

## 07 71 23 – Manufactured Gutters and Downspouts

# Duragutter

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[duragutter.com](http://duragutter.com)

### Extruded Aluminum Gutter Specification

## PART 1 — GENERAL

### 1.1 SUMMARY

A. Section includes: Duragutter extruded aluminum gutter system with profiles, concealed connector pins, joint tape kits, end closures/plugs, outlets, optional leaf guards, and optional integral flashing.

B. Reference information for design and installation is available on the manufacturer's website:

1. **Installation Page** with profile-specific guides and videos.
2. **Planning & Installation Guide** (system overview; lengths; finishes; accessories).
3. **Profile pages** (Traditional and Modern profiles).
4. **CAD/PDF drawings** for each profile.

### 1.2 SUBMITTALS

A. Product Data: Manufacturer's Planning & Installation Guide showing chosen profiles, standard lengths, finishes, and required parts.

B. Shop Information: Layout of gutter runs, outlets, end conditions, and needed accessories.

C. Drawings: Provide applicable CAD/PDF profile details.

D. Installation Information: Confirm installer has access to profile-specific Installation Guide(s) and videos.

### 1.3 QUALITY ASSURANCE

A. Basis of Design: Duragutter, Reinvent LLC. Website: [duragutter.com](http://duragutter.com).

B. Installer: Must review the manufacturer's Planning Guide and Installation Guide(s) and videos before commencing work.

## **1.4 DELIVERY, STORAGE, AND HANDLING**

A. Deliver in original packaging. Store dry, supported, and protected from damage. All sealants and adhesives must be protected from freezing. If using fork lift or telehandler, pad forks to avoid damaging finished surfaces of gutters. Do not slide gutters against each other or other materials.

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# **PART 2 — PRODUCTS**

## **2.1 MANUFACTURER**

A. Duragutter (Reinvent LLC), as described on [duragutter.com](http://duragutter.com).

## **2.2 SYSTEM DESCRIPTION**

A. Extruded aluminum gutter system with concealed aluminum connector pins, pre-cut butyl joint tape kits, adhesive/sealant, stainless screws, outlets, end caps, internal plugs, and optional accessories.

B. Profiles:

1. Traditional: OG-5, OG-6, FB, GR.
2. Modern: SQ, TL, TR, WG, KE.

## **2.3 MATERIALS & ACCESSORIES**

A. Stock Lengths:

1. 25': OG-5, OG-6, FB, SQ, TR, GR.
2. 24'-6": WG, KE, TL.
3. Longest powder-coated length: 29'; longer lengths available by inquiry.

B. Connector Pins: Aluminum pins, glued into internal grooves (straight, angled, or flexible wire for special angles).

C. Joint Tape: Pre-cut butyl kits.

- D. Adhesive: 2P-10 with activator.
- E. Sealant: Dicor sealant used in fastener holes, end caps, plugs, and at joints.
- F. End Caps: 1/8" aluminum with countersunk holes.
- G. Internal Plugs: PVC plugs in profile-specific shapes.
  
- H. Fasteners: 3" stainless screws with rubber washers.
- I. Leaf Guards (Optional): Snap-in PVC or stainless micro-mesh.
- J. Integral Flashing (Optional): Pre-bent flashing locking into gutter groove; stocked in black/white; Drexel Metals colors available; 10' lengths.

## 2.4 FINISH

- A. Powder Coat: IFS super durable polyester powder finish. Manufacturer states it meets/exceeds AAMA 2604. Stocked in white and/or black, with custom colors available. Gutters may also be field painted per Duragutter instructions.
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# PART 3 — EXECUTION

## 3.1 EXAMINATION

- A. Verify fascia/sub-fascia condition, layout, and any build-out. Mark rafter locations if applicable.
- B. Coordinate with roofing and flashing work.

## 3.2 PREPARATION

- A. Create a cut plan and joint layout before installation.

## 3.3 INSTALLATION

- A. Install complete system according to manufacturer's **profile-specific Installation Guides and videos** on the Duragutter website.
- B. Use only accessories and methods described in the Planning & Installation Guides.

## 3.4 CLEANING AND PROTECTION

- A. If necessary, clean exposed surfaces with mild detergent and rinse with clean water. Installer may protect finish with optional protective film until the project is complete.