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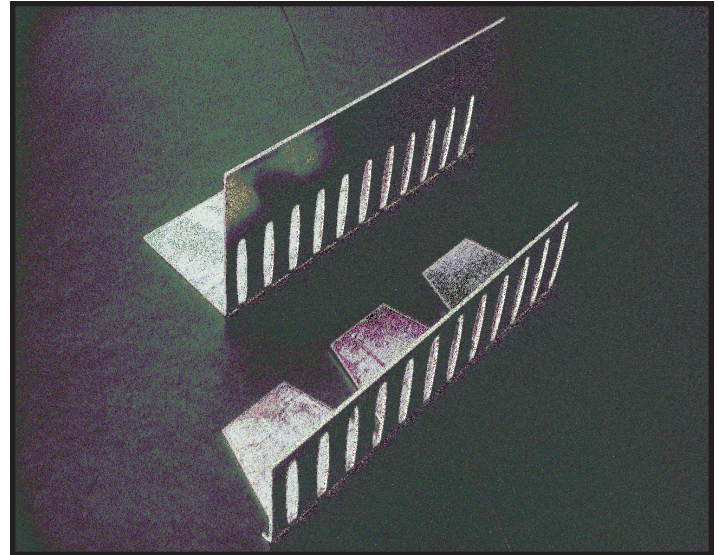
Greenroof • Roofscapes® GR Metal EdgingSM

PRODUCT DESCRIPTION

Greenroof • Roofscapes® GR Metal EdgingSM is available for edging 3 to 8.5 inches in height in mill finished 0.10 inch thick aluminum and 9 to 12 inches high in 0.125 inch thickness. This heavy duty edging system is offered in both straight and flexible 8 or 10 foot sections, ideal for addressing unusual edge configurations and fabricating smaller soil retention boxes around rooftop equipment and penetrations.

Edging flow rates can easily handle more than 20 times the rate required for a 10 year storm event in the heaviest rainfall areas of the U.S.

GR Metal EdgingSM comes in standard heights of 3.0 inches to 8.5 inches for the Straight Edging, and 3.5 inches to 8.5 inches for the FlexEdging. Each length of edging comes with a splice plate and the required fasteners. Inside and outside corners come in heights to accommodate the edging and are adjustable for fast and easy installation using 4-1/4"x20x3/4" stainless steel bolts with nuts and washers. Bolt sets are sold separately.



EDGING FEATURES

- All components are designed to meet or exceed the flow rate standards set by FLL and ASTM.
- Slot size is 2.5" x 0.25"; slot spacing is 1" o.c.; clips are 4" .100" thickness.
- A minimum of 40% recycled aluminum is used in the manufacture of GR edging.
- Special order with epoxy or powder coated finishes are available in a variety of colors.
- Custom fabrications are available.
- GR Metal Edgings can also be special ordered in 16 ga. stainless steel.

FLOW RATES COMPARISON

GR Metal Edging and 1 inch Drainage Mat			
	Depth	Factory Flow	Design Flow
GR Edge	1 inch	5.4 GPM/LF	2.7 GPM
One Inch Drain Mat	1 inch	21 GPM/SF	1.75 GPM

CALCULATION ASSUMPTIONS AND CREDITS

Assumed a flow rate of 3/8", to size the predicted flow rates of the edge restraint.

Assumed 1" of head to match standard of typical drainage course at full volume.

Large storm events, resulting in greater than 1" surface flow, will have a higher GPM rating.

Differentials in the hydrostatic pressure of varying roof media, and non-drainage course flow, are not calculated.

Model assumed 50% clogging of the orifice to guarantee flows over time and assume filter fabric will build up 50% clogging by particle matter.

Note

All statements, information and data given herein are believed to be accurate and reliable, but are presented without guaranty, warranty or responsibility of any kind, expressed or implied, except as may be indicated herein. Statements or suggestions concerning possible uses of our products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent.

INSTALLATION

GR Metal EdgingSM is installed over the membrane protection course. Mechanical attachment is generally not required.

Provide adequate ballast weight over horizontal flange.

PolyFelt 3.5 filter fabric should be draped over the GR Edging and trimmed after the installation is complete.

The Erosion Control Mat should be placed one foot inside and under the GR Edging before overburden is installed or outboard a minimum one foot under pavers or ballast.

ALUMINUM Straight Edging (common standard sizes)			
Mill Finish, H32 5052 Grade, 0.10" thick, slotted			
Product Number	Height	Flange Width	Length
GR 4.5H4.5W8	4.5"	4.5"	96" or 120"
GR 6.5H4.5W8	6.5"	4.5"	96" or 120"
GR 8.5H4.5W8	8.5"	5.5"	96" or 120"

ALUMINUM FlexEdging (common standard sizes)			
Mill Finish, H32 5052 Grade, 0.10" thick, slotted			
Product Number	Height	Flange Width	Length
GR 4-5H3.13W8	4.5"	3 1/8"	96" or 120"
GR 6.5H3.13W8	6.5"	3 1/8"	96" or 120"
GR 8.5H3.13W8	8.5"	3 1/8"	96" or 120"

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