



SECTION 07 71 23 MANUFACTURED GUTTERS

Guide Specification for Fiberglass Building Products Inc Fiberglass brand fiberglass gutter system.

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Editor Note: The Construction Specifications Institute (CSI) recommends and supports use of its current MasterFormat section title and numbering system, shown below as
SECTION 07 71 23 MANUFACTURED GUTTERS

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. The provisions included under Division 1, General Requirements, are included as part of this section as though bound herein.

1.02 SUMMARY

- A. Provide material necessary for furnishing a complete installation of the fiberglass gutter system.
- B. Related Work Specified Elsewhere
 1. Division 5 Sections for support framing.
 2. Division 6 Sections for nailers and support framing.
 3. Division 7 Sections for related roofing materials.

1.03 SUBMITTALS

- A. Product Data: Each type of product specified. Submit manufacturer's detailed technical product data, installation instructions and recommendations, dimensions of individual components, profiles, and finishes
- B. Shop Drawings: Show fabrication and installation of fiberglass gutter system including fully dimensioned roof plans, expansion joint locations, sections and details of components and other related trims.



1.04 QUALITY ASSURANCE

- A. Where pre-engineered manufactured products are specified, other field fabricated or shop/field fabricated substitutions will not be accepted. However, where shop/field fabrications are indicated pre-engineered systems will be considered with Architect approval.
- B. Obtain all components and related accessories from one single source manufacturer.
- C. Follow manufacturer's printed instructions for installing fiberglass gutter system. Follow primary roofing manufacturer's printed instructions for installing associated roof material for flashing gutter system to roof.

1.05 DELIVERY, STORAGE & HANDLING

- A. All products delivered shall be stored in a clean dry location prior to installation.

1.06 PROJECT CONDITIONS

- A. Coordinate work of this Section with adjoining work for proper sequencing to ensure protection from inclement weather
- B. Do not install fiberglass gutter system during inclement weather. When installing in cold climates, warm adhesives, caulks, and primers to at least 50 degrees Fahrenheit prior to application.

1.9 WARRANTY

- C. Subject to the terms and conditions stated herein, FIBERGLASS BUILDING PRODUCTS warrants to the original purchaser that product will be free from manufacturing defects that cause the product to rot, corrode, delaminate, or excessively swell from moisture for a period of fifty (50) years from the date of the original consumer purchase. Complete warranty Information:
<https://fiberglass.com/wp-content/uploads/2018/04/Fiberglass-Gutter-Warranty.pdf>

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Provide fiberglass gutter system and accessories, as manufactured by FiberGutter ~A division of Fiberglass Building Products Inc. 546A Plymouth St Halifax, MA 02338 Phone (781) 754-4890 www.fiberglass.com

2.02 TYPE

- A. Provide FiberGutter 4x5 or 4x6 fiberglass gutter.
Part Numbers: FG6016, FG6024, FG6040, FG9016, FG9024, FG9040

2.03 MATERIALS & FABRICATION



A. FiberGutter is constructed by pultrusion using polyester resin and fiberglass

1. Lengths are available for delivery up to 40'

2.04 ACCESSORIES

B. Fasteners to be used are 3" Stainless Structural Screw (Part: GRK60S-1)

C. Outlets are manufactured in Schedule 40 PVC (Part: SCH40)

D. Endcaps are manufactured in fiberglass (Part: ECS1, ECS2)

E. Sealant: Shall be GutterGlue for all miters, endcaps and outlets (Part: FGGG220)

F. Sealant Requires Applicator Gun (Part: FGDISP-220ML)

2.06 FINISHES

A. General: Can be painted with Acrylic Latex Paint after prep. Refer to painting instructions

PART 3 EXECUTION

3.01 EXAMINATION

A. The installer must examine substrates and conditions under which gutter system will be installed. All wood plates and/or fascia boards shall be installed true, straight, and free of splits, cracks, or other irregularities. Do not proceed with installation until unsatisfactory conditions are corrected.

3.02 PREPARATION

A. Installer shall thoroughly read and follow manufacturer's installation instructions before proceeding with installation.

3.03 INSTALLATION

A. General: The fiberglass gutter system shall be installed in strict accordance with manufacturer's printed instructions. Deviations from the instructions are not allowed.

B. Slope: 1/2" slope in 40 linear feet. Install fiberglass gutter with 3" structural screw at every rafter end

C. Endcap Installation

1. Sand any bonding surfaces where the endcap is to be installed (including on the gutter).
2. Apply 2P10 Superglue to edge
3. Stick Endcap in place so that it is flush with edge of gutter
4. Give area another wipe clean once endcap is in place
5. Use GutterGlue along edge of intersection between gutter & endcap. You can use your finger (with glove on) or tongue depressor to smooth it out.



D. Outlet Installation

1. You can use a manufacturers outlet or 2" Schedule 40 PVC Pipe cut to a 3" length
2. (Leave enough space for downspout to fit between outlet and fascia)
3. Drill through gutter with a 2-3/8" hole sa
4. Use Sandpaper to clean up edge and increase bond strength. Give it a quick wipe with acetone
5. Outlet should be a tight fit to gutter. If it is loose or will not sit straight use 2P10 Superglue to hold it in place while applying final bonding agent.
6. Use GutterGlue to complete outlet Installation

E. Miter / Seaming Installation

1. Use GutterGlue to seal miter on inside. If outside needs touch up you can use GutterGlue and sand after curing.
2. Make sure area 2" on either side of seam has been sanded (36 Grit ONLY)
3. Wipe with acetone and use 2P10 superglue (recommended) to temporarily hold seam together
4. Wet out Fiberglass Cloth with GutterGlue and lay into Miter/Seam.
5. Use tongue depressor to smooth inside of seam with GutterGlue over fiberglass tape
6. Allow 30 minutes before handling.

END OF SECTION 07 71 23