



CleanLine XL[™] is a series of extra deep, heavy-duty commercial grade aluminum landscape edgings, designed for applications with extreme demands. Engineered to maximize design sustainability and provide long-term durability, it is the preferred edging for areas with high volume pedestrian traffic, very large aggregates, or demanding conditions.

- Designed to be utilized in the landscape for deep separation, large aggregate retention, raised bed applications, green roof, urban walkways or other applications which require extra durability or depth.
- The unique XLR Adaptor allows for a secure, aesthetic connection of adjoining sections, as well as flexibility in staking options.
- Includes heavy-duty 18" interlocking aluminum stakes that securely anchor it into the ground, providing long-term retention and ensuring that designs stand the test of time.



1. Product Name

Permaloc CleanLine XL

2. Manufacturer

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3. Product Description

Permaloc CleanLine XL is a series of extra deep, heavy-duty commercial grade aluminum landscape edgings designed to function in professional landscapes.

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

The unique XLR Adaptor allows for a secure, aesthetic connection of adjoining sections, as well as flexibility in staking options.

CleanLine XL is designed to be utilized in the landscape for deep separation, large aggregate retention, raised bed applications, or other applications which require extra durability or depth.

SIZES

CleanLine XL is available in 5", 6", 8" or 12" depths. Sections available in 8' and 16' lengths.

FINISHES

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

STAKES

XLR Adaptors with heavy 18" aluminum stakes are included with each section and slide onto the edging, allowing it to be securely anchored into the ground.

Each 8' section includes 3 adaptors and stakes. Additional stakes may be added as desired.

When necessary, 24" stakes are available for securing the edging.

CONNECTION

Sections are connected using an XLR Adaptor to prevent possible weak points at the joint. For permanent connection, use screws to secure adaptor to edging.

ACCESSORIES

Additional XLR Adaptors may be used for increased stake placement or stacking additional sections for taller heights.

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 underground utility lines will not interfere with the 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 the edging into the landscape trench with the desired amount of edging exposed above what will become the compacted finish grade. 1/2" (12.5mm) above finished grade is recommended for most applications and areas where pedestrian traffic is possible. For raised bed applications set edging at the desired depth to allow for appropriate height of bed. (CAUTION: Edging installed more than 1/2" above grade may be considered a trip hazard and is not recommended in areas with pedestrian traffic.)

STAKING / CONNECTIONS

Slide three XLRs onto the edging section. Place one XLR near the beginning (first 6") of the edging section and secure with a stake for single section, or use as connector for two sections in a multipiece run. Space the two remaining XLRs equally along the edging section and secure with stakes.

CORNERS/ANGLES

Where edging sections turn at corners or angled runs, cut edging partially up through its height from bottom and turn back to desired angle. Pre-manufactured corners are also available.

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.

