



PermaStrip<sup>™</sup> is a series of semi-rigid, L-shaped aluminum maintenance strips specifically designed to make straight runs and gentle curves bordering buildings, fences, and maintenance areas. PermaStrip is easy to install in perfectly straight applications or gentle curves, and is designed to maintain its integrity over the lifetime of the project.

- PermaStrip's unique "L" shape is engineered to allow the aggregate material to be installed over the top of the horizontal base, resulting in an integrated installation.
- Regular landscape edging is designed to be flexible to form curves in bedding areas. When installed in a straight line, these products become wavy and unsightly. PermaStrip eliminates this problem by utilizing a rigid L-shape profile.
- PermaStrip uses a unique, sliding connection system that provides quick alignment of sections during installation and eliminates any possibility of separation.





**1. Product Name**

Permaloc PermaStrip

**2. Manufacturer**

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**3. Product Description**

Permaloc PermaStrip is a rigid, L-shaped aluminum maintenance strip specifically designed to make straight runs bordering buildings, fences and other maintenance problem areas.

PermaStrip is engineered to eliminate the unsightly, wavy look that traditional landscape edgings cause when installed in a straight line. While those edgings are flexible for curves, PermaStrip utilizes its L-shape for extra rigidity along straight runs.

PermaStrip allows the aggregate material to be installed over top of the horizontal base resulting in an integrated installation.

PermaStrip is easy to install in perfectly straight runs or gentle curves.

**SIZES**

PermaStrip is available in 1/8" or 3/16" thickness by 3-1/2", 4", or 6" depths. Sections available in 8' or 16' lengths.

16' Lengths have a solid base, while 8' sections are notched to allow for flexibility in forming curves.

**FINISHES**

Finishes include: Mill (natural aluminum), Black DuraFlex (electrostatically applied, baked on paint).

Heavy 12" aluminum stakes are included with each section and lock in to the edging securely anchoring it into the ground.

Each 16' section includes 8 stakes, while each 8' section includes 3 stakes.

When necessary, longer stakes are available and may be upgraded to 18" or 24" lengths.

**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 and concrete. 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 with side having loops for stakes placed on opposite side of turf. Drive stakes through edging loops until locked in place. Requires 8 stakes evenly spaced for each 16' section, or 3 stakes evenly spaced for each 8' section. Longer stakes, heavier gage stakes, or any combination of previously mentioned as necessary to firmly secure edging for permanent intended use.

**CORNERS/ANGLES**

Where edging sections turn at corners and at angled runs, cut "V"-notch in base ("V"-notch required on inside corners only), and then cut edging partially up through its height from

bottom and turn back to desired angle.

**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. Clean-up 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 landscape edging from manufacturing defects in workmanship or material. Contact manufacturer for more information on warranty terms.

**8. Maintenance**

Permaloc edging systems typically only require maintenance 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.

