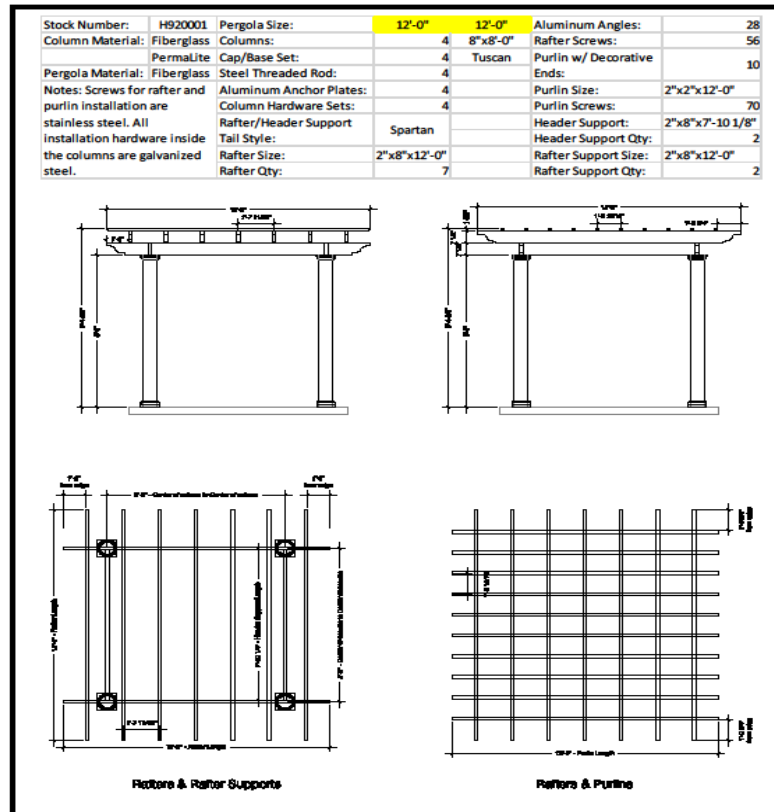
- 10 pre-finished color options

RAFTER TAIL OPTIONS — Spartan, Windsor, Kensington, Roman, Napa, Craftsman, Contemporary

COLOR OPTIONS — White, Linen, Fog, Cream, Latte, Estate, Saddle, Java, Cannon, Tricorn, Moss

*Fan Bracket Also Available

SALES SUPPORT

- CAD drawings highlighting dimensions

- 3rd Party wind load test

- Installation instructions

- Samples available

- Table-Top Display

CAD DRAWING

INSTALLATION INSTRUCTIONS

Fiberglass Pergola Installation Instructions

Required Tools: Hammer, Electric Hammer Drill, 5/8" concrete drill bit, 13/16" wrench, Portable Cordless Drill, #2 square drive bit, 5/16" socket head bit, pair of pliers, 3/8" socket head bit, 3/16" drill bit, 1/8" drill bit, 15/16" socket.

1. Locate the center points of the columns. Make sure the layout and slab are square. **NOTE:** The concrete slab needs to be a minimum of 5" thick. The concrete footing must be a minimum of 2'x2'x2' and needs to reflect the local building code requirements. Concrete must be a minimum of 2,000 psi.

2. Use the hammer drill and 5/8" masonry bit to drill a 5" deep hole.

3. Remove the dust from the hole to ensure a clear insertion of the stainless steel anchor.

4. Use the hammer to install the stainless steel anchor in the prepared hole. **Note:** Our 5/8" concrete wedge anchor will install in the prepared hole.

5. Use the 15/16" socket wrench to tighten the nut on top of the anchor.

6. Install the connector nut on top of the stainless steel anchor and tighten. Use the 13/16" wrench.

NOTE: We require a minimum of 5/8" galvanized and stainless steel all-thread on all installations. The length of the all-thread is determined by the column height. (Requires 13/16" wrench).
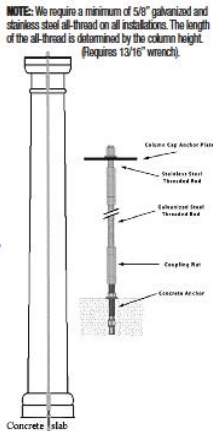
7. Position the column so that it is centered over the connector nut. If the column base is not installed, slide it over the top of the column and down the column to the bottom.
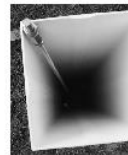
8. Attach a connector nut to the threaded rods and then attach the 6" inch stainless steel threaded section to the top of the connector nut.

Column Cap Anchor Plate
Stainless Steel Threaded Rod
Galvanized Steel Threaded Rod
Coupling Nut
Concrete Anchor

10. Screw the threaded rod snugly into the coupling nut at the bottom of the column and tighten with pliers.

9. Lower the threaded rod into the column and engage the coupling nut on the bottom.

Concrete Slab

11-12. Locate the column cap shown in photos 11 and 12. Place on the column and feed the threaded rod through the hole in the center of the plate with the welded angle.

WOOD OR COMPOSITE DECK INSTALLATION
NOTE: Deck plates must be bolted to the top of the wood or composite deck with four 1/2" stainless steel lag bolts. 2"x4" blocking must also be used on the underside of the deck for extra support. (The 1/2" bolts are sold separately.)
Sold Separately: Only necessary for deck applications and 160MPH wind uplift.

NOTE: It is easier to paint the pergola on the ground before you begin installation.

FIBERGLASS PERGOLA PROGRAM

- HB&G Outdoor Living

  - Outdoor living is a growing category

  - HB&G's Fiberglass Pergola Program allows the flexibility of a standard size pergola kit and limitless custom configurations

  - Choose from square, round, attached, free-standing, white, pre-finished color, rafter tails, and more!

  - All pergola kits carry a Limited Lifetime Warranty and come standard with a pre-finished white ChromaGuard™ engineered finish