



# Wind Resistant Gutter

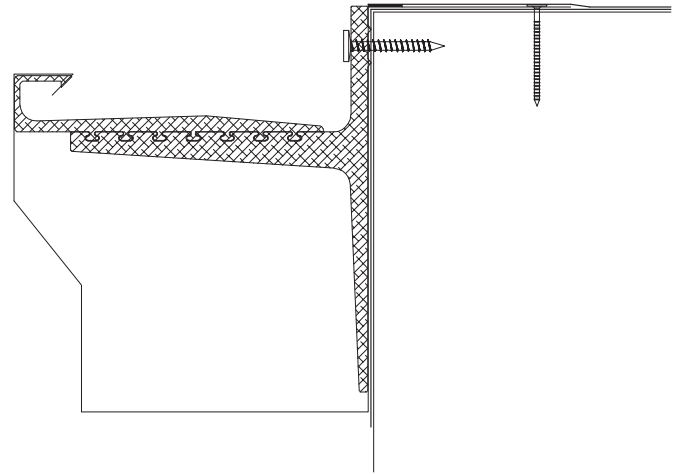
## PRODUCT DATA SPECIFICATIONS

### PRODUCT DESCRIPTION

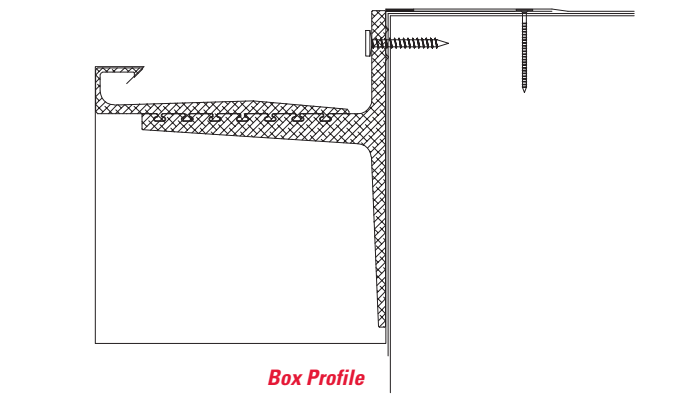
Wind Resistant Gutters are specifically engineered and tested to meet the requirements of the ANSI/SPRI GT-1 Standard for Gutter Systems Used with Low-Slope Roofs. The gutter system incorporates a 1-in. wide, 2 piece extruded aluminum internal gutter bracket for strength and support. The bracket also reduces telegraphing of the metal due to expansion and contraction of the gutter during temperature changes.

### FEATURES & BENEFITS

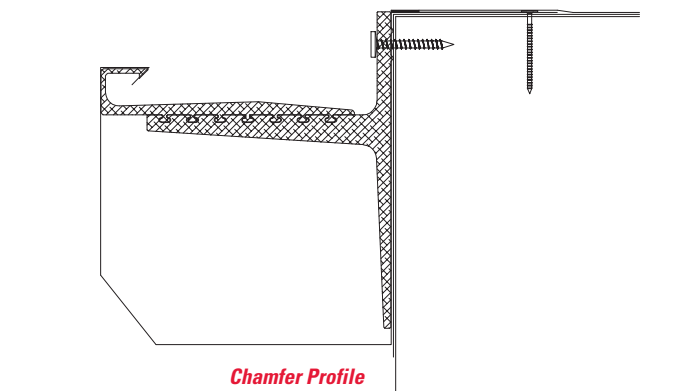
- Extruded 1-in. wide aluminum bracket.  
Designed specifically to strengthen the gutter in order to meet the requirements of the ANSI/SPRI GT-1 Standard. Bracket is a two-piece system allowing 1/2-in. size increments in the width of gutter.
- Custom sized formed gutter available in a variety of profiles to fit your special requirements.
- Standard profiles (seen on the right) available for a professional appearance on the building exterior.
- Full internal concealed splice.  
Made from the same metal and finish as the gutter cap creating a smooth unbroken and color-matched appearance.
- Pre-punched holes.  
Allow proper spacing of fasteners and quick installation.
- Factory Fabricated accessories.  
Corners, end caps, expansion joints and other accessories are cut, bent and welded to expedite installation time.
- ANSI/SPRI GT-1 tested and fully warranted against blow off.  
Tested, certified, and approved to withstand peeling effects of strong winds. Manufacturer's 20-year, 110 mph wind warranty.
- Factory Mutual Approved  
- Tested to maximum gutter rating of 1-90



*Offset Profile*



*Box Profile*



*Chamfer Profile*



EdgeSystems



# Wind Resistant Gutter

## INSTALLATION PROCEDURE

### SPECIFICATIONS *(short form)*

OMG's Wind Resistant Gutters are specifically engineered and tested to meet the requirements of the recently developed ANSI/SPRI GT-1 Standard for Gutter Systems Used with Low-Slope Roofs. The gutter system incorporates a 1-in. wide extruded internal gutter bracket for strength and support. The bracket also reduces the torque of the metal with expansion and contraction in temperature changes. (see front)

Front edge of gutter should be 1-in. lower than the back. Internal extruded brackets are supplied based upon 24-in. centers. Install the concealed splice plates with compatible sealant. Figure an expansion joint every 40 feet for long runs. (see front)

### DESCRIPTION

OMG Wind Resistant gutters are fabricated from either .040, .050 .080-in. aluminum or either 24 gauge or 22 gauge prefinished steel. Gutter section length is 10-ft. (3048 mm) with 6-in. wide concealed splice plates. Extruded aluminum brackets are installed with the provided #14 x 1.5-in. Universal Fasteners.

### INSTALLATION PROCEDURES

*This is a general outline. Refer to our full installation guide for details.*

#### Preparation:

The roof edge must be level and wood nailers must be straight.

Determine downspout outlet locations and field cut hole in the gutter bottom. Insert outlet tube in hole, apply bead of non-curing sealant to the flange and fasten with two pop rivets from the outside.

Locate corners and/or end caps for the appropriate locations and secure to the roof

edge using 1-1/2-in. stainless steel ring shank nails (provided) in every other pre-punched hole. Install straight lengths beginning from end cap or corner and work inward to the center. Allow 1/4-in. gap between gutter sections for thermal expansion. Locate the joint splices and apply a continuous bead of non-curing sealant to both sides of the joint. Secure the joint splice by pop riveting to the high side of the joint. Install the gutter brackets by installing the base of the two piece bracket first. Secure in place using the #14 x 1-12-in. universal fastener (provided). Hook the top piece of the bracket on the face lip of the gutter. Apply a bead of Loc-Tite (provided) to the top bracket and the base slide until they are aligned.

### FINISHES

- Natural mill aluminum
- Pre-coat Kynar 500® — industry standard two coat colors
- Post-coat Kynar 500 — colors requiring multiple coats or protective clear coats
- Anodized aluminum – clear, bronze and black

### GUARANTEE

A. Manufacturer's Standard Warranty: Materials shall be free of defects in material and workmanship for five years after shipment. If, after inspection, the manufacturer agrees that the materials supplied by them are defective, the manufacturer shall at their option repair or replace them.

B. Decorative Finish Warranty *(consult Manufacturer).*

C. Special Performance/20-Year Excel Warranty: Manufacturer shall guarantee that a standard size roof edge system, when installed per manufacturer's instructions, will not blow off, leak, or cause membrane failure, even in wind conditions up to 110 mph, or the manufacturer shall at their option.

D. FM approved 1-90 Rating

### TECHNICAL SERVICES

Engineering and shop drawings are available from the factory. Product samples, detail sheets, color chips and color charts are ready for your submittal package. CAD details are available. For personal assistance with questions or submittals, contact your local OMG representative.



## EdgeSystems

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