

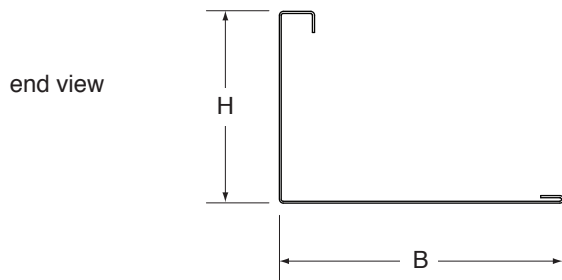
ALUMINUM EDGE

CT Aluminum Edge securely retains green roof planting media at roof edges and separates planting media from gravel or pavers. It is precision punched from a high-strength corrosion-resistant tempered aluminum alloy, then formed into a shape that offers greater structural strength than much thicker flat sheets or extrusions. Stock sizes are 3", 4", 6", 8" tall by 72" long (0.063" thickness), and 12" tall by 72" long (0.090" thickness).

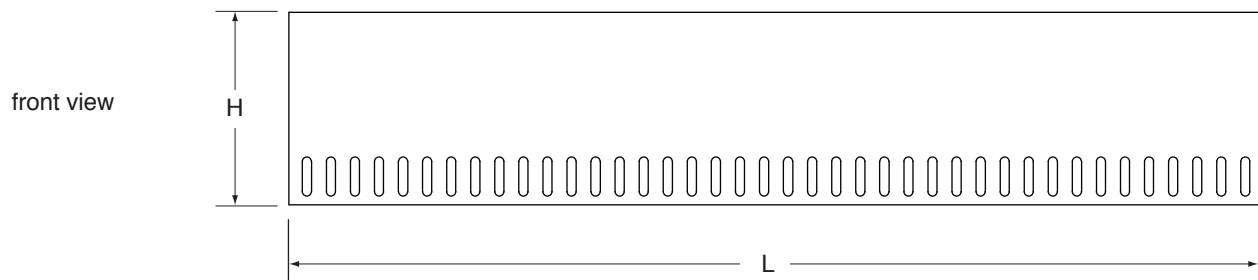
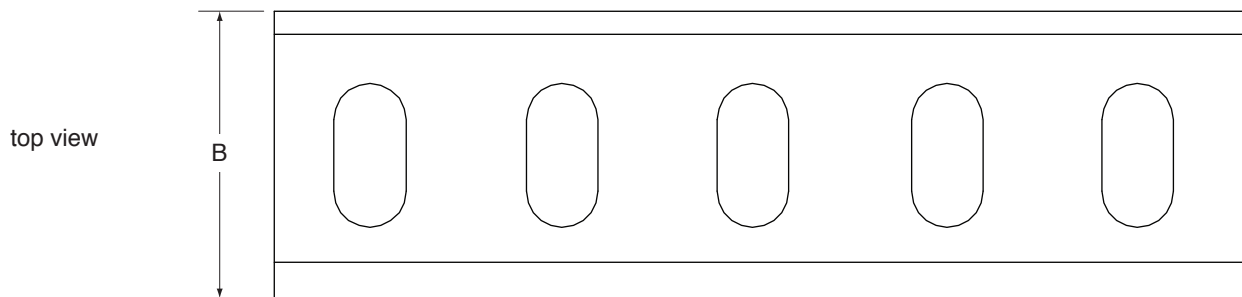
Slots in the vertical face are designed to optimize water drainage in the critical first inch off the roof while retaining virtually all green roof planting media. Large holes in the base permit penetration-free fastening to underlying waterproofing, root barriers, or geotextiles. Wide bases resist rollover, and optional diagonal braces are available to minimize bending under heavy soil loading. Prefabricated internal and external fittings provide strong, attractive corners. A unique connector slides into the folds of both the lineals and corners, locking the joints while accomodating thermal movement.



LINEALS

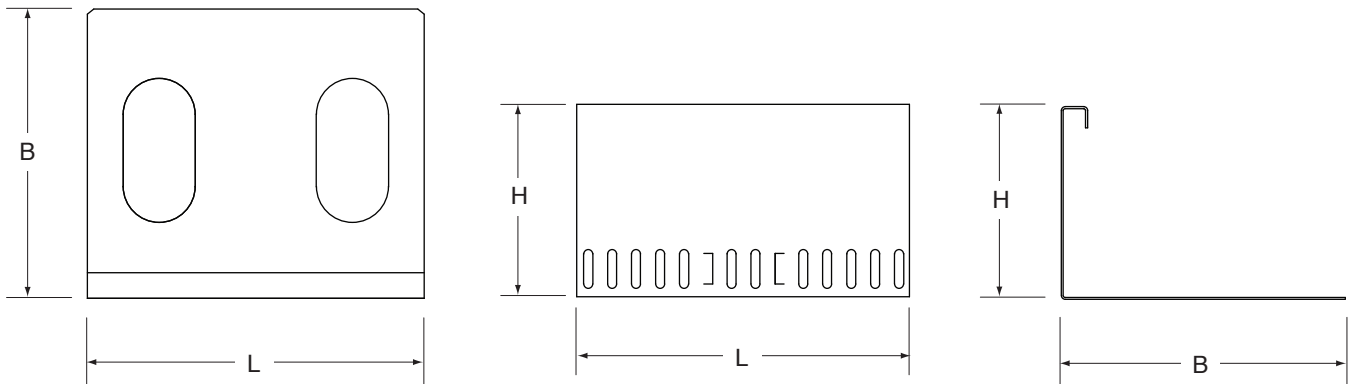
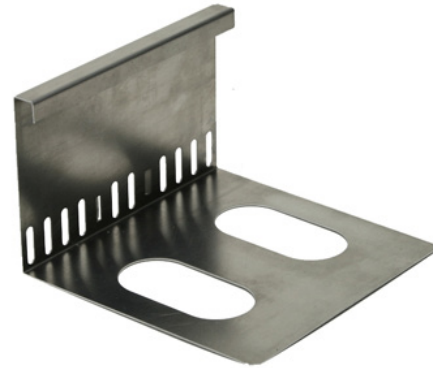


Height (H)	Base (B)	Length (L)
3" (75mm)	5" (125mm)	72" (183cm)
4" (100mm)	6" (150mm)	72" (183cm)
6" (150mm)	8" (200mm)	72" (183cm)
8" (200mm)	12" (300mm)	72" (183cm)
12" (300mm)	15" (375mm)	72" (183cm)



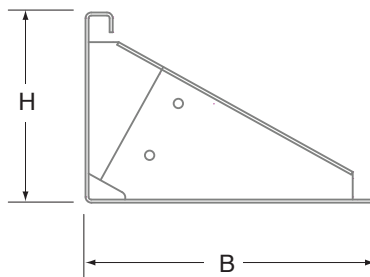
LOCKING CONNECTORS

Lengths of Aluminum Edge are invisibly joined by sliding the unique *Locking Connector* into the inverted J-fold in the vertical face and the U-fold in the base. Tabs in the connector snap into the slots in the vertical face, locking the adjacent edges without preventing thermal expansion and contraction. The connector has vertical and horizontal slots precisely punched to match the slots in the metal edge, so the drainage and fastening slots are not blocked. The length (L) of all connectors is 7" (175mm); the height (H) and base (B) dimensions match the corresponding dimensions for lineals.



DIAGONAL BRACES

Although the design of Aluminum Edge provides exceptional strength and stiffness, bending is unavoidable when the pressure on one side of the vertical leg is significantly higher than the pressure on the other side of the leg, for example the low side of a sloped roof. Sliding a *Diagonal Brace* into the folds of the aluminum edge largely eliminates this bending. In most cases it is sufficient to locate one brace 18" from each end of each aluminum edge. No fasteners are required. The height (H) and base (B) dimensions match the corresponding dimensions for lineals.

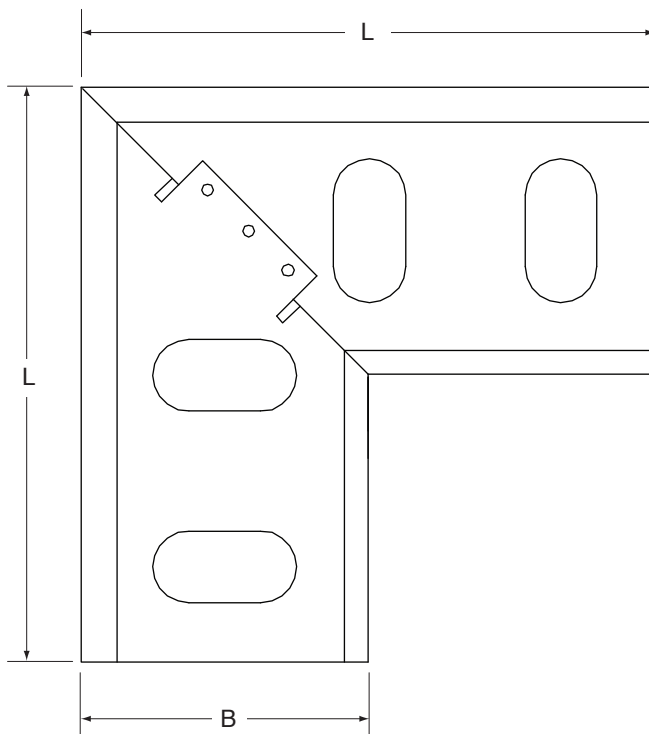


INTERNAL-FLANGE CORNERS

Prefabricated *Internal Flange Corners* precisely match the lineals and are joined with the same invisible locking connectors. They are extremely rigid and have the same large oval slots in the base as the metal edge that allow fastening to underlying waterproofing without penetrations. These features make them ideal for outside corners of both flat and sloped green roofs without structural parapets or curbs to retaining planting media. They are also ideal for boundary separators between planted areas and pavers where aluminum movement can be problematic. Other applications include custom drain enclosures and planter edges.

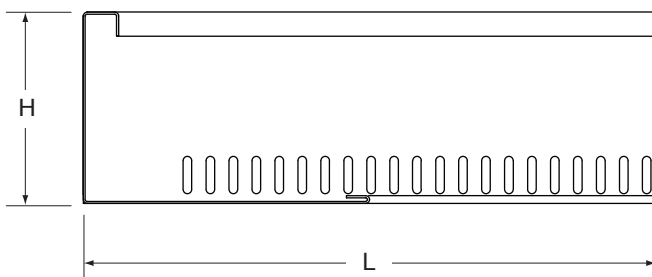


top view

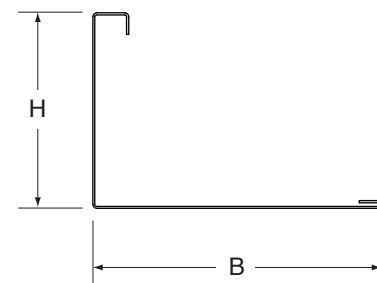


Height (H)	Base (B)	Leg (L)
3" (100mm)	5" (150mm)	12" (300mm)
4" (100mm)	6" (150mm)	12" (300mm)
6" (150mm)	8" (200mm)	16" (400mm)
8" (200mm)	12" (300mm)	16" (400mm)
12" (300mm)	15" (375mm)	18" (450mm)

interior view

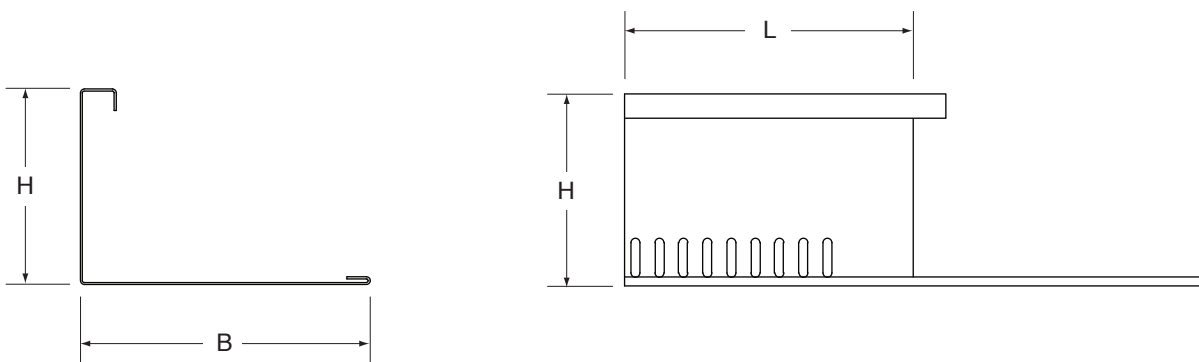
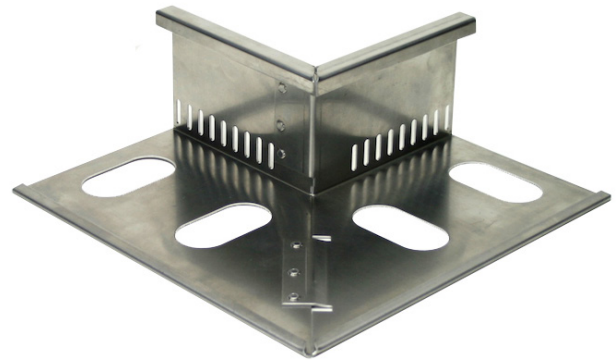


end view



EXTERNAL-FLANGE CORNERS

Prefabricated *External Flange Corners* precisely match the lineals and are joined with the same invisible locking connectors. They are extremely rigid and have the same large oval slots in the base as the metal edge that allow fastening to underlying waterproofing without penetrations. These features make them ideal for outside corners of both flat and sloped green roofs without structural parapets or curbs to retaining planting media. They are also ideal for boundary separators between planted areas and pavers where aluminum movement can be problematic. Other applications include custom drain enclosures and planter edges.



Height (H)	Base (B)	Leg (L)
3" (100mm)	5" (150mm)	12" (300mm)
4" (100mm)	6" (150mm)	12" (300mm)
6" (150mm)	8" (200mm)	12" (300mm)
8" (200mm)	12" (300mm)	12" (300mm)
12" (300mm)	15" (375mm)	18" (450mm)

