



RAIN REMOVAL  
SYSTEMS  
GUTTERS & DOWNSPOUTS



GUTTERS &  
DOWNSPOUTS  
FOR YOUR  
**HOME**



ALCOA  
HOME EXTERIORS





# ALCOA RAIN REMOVAL SYSTEMS

## *Gutters & Downspouts for Your Home*

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The finest rain removal system made .....5

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## R A I N   R E M O V A L   S Y S T E M S

There are two important things you need to know about selecting the right gutters and downspouts for your home.

First, you need a proven system engineered to deliver long-lasting protection against the elements. Then you need to make sure that system works just as hard during the sunniest of days to enhance your exterior design.



Alcoa's patented rain removal systems are engineered to:

- Ensure efficient handling of precipitation with adequate drainage
- Effectively direct water away from a home's foundation
- Reduce the chance for leaky basements, eroding foundations, driveways, walkways or landscaping
- Support heavy ice and snow loads
- Expand and contract with the temperature

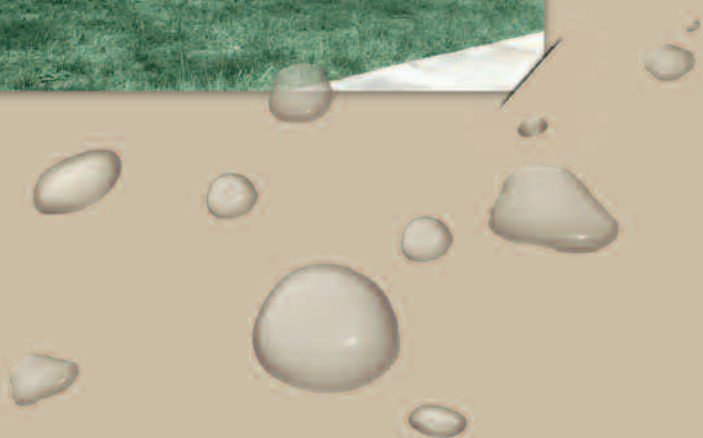
## *the perfect protection*

Whether or not the weather turns rainy, be ready for your home to look its best with the strong, beautiful, patented rain removal systems from Alcoa. They wrap seamlessly around your home, while they vibrantly wrap up your complete exterior design look.



And Alcoa's unique **DreamColor™** system allows you to choose high style and colorful impact with the largest color selection in the industry, including over 700 baseline colors.

## G U T T E R S   &   D O W N S P O U T S



# pour it on

HOW TO DRENCH YOUR HOME  
WITH DESIGN AND QUALITY



## ALCOA® ENVOY™ SECTIONAL GUTTER & ACCESSORIES

The finest rain removal system made. A superior gutter design with more than three decades of proven experience, Alcoa® Envoy™ continues to set the industry standard. Beautiful, durable and an economical alternative to “seamless” gutters.

- Coated with Alcoa’s exclusive AlumaLure 2000® smooth finish
- Features premium thickness for extraordinary strength – nominal .032 thickness
- Available in two designer profiles:
  - 6" OG Gutter in 21' and 37' lengths
  - 5" OG Gutter in 16', 21', 26', 33' and 37' lengths
- Free-floating hanger system assures buckle-free performance
- Features a two-coat interior for added resistance to perforation
- Premium accessories include heavyweight downspouts, elbows and Alcoa-branded endcaps
- Available in nine popular colors and more than 700 DreamColor™ hues
- Use with Leaf Relief® free-floating hangers for the ultimate gutter system
- Backed by Alcoa’s lifetime warranty









# unroll high quality



## ENVOY™ GUTTER COIL and ENDURANCE™ GUTTER COIL

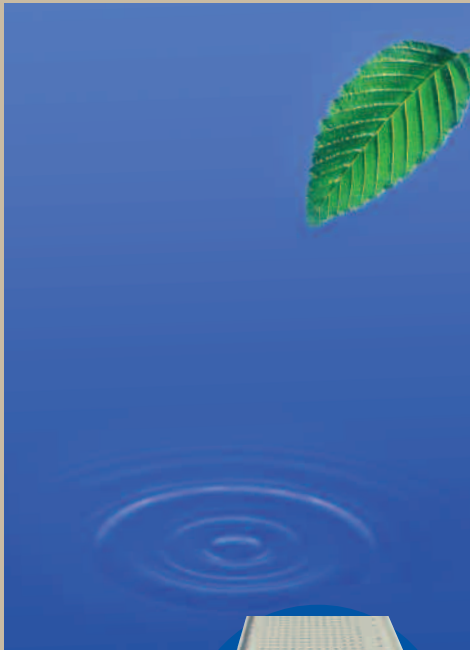
Two choices for maximum flexibility and quality performance. **Envoy™ Gutter Coil** is our finest, thickest gutter coil that makes any rain removal system a premium system. **Endurance™ Gutter Coil** delivers the same performance with a more economical metal thickness. And both are available in Alcoa's comprehensive **DreamColor™** color selection, complemented with downspouts and accessories for a beautiful, durable solution for rain removal.

- Envoy™ has nominal .032 thickness; Endurance™ has .027 thickness
- Coated with Alcoa®'s exclusive AlumaLure 2000® smooth finish to prevent fading
- Coil widths available for any machine to form:
  - 5" and 6" gutters in more than 15 popular colors
  - 5" and 6" gutters in nine select colors with white on reverse side
  - Endurance™ coil available in more than 700 DreamColor™ hues
- Full line of accessories available for any installation, including downspouts, elbows, and end caps
- Backed by Alcoa®'s 20 year warranty





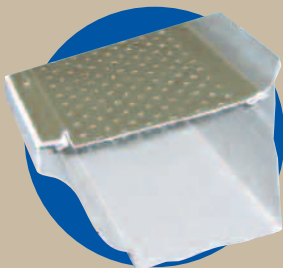
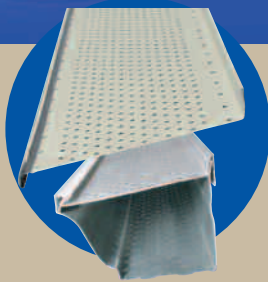
# quick relief from the leaf



## LEAF RELIEF® GUTTER PROTECTION

The patented design allows water to flow freely while debris is lifted away from gutters with a gentle breeze. *It's Gutter Protection That Really Works.*

- Nominal .019 thickness
- Available profiles
  - 5" and 6" new gutter systems
  - 5" and 6" retro-fit for most existing gutter systems
  - 5" and 6" retro-fit copper for most existing gutter systems
- Keeps debris out of gutters
- Never overflows due to clogged gutter interiors
- Features durable aluminum construction with Aluma-Perf™ Technology, allowing water to flow as small debris is blown away
- Replaces hangers on new gutter system
- Backed by our "Never Clogs, Never Overflows" 10-year warranty. See warranty for details.





INTRODUCING  
**DREAMCOLOR™**



Explore what the right color of gutter and downspouts can do for your roofline and siding.

**Top:** The Classic Solution – Match the white gutter and downspout to the trim for fresh, clean look.

**Mid:** The Contemporary Contrast – Add drama by going two shades darker than your siding.

**Bottom:** The Sophisticated Edge – Push the interest higher with a tone on tone treatment that meets roof and siding in the middle.



imagine virtually  
any color,  
any shade,  
any tone.



With Alcoa's **DreamColor™** for your gutters and downspouts, your contractor can show you a baseline of over 700 colors to choose from, plus the option to custom match almost any color of the rainbow from your own color sample.

Selecting the right color combination of siding, shutters and rain removal system can add classic lines, a contemporary feel or even a more sophisticated appeal.

And if you need more inspiration, you can have Alcoa's professional designers complete a design recommendation for you at Studio A. Simply log in to [www.AlcoaHomes.com](http://www.AlcoaHomes.com) for complete details, or contact your Alcoa contractor.

Choose **DreamColor™** for your Alcoa Rain Removal Systems and add a new level of distinction, architectural interest and detail to your home.



# Alcoa Rain Removal Systems Specifications

Alcoa Sectional Rain Removal Systems are designed for use in residential and light commercial applications.

## MANUFACTURING PHYSICALS

All Alcoa Rain Removal Systems are made of 3105 aluminum sheet (minimum tensile strength 26,000 psi – minimum yield strength 22,000 psi) or equivalent. Alcoa Rain Removal Systems are designed to be free-floating, enabling the gutters to expand and contract with temperature changes, while minimizing stress points which cause buckling and leaks.

Alcoa Gutters, when properly installed, will support a minimum of 50 pounds (22.7 kg) per lineal foot. Six different types of free-floating hanger systems are available in the 5" (127) series, and four hanger systems are available in the 6" (152.4) series. These hanger systems permit the gutter to be used in both new construction and all types of remodeling work. Gutter hangers to be nominal .051" – .082" (1.3 – 2.1) thickness, depending on the style specified.

All hanger systems provide a concealed attachment at the front of the gutter, eliminating any exposed protrusions that would detract from the appearance of the gutter. Spikes and ferrules (which restrict the movement of the gutter) and brackets attached to the outside periphery of the gutter shall not be used.

Two different types of high-quality, corrosion-resistant Rain Removal Systems are available.

## SYSTEM DESCRIPTION

Envoy™ 5" is a premium-quality system used in single-family homes and light commercial building applications. Available with a heavier gauge material in both 2" x 3" (51 x 76) and 3" x 4" (76.2 x 101.6) downspout sizes to accommodate most rain removal requirements.

Envoy™ 6" works best on large homes where a bigger system will enhance the architecture, or apartments, multi-family complexes and other light commercial buildings. Designed to be a heavy-duty, large-capacity rain removal system, it is available with a 3" x 4" (76 x 102) downspout.

## DIMENSIONS

### Gutters:

Envoy™ 5": nominal .032 (.813) thickness, 16'0" (4877), 21'0" (6401), 26'0" (7925), 33'0" (10058) and 37'0" (11278) lengths, six hangers

Envoy™ 6": nominal .032 (.813) thickness, 21'0" (6401) and 37'0" (11278) lengths, four hangers

### Downspouts:

2" x 3" (51 x 76): nominal .024 (.610) thickness, 10'0" (3048)

3" x 4" (76 x 102): nominal .024 (.610) thickness, 10'0" (3048)

## ACCESSORIES

All accessories used with Alcoa Rain Removal Systems shall be Alcoa Accessories designed for use with the gutters and will have the same finish. Mill finish accessory components include eave tubes, hangers and expansion joints.

Roof aprons: nominal .027 (.686) thickness

End caps: nominal .024 (.610) thickness both in the Envoy™ 5" and the Envoy™ 6"

Inside and outside mitres: nominal .032 (.813) thickness

Sealant material: Alcoa Gutterseal

Expansion joints: Aluminum lined with neoprene

Downspout clip: nominal .024 (.356) thickness

Note: All measurements noted in ( ) are in millimeters (mm).

## PROTECTION

Direct contact of aluminum products with certain dissimilar materials, or contact with water run-off from dissimilar materials, is likely to result in corrosion. See warranty and installation instructions for more details.

## WARRANTY

Alcoa Sectional Rain Removal Systems are backed by an exclusive Registered Medallion Lifetime-Limited Warranty. Consult actual product warranty certificates for complete coverage details.



For more creative ways to look at your home,  
check out Alcoa's full line of product brochures,  
including Alcoa Siding, Mastic Siding, Designer Accents,  
and Shutters & Window Treatments.



**ALCOA**

**HOME EXTERIORS**

Omega Corporate Center  
1590 Omega Drive  
Pittsburgh, PA 15205

**1-800-962-6973**

**[www.alcoahomes.com](http://www.alcoahomes.com)**