



DesignEdge<sup>™</sup> is a revolutionary line of edging that has been engineered to be formed freely to create garden art and planting areas of any shape. Use DesignEdge to create art, logos or uniquely shaped planting areas in commercial or residential landscapes. A unique, patented design allows pieces to slide together, making continuous designs possible.

- DesignEdge can be used to create virtually any shape imaginable. This versatility makes it a unique product that can be used in any number of applications.
- Engineered to provide for an effortless installation. DesignEdge is easy to form to the desired shape, and will retain the shape for a lifetime.
- An over-the-top stake design assists in keeping DesignEdge in place while the design is being executed. The stake also helps ensure that your design will last for many years to come.



## 1. Product Name

Permaloc DesignEdge

## 2. Manufacturer

Permaloc Corporation

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## 3. Product Description

DesignEdge is a revolutionary line of edging that has been engineered to be formed freely to create garden art and planting areas of any shape.

Use DesignEdge to create art, logos or uniquely shaped planting areas in commercial or residential landscapes. A unique, patented design allows pieces to slide together, making continuous designs possible.

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### SIZES

DesignEdge is available in .060" thickness by 3-1/2" depth. Sections available in 4' lengths.

### FINISHES

Finishes include: Mill (natural aluminum), Black Anodized.

### STAKES

#### STAKES

Heavy 8" aluminum stakes are included with each section and anchor the edging to the ground.

Each 4' section includes 2 stakes.

### CONNECTION

Our unique sliding connection system eliminates possible weak points in the system.

## 4. Technical Data

### GENERAL

Manufactured of 6063 Alloy containing Silicon and Magnesium as the major alloying elements, contributing to good strength, corrosion resistance, weldability, and machinability.

According to the Aluminum Extruders Council (AEC) publication Extrusion Spotlight Alloys, aluminum alloyed in the 6XXX series contain the following desirable properties:

1. Very lightweight, one-third that of steel

2. High strength, comparable to steel and steel/concrete composites.
3. Strength and ductility as high or higher at sub-zero temperatures than at room temperature.
4. Exceptional corrosion resistance.
5. Ease of fabrication by many techniques, including extrusion, to unique advantageous structural configurations. This publication can be found at [www.aec.org](http://www.aec.org).

### EXTREME LOW TEMPERATURE

The many advantages of extruded aluminum are not impaired by exposure to low temperatures. Aluminum actually gains strength as temperature is reduced, making it an appropriate metal for low temperature applications.

### ULTRAVIOLET RADIATION

Aluminum reflects ultraviolet radiation and is not damaged by it. Sunlight includes ultraviolet (electromagnetic) radiation which may cause chemical or structural changes in some commercial materials.

### COMBUSTABILITY

Extruded aluminum will not burn, which makes it safer than many other materials, such as wood, paper, or plastic for design applications. Extruded aluminum does not emit any toxic, hazardous fumes when exposed to high temperatures.

## 5. Installation PREPARATION

Ensure that all underground utility lines are located and will not interfere with the proposed edging installation before beginning work. Locate border line of edging with string or other means to assure border straightness and curves as designed. Dig trench 1 inch deeper than set of edging bottom.

### PLACEMENT

Set edging into trench with top at 1/2 inch above compacted finish grade on turf side. Drive stakes over top of edging to secure. A stake is recommended at each connection point. Requires 2 stakes evenly spaced for each 4' section. Provide additional stakes as necessary to firmly secure edging for permanent intended use.

### CORNERS/ANGLES

Where edging sections turn at corners or angled runs, use hands or other object to form edging to desired shape. Edging can be hand formed to curves or intricate angles and shapes with minimal effort.

### BACKFILLING AND CLEANUP

Backfill both sides of edging, confirm and adjust if necessary that sections are securely held together, and compact backfill material along edging to provide top of edging at 1/2 inch (12.7 mm) above turf finish grade. Cleanup and remove excess material from site.

## 6. Availability & Cost

### AVAILABILITY

Product is supported by a global network of distributors. Consult manufacturer for information on local availability.

### COST

Information regarding budget and installed costs can be obtained from the manufacturer.

## 7. Warranty

15-year limited material warranty for edging from manufacturing defects in workmanship or material. Contact manufacturer for more information on warranty terms.

## 8. Maintenance

Permaloc edging systems typically require maintenance only in the event that the landscape design is changed.

## 9. Technical Services

Permaloc Corporation works closely with the specifier to ensure the appropriate products are chosen for the application. For technical assistance, contact the manufacturer.

## 10. Filing Systems

Additional product information is available from the manufacturer at [www.permaloc.com](http://www.permaloc.com) or by calling 1.800.356.9660.

