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”, or 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.

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 subzero temperatures than at room temperature.
4. Exceptional corrosion resistance.
5. Ease of fabricating 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 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 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.

For additional specification information and drawings, please visit www.permaloc.com.