

## Length-adjustable gravel board

### ADVANTAGES

- One product can be applied for seven - two per type - different media depth ⇒ board can be turned to select different heights
- Sliding length adjustment avoids need to cut ⇒ telescoping design from 2 m up to ca. 3.9 m
- Stable structure ⇒ once length is set, the included locking clips prevent slippage
- Increased drainage capacity by a total of 54 cm<sup>2</sup> slots / meter, corresponding to a 8.2 cm drain
- Secures green roof termination on a slightly inclined roof ⇒ forms a truss when used with holding textile and fixing element
- Adjustable corner angles ⇒ corner elements available which can be adjusted between 88° and 359°
- Rigid and stable design with clearly recognisable separation ⇒ 5-angle bent edges provide strength and visual appeal
- High corrosion protection ⇒ constructed from durable and recyclable high-grade aluminium
- Easy to transport and handle ⇒ light construction
- Free standing and easy to install ⇒ fixable without adhesives or fastening, held in place by ballast



### APPLICATION

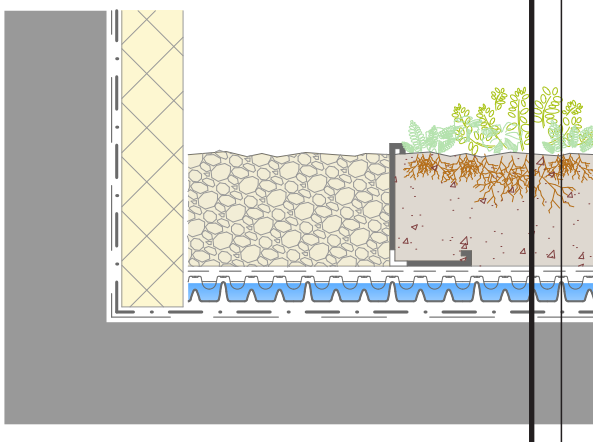
Border of extensive green roofs, or separation of various aggregates (eg: gravel, substrate), as erosion protection and to form a roof edge in the absence of a parapet. Installed on the waterproofing membrane or on the protective layer without any roof penetration.

### SPECIFICATION

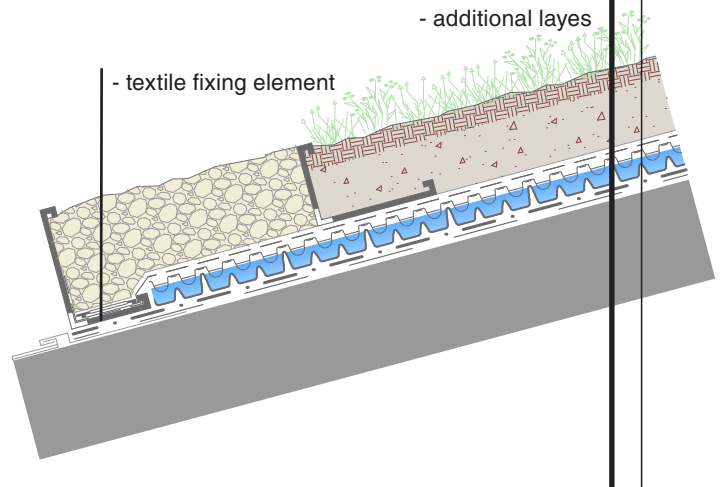
Length-adjustable and lockable green roof edge profile and separation board with perforation for drainage, constructed from aluminum. Supplied with two (2) locking clips, seven optional heights of 6/9; 8/10; 8/12; 14/15 and 14/22 cm, fixed by ballast (no roof structure penetration). Corner pieces for any angle between 88° and 359° , and holding textile and textile fixing elements. Suitable for flat to gentle inclines.

Product: DIADEM® KLS  
 Producer's certificate: A.P.P. Kft.  
 Website: www.diadem.com

- DIADEM® BUILD-UP**
- KLS-AL-6/9-TK gravel board
  - DiaMat<sup>PRO</sup> sedum mat
  - extensive substrat
  - VLF-150 separation and filter geotextile
  - DiaDrain-25H drainage board
  - VLU-300 mechanical protection geotextile
  - root-resistant waterproofing membrane
  - additional layes



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### ACCESSORIES

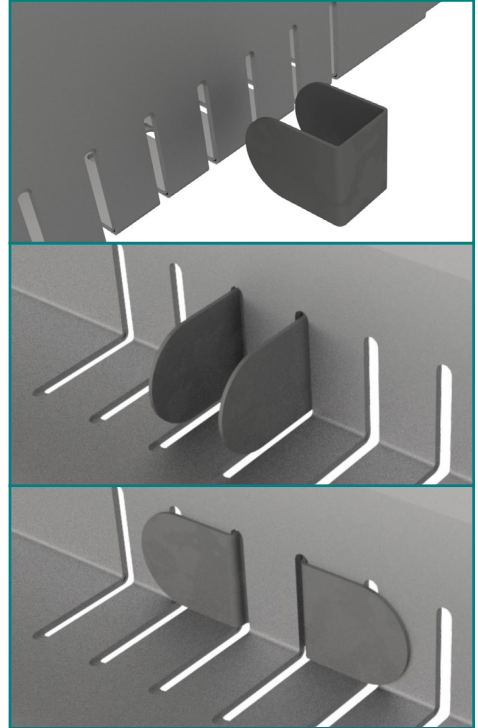
Locking clips<sup>1</sup>: used to lock gravel boards after the length has been adjusted.  
 KLS-D textile fixing element<sup>2</sup>: used to fix the holding textile in the gravel strip at the edges on slightly sloping roofs.

KLS-AL-TK-UNI-ECKE<sup>2</sup>: 6-9, 8-10, 8-12, 14-15, 14 and 22 cm-high gravel board corner piece to set corner angles between 88° and 359°

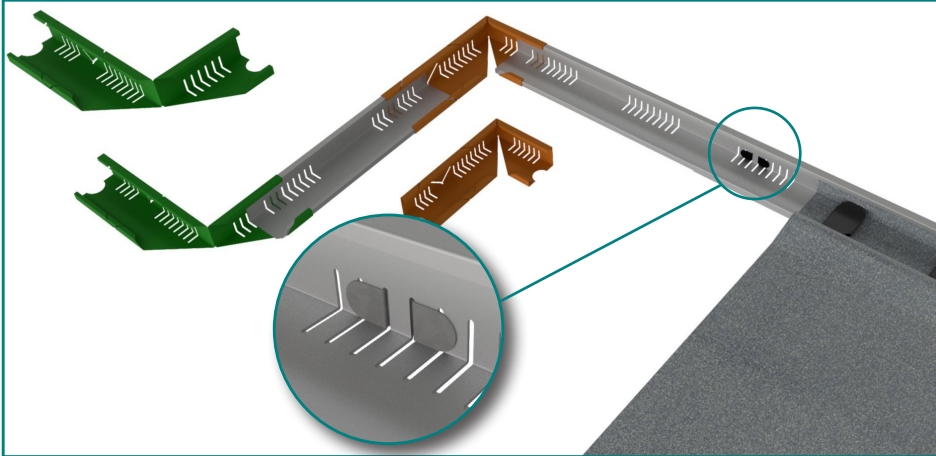
KLH gravel board support<sup>2</sup>: Gravel board support made of hot-dip galvanized steel, designed to support the edge profiles installed along the perimeter of pitched roofs with an inclination greater than 12°, available in heights of 80, 100, and 140 mm.

<sup>1</sup>Standard accessories • <sup>2</sup>Special accessories

### LOCKING CLIPS



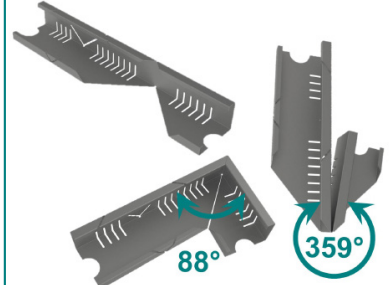
### INSTALLATION SCHEME



### TEXTILE FIXING



### CORNER PIECES



### GRAVEL BOARD SUPPORT



### TECHNICAL DATA

Height of the profile:	6/9 cm; 8/10 cm; 8/12 cm; 14/15 cm; 14/22 cm
Length of the profile:	The 2 m piece is extendable to 3.9 (at 4 cm joint overlap)
Water drainage:	54 cm <sup>2</sup> /m (equivalent to a Ø 8.2 cm drain outlet)
Weight:	6/9: 1.6 kg/pc; 8/10: 1.9 kg/pc; 8/12: 2.35 kg/pc; 14/15: 5.12 kg/pc; 14/22: 5.6 kg/pc
Material:	aluminium
<b>Standard Accessories</b>	
Locking clips:	aluminium
<b>Special Accessories</b>	
Corner piece: KLS-AL-6/9 8/10 8/12 14/22-TK-UNI-ECKE	height of 6/9 cm; 8/10 cm; 8/12 cm; 14/22 cm
Textile fixing element:	required quantity
KLH gravel board support:	80; 100; 140 mm height



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