

# SPECIFICATION DATA MANUAL

## BATHROOM ACCESSORIES

### 10800

PRODUCT: WingIt Bathroom Accessories and Fastening Systems.

MANUFACTURER: WingIts, LLC

714 Fifth Ave., PO Box 97, Bradley Beach, New Jersey 07720  
PH: 732-869-4466, FAX:732-869-9474, OR TOLL FREE  
(877)-894-6448 E-MAIL>[info@wingits.com](mailto:info@wingits.com) or Web site>  
[www.wingits.com](http://www.wingits.com)

## SECTION 10800

### BATHROOM ACCESSORIES

#### Part 1 GENERAL

##### 1. SECTION INCLUDES

- A) Handrails, Safety Railings, and Grab Bars.
- B) Toilet Room, Lavatory, and Shower Accessories.
- C) Mounting Hardware and Accessories.
- D) Security and Detention Facility Accessories.

##### 2. RELATED SECTIONS

- A) Section 04810 - Unit Masonry Assemblies.
- B) Section 05520 - Handrails and Railings.
- C) Section 06114 - Wood blocking and Curbing: Blocking and handrail support.
- D) Section 06200 - Finish Carpentry: Handrails.
- E) Section 09200 - Plaster & Gypsum Board.
- F) Section 10150 - Compartments and Cubicles.

##### 3. REFERENCES

- A) ADAAG - American with Disabilities Act Accessibility Guidelines.
- B) ANSI/CABO A117.1 - American National Standard for Buildings and Facilities; Providing Accessible and Usable Buildings and Facilities; Council of American Building Officials.
- C) ASTM A207 - Seamless and Welded Austenitic Stainless Steel.

- D) ASTM A269 - Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service.
- E) ASTM A 312/A 312M - Standard Specification for Seamless and Welded Austenitic Stainless Steel Pipes.
- F) ASTM E985 - Standard Test Methods for Permanent Metal Railing System and Rails for Buildings.
- G) ASTM F446 - Consumer Safety Specification for Grab Bars and Accessories Installed in Bathing Area.

**4. SYSTEM DESCRIPTION**

- A) Performance Requirements: Grab Bars utilized need to meet the qualifications for Austenitic Stainless Steel. Installation of Grab Bars must be specified as meeting ADA Requirements or Permanent Railing Criteria.

**5. SUBMITTALS**

- A) Submit under provisions of Section 01300.
- B) Product Data: Manufacturer's complete and current product data for each product required, including complete installation requirements.
- C) Shop Drawings: Show locations of each item and installation details. Provide elevations of non-standard conditions.
- D) Samples: Submit selection and verification samples for finishes, colors, and textures.

**6. QUALITY ASSURANCE**

- A) Provide test reports and Certificates Signed by Manufacturer verifying compliance with the performance specifications for:
  - 1) Austenitic Stainless Steel.
  - 2) Structural compliance for the installation of either Permanent Railings or Safety Bars/Railings.
  - 3) Fire-related properties.
  - 4) Manufacturers Installation Instructions.

**7. DELIVERY, STORAGE, AND HANDLING**

- A) Order products per manufacturers ordering instructions and lead time requirements to avoid construction delays.
- B) Ship products in manufacturer's original individual packaging including installation instructions.

**8. WARRANTY**

- A) Submit Manufacturer's Warranty corresponding with specific products to be ordered per the Contract.

**PART 2 PRODUCTS**

## 1. MANUFACTURERS

WingIts, LLC – 714 Fifth Ave., PO Box 97, Bradley Beach, New Jersey 07720  
Ph: 732-869-4466 Fax: 732-869-9474 Toll Free: 8778WingIts  
E-mail> [info@wingits.com](mailto:info@wingits.com) Web site> [www.wingits.com](http://www.wingits.com)

- A) Supply all products from a single manufacturer.
- B) Substitutions: Not Permitted.

## 2. MATERIALS

- A) Austenitic Stainless Steel.
- B) FR-110 Fire retardant structural plastics.

## 3. PROPRIETARY PRODUCTS

- A) WingIts Fastening Systems.
- B) Installation of bathroom accessories via “Blind Fastening” to exceed construction codes including Grab Bars & Safety Railings.

## 4. WINGITS FASTENING SYSTEM -

- A) WingIts Grab Bar Fastening System exceeds all criteria set forth in ASTM F 446.
  - 1) **Wing Assembly** made from ½ hard Austenitic Stainless Steel and formed to create a conical shape when installed.
  - 2) **Wing Tips** have foot pads made from malleable, chemical/moisture resistant, structurally stable plastic (durometer A 85). A stainless steel weld nut is applied to the base of the **Wing Tips**.
  - 3) A circular **Faceplate** (0.125” x 2.75”) made from Austenitic Stainless Steel is tapped with 10-32 holes and a center aperture to receive ¼ -20 screw. The back of the faceplate has 3M® 4915 VHB (very high bond) closed cell waterproof double sided tape applied and a 0.062” x 1.25” Austenitic Stainless Steel tubing assembly welded (minimum length 0.625”) to solidify the aperture created for installation and allow the ¼ -20 screw to be self centering.
  - 4) ¼ -20 Stainless Steel Machine Screw with nylon washer to attach the Faceplate to the Wing Assembly. Accessories - 10-32 x ¼” Stainless Steel machine **screws** with stainless steel washers.

## 1. GRAB BARS

- A) Austenitic Stainless Steel Grab Bars exceed and are produced in compliance with ASTM A207 and ASTM A269 ; minimum 18 gauge tubing with formed 1-1/2 inch radius return to wall at each end; welded to minimum 11 gauge Austenitic Stainless Steel Flange with Austenitic Stainless Steel Flange Covers.
- 1) Austenitic Stainless Steel Grab Bars are available in standard and special sizes, refer to manufacturer's catalogue.
  - 2) Austenitic Stainless Steel Grab Bars are available with satin, high polish, knurled, peened, Rippled™, AntiSlip™ and custom surface finishes.
  - 3) Austenitic Stainless Steel Grab Bars are available in a myriad of polyester paint finishes.
  - 4) Austenitic Stainless Steel Grab Bars are available with LIFETIME WARRANTY Metallic Finishes. Plasma Vapor Deposit (PVD) Surfaces are available in BRASS, COPPER, NICKEL, BRONZE, etc.
- B) Seamless Nylon Products exceed European 'TUV' Specifications and all American Structural guidelines. Seamless nylon products are made from zinc plated steel tubing and 0.25" thick flexible nylon.
- 1) Seamless Nylon Products are available in a myriad of polyester paint finishes.
  - 2) Seamless Nylon Products are available in standard and AntiBacterial™ finishes.

**PART 3 EXECUTION**

## 1. EXAMINATION

- A) Compliance: Comply with manufacturer's product information, including all technical data and instructions.
- B) Site Verification: Verify substrate conditions, which have been previously installed, to insure that conditions are acceptable for product installation in accordance with the manufacturer's instructions.
- C) Installer must inform the Architect in writing immediately upon discovery of inappropriate field conditions.
- D) Installation indicates the installer's acceptance of all existing conditions.

## 2. INSTALLATION

- A) Install Winglts Grab Bar Fastening Systems and Winglts Grab Bars in accordance with manufacturer's installation instructions.
  - B) Locate Grab Bars at locations specified in American with Disabilities Act Accessibility Guidelines (ADAAG) and Safety Railings per Permanent Railings.
3. ADJUSTING AND MAINTENANCE
- A) Adjust and maintain products as per manufacturer's specifications or as necessary.
4. CLEANING
- A) Clean surfaces in accordance with manufacturer's recommendations.
5. PROTECTION OF INSTALLED PRODUCTS
- A) Protect products from damage caused by subsequent construction activities.
  - B) Field repair of damaged product finishes is prohibited; replace products having damaged finishes caused by subsequent construction activities.

END OF SECTION

**NOTE TO SPECIFIER:**

Choose and modify the above document to meet the individual job specifications and requirements. Call the manufacturer to discuss specific products, applications, and specifications.

Winglts, LLC

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