

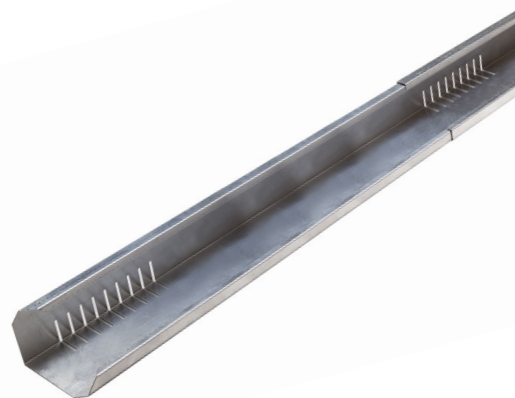
KLS

Length-adjustable gravel board

1/2

ADVANTAGES

- One product can be applied for six - 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 cm² slots / meter, corresponding to a Ø 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 aluminum
- Easy to transport and handle ⇒ light construction and efficient packaging with up to 720 lm/pallet
- Free standing and easy to install ⇒ fixable without adhesives or fastening, held in place by ballast



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, six optional heights of 6 or 9; 8 or 12; 14 or 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
Manufacturer's certificate: APP Kft.
Website: www.diadem.com

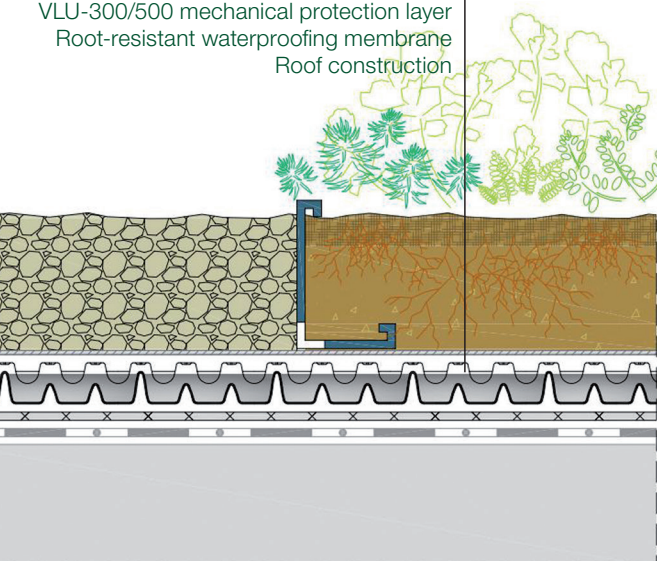
APPLICATION

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.

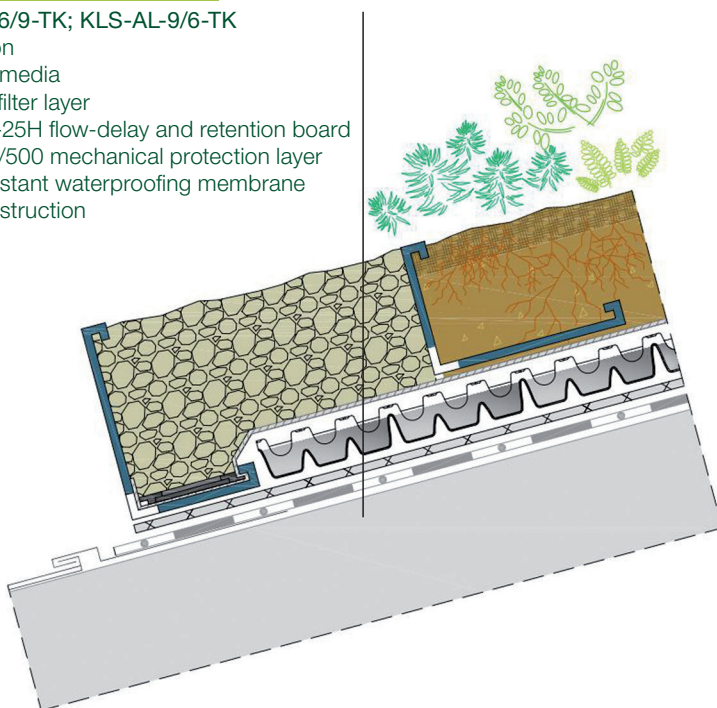
FLL Guidelines (Edition 2008) – Section 6.11.1 – 6.11.3

DIADEM® BUILD-UP

KLS-AL-6/9-TK
Vegetation
Growing media
VLF-150 filter layer
DiaDrain-25H flow-delay and retention board
VLU-300/500 mechanical protection layer
Root-resistant waterproofing membrane
Roof construction



KLS-AL-6/9-TK; KLS-AL-9/6-TK
Vegetation
Growing media
VLF-150 filter layer
DiaDrain-25H flow-delay and retention board
VLU-300/500 mechanical protection layer
Root-resistant waterproofing membrane
Roof construction



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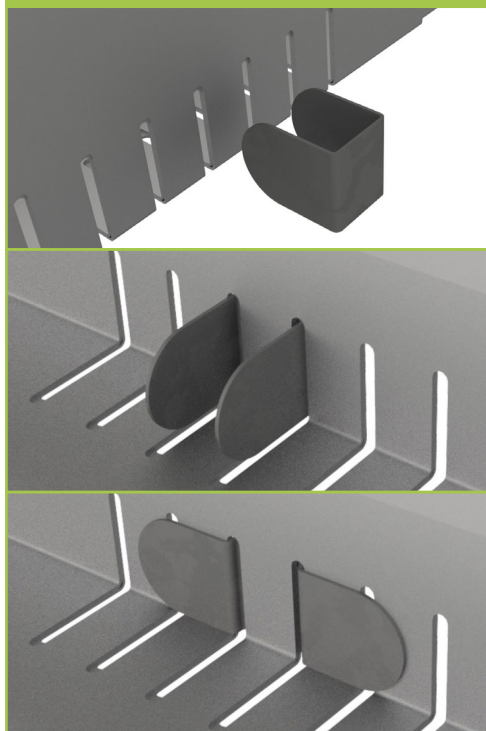


ACCESSORIES

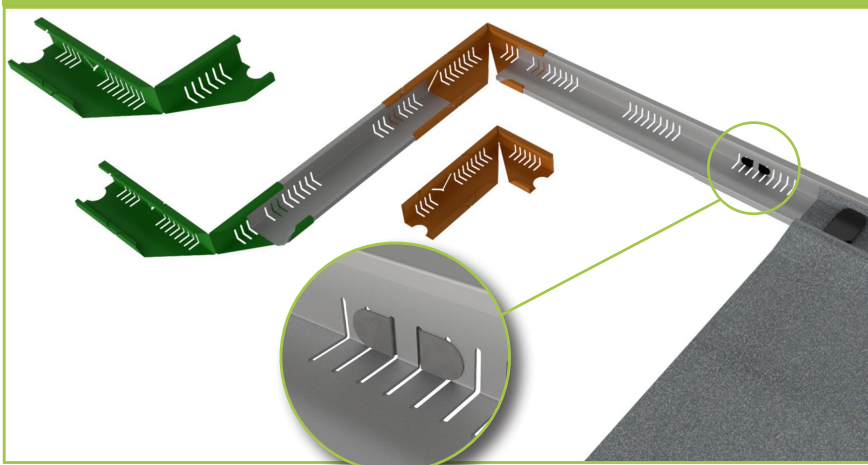
Locking clips¹: used to lock gravel boards after the length has been adjusted.
Holding textile²: used to prevent displacement of the gravel boards at the edges on slightly sloping roofs. Application is complete with the textile fixing elements.
KLSD textile fixing element²: used to attach the holding textile mat to gravel boards.
KLS-AL-6/9-TK-UNI-ECKE²: 6 or 9 cm-high gravel board corner piece to set corner angles between 88° and 359°

¹ Standard accessories • ² Special accessories

LOCKING CLIPS



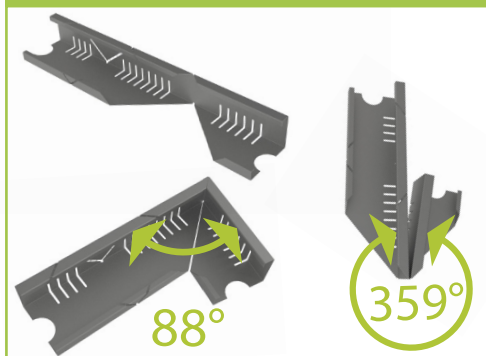
INSTALLATION SCHEME



HOLDING TEXTILE AND TEXTILE FIXING ELEMENT



CORNER PIECES



TECHNICAL DATA

Height of the profile	6 or 9; 8 or 12; 14 or 22 cm
Length of the profile	The 2 m piece is extendable to 3.9 (at 5 cm joint overlap)
Water drainage	54 cm ² /m (equivalent to a Ø 8.2 cm drain outlet)
Weight	6/9: 1,6 kg/pc; 8/12: 2,35 kg/pc; 14/22: 5,6 kg/pc
Material	aluminium
Standard Accessories	
Locking clips	
Special Accessories	
Corner piece: KLS-AL-6/9 8/12 14/22-TK-UNI-ECKE	height of 6 or 9; 8 or 12; 14 or 22 cm
Fixing textile	0,8 × 50 m
Textile fixing element	required quantity
Custom sizes	on request



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