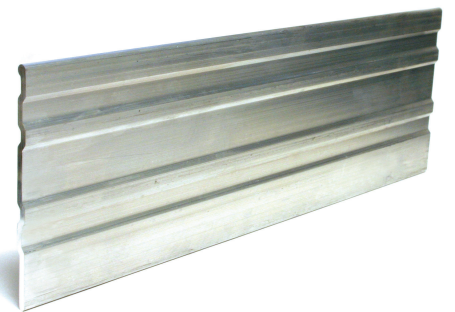




CleanLine[™] is a complete series of commercial grade aluminum landscape edgings designed to function in professional landscapes. CleanLine is engineered to maximize design sustainability by withstanding the demands of professional lawn maintenance and high volume pedestrian traffic. Exceptional flexibility allows graceful curves and angles to be readily formed.

- CleanLine is engineered to allow for effortless installation and creates a beautiful, clean edge in any landscape.
- Designed with a unique, patented stakeless connection system that snaps down to permanently interlock adjacent edging sections - eliminating horizontal separation or possible weak points.
- Includes heavy-duty 12" interlocking aluminum stakes that securely anchor it into the ground, providing long-term retention and ensuring that your designs will stand the test of time.



1. Product Name

Permaloc CleanLine

2. Manufacturer

Permaloc Corporation
13505 Barry Street
Holland, MI 49424
Ph: 616.399.9600
800.356.9660
Fax: 616.399.9770
Email: info@permaloc.com
www.permaloc.com

3. Product Description

Permaloc CleanLine is a complete series of commercial grade aluminum landscape edgings designed to function in professional landscapes.

CleanLine is engineered to maximize design sustainability and provide long-term durability by withstanding the demand of professional lawn maintenance and volume pedestrian traffic.

A unique patented, stakeless connection system snaps down to permanently interlock adjacent edging sections eliminating possible weak points.

The Permaloc system speeds installation while providing long-term retention ensuring that landscape designs will stand the test of time.

SIZES

CleanLine is available in 1/8" or 3/16" thickness by 3", 4", 5-1/2" depths. Sections available in 8' or 16' lengths.

FINISHES

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

STAKES

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

Each 16' section includes 5 stakes, while each 8' section includes 3 stakes. The 16' sections also allow for additional staking 2' on center.

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

CONNECTION

Our patented interlocking Snap-Down connection eliminates possible weak points in the system. Our permanent connection is stakeless, and requires no additional parts or pieces.

ACCESSORIES

A Grade Change Connector and End Splice Adaptor are available.

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.

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 5 stakes evenly spaced for each 16' section, or 3 stakes evenly spaced for each 8' section with a total of 8 stake loops available in each 16' section if necessary. Provide additional stakes at approximately 24 inches apart, longer stakes, heavier gauge 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 or at angled runs, 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 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 or by calling 1.800.356.9660.

