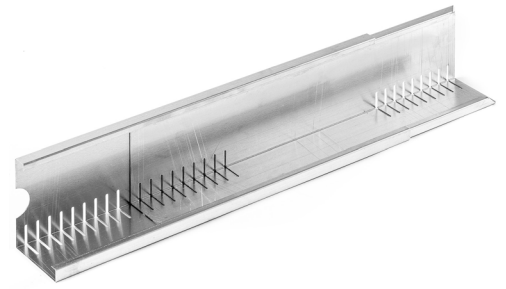


## Length-adjustable gravel board

### ADVANTAGES

- One product can be applied for seven - two per type - different media depth  $\Rightarrow$  board can be turned to select different heights
- Sliding length adjustment avoids need to cut  $\Rightarrow$  telescoping design from 2 m up to ca. 3.9 m
- Stable structure  $\Rightarrow$  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  $\Rightarrow$  forms a truss when used with holding textile and fixing element
- Adjustable corner angles  $\Rightarrow$  corner elements available which can be adjusted between 88° and 359°
- Rigid and stable design with clearly recognisable separation  $\Rightarrow$  5-angle bent edges provide strength and visual appeal
- High corrosion protection  $\Rightarrow$  constructed from durable and recyclable high-grade aluminum
- Easy to transport and handle  $\Rightarrow$  light construction
- Free standing and easy to install  $\Rightarrow$  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.

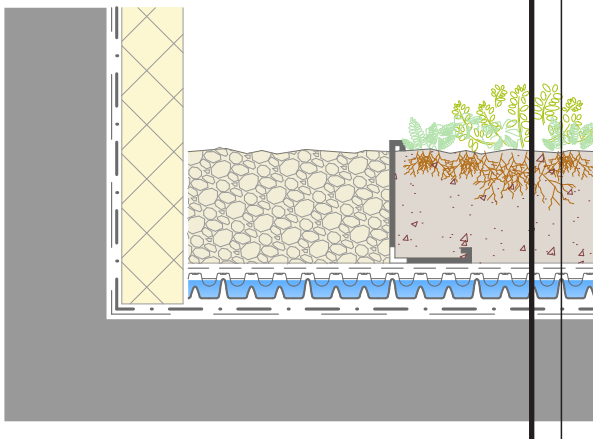
FLL Guidelines (Edition 2008) –  
Section 6.11.1 – 6.11.3

### SPECIFICATION

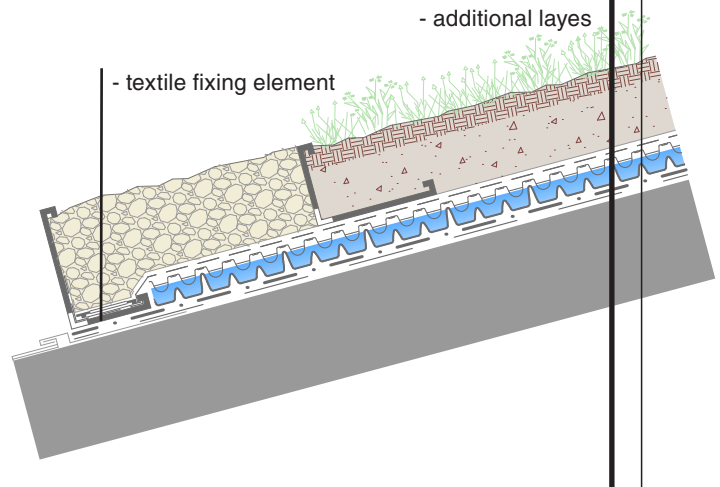
Length-adjustable and lockable green roof edge profile and separation board with perforation for drainage, constructed from aluminum. Supplied with two (2) locking clips, seven optional heights of 6/9; 8/10; 8/12 and 14/22 cm, fixed by ballast (no roof structure penetration). Corner pieces for any angle 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](http://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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**A.P.P. Kft.**

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**APP Dachgarten GmbH**

Tel.: +49 841 370 9496 • [info@diadem.com](mailto:info@diadem.com) • [www.diadem.com/de](http://www.diadem.com/de)

**DIADEM CH AG.**

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## Length-adjustable gravel board

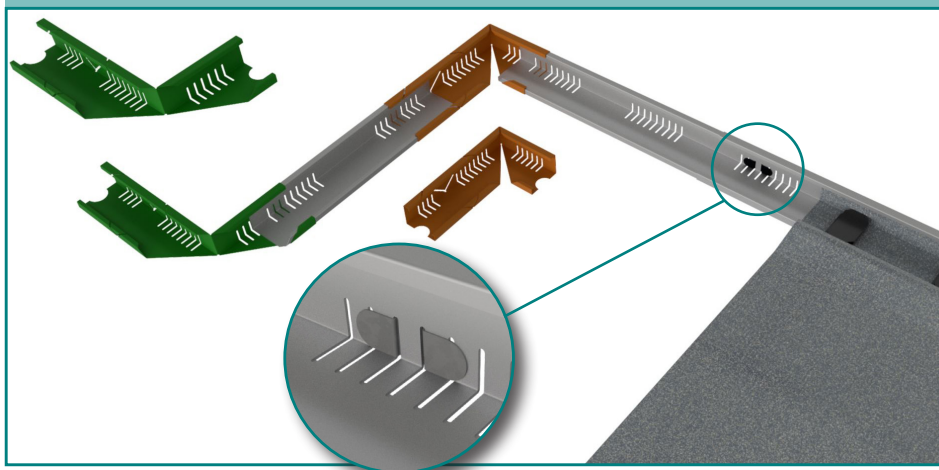
## ACCESSORIES

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

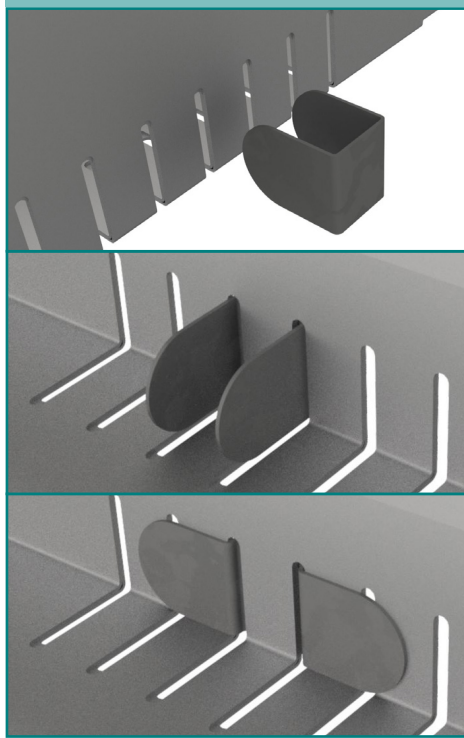
KLS-AL-TK-UNI-ECKE<sup>2</sup>: 6-9, 8-10, 8-12, 14 and 22 cm-high gravel board corner piece to set corner angles between 88° and 359°

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

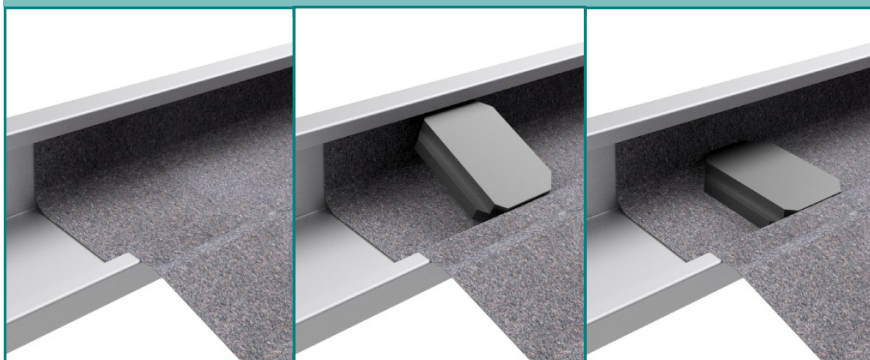
## INSTALLATION SCHEME



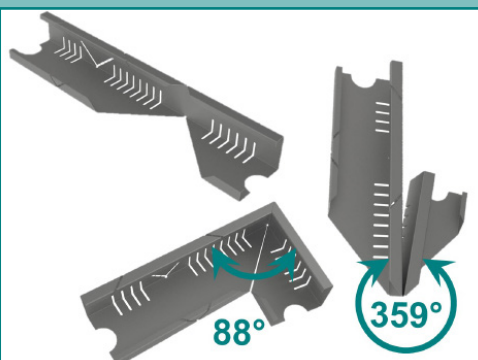
## LOCKING CLIPS



## TEXTILE FIXING



## CORNER PIECES



## TECHNICAL DATA

Height of the profile:	6/9 cm; 8/10 cm; 8/12 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; 14/22: 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
Custom sizes:	on request



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