

# DIADEM® inspection boxes

KSE · KSA · KSR

## ADVANTAGES

- Compatibility ⇒ independently of the water outlet type, it can be installed on any green- or gravel roof
- Long lasting the material is shock- and UV-proof
- It offers variable solutions ⇒ may be used for different types of water drainage systems, suitable for receiving drain tubes, irrigation equipments and their fittings
- Safe ⇒ the cover plate is step-resistant and lockable
- Protects from pollutions ⇒ conducts surface water through a filter
- Prevents sunlight reaching the inside, therefore the growth of vegetation around the water outlet



KSE



KSA

## PRODUCT DESCRIPTION

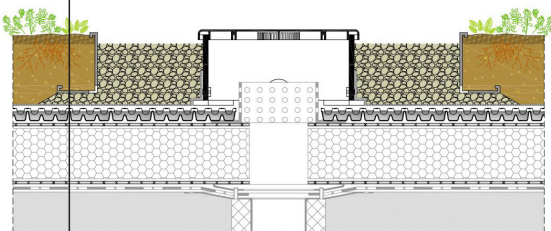
- The KSE inspection boxes ensure unimpeded water drainage on green roofs, and they are suitable for the professional installation, control and cleaning of the water outlets. The thickness of the growing media may be flexibly followed with the help of the 10cm high extension elements.
- The KSA inspection boxes thanks to their special form, ensure access for maintenance to the water outlets at the parapet wall on extensive and simpler intensive green roofs.

## APPLICATION

- The KSE inspection boxes ensure easy location, maintenance and professional handling of the water outlets on extensive green roofs. The product may be excellently used for housing irrigation equipments, placing level-regulator fittings, and for storage of other garden accessories.
- The characteristic of the KSA control shaft is the perforated bottom corner, rendering possible the placement directly along the parapet wall, making the professional installation of the water outlet near the parapet wall possible.

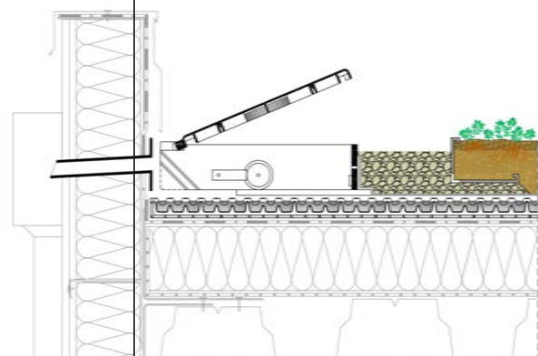
### DIADEM® BUILD-UP, KSE

extensive substrate  
 VLF-150 filter layer  
 DD-25H drainage board  
 VLT-100 separation layer  
 closed cell insulation  
 VLU-300 mechanical protection layer  
 root-resistant water proofing  
 further layers



### DIADEM® BUILD-UP, KSA

extensive substrate  
 VLF-150 filter layer  
 DD-25H drainage board  
 VLU-300 mechanical protection layer  
 root-resistant water proofing  
 further layers



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Green Up the Roof!



# DIADEM® inspection boxes

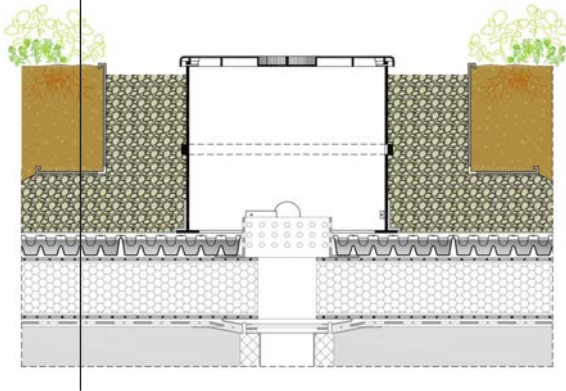
KSE · KSA · KSR

## PRODUCT DESCRIPTION

- The KSR inspection boxes serve the impeded water drainage of intensive, green roofs with greater thickness, and the inspection and easy cleaning of water outlets.

### DIADEM® BUILD-UP, KSR

intensive substrate  
VLF-200 filter layer  
DD-40H drainage board  
VLT-100 separation layer  
closed cell insulation  
VLU-300 mechanical protection layer  
root-resistant water proofing  
further layers



KSR

## APPLICATION

- The KSR inspection boxes makes the professional maintenance and inspection of water outlets in intensive greenroof with thick substrate layer possible. They also make the visual location of these outlets easy. The product may be excellently used for installing irrigation equipments, placing level-regulator fittings, and storage of other garden accessories. The thickness of the growing media may be flexibly followed with the help of the 10cm high extension elements.

## TECHNICAL DATA

	KSR- 35/45/55/65	KSR+ ext. element	KSA- 10/15/20/30	KSA-10-34	KSE- 10/15/20/30	KSE-10-34	KSE/KSA+34	KSE+ ext. element
Product number	120111 / 120112 120113 / 120114	100201 100202	110211 / 110212 110213 / 110214	130047	110111 / 110112 110113 / 110114	130046	130048	100211 100265
Width [mm]	d=400	d=400	300	340	300	340	342	300
Length [mm]	-	-	350	340	300	340	342	300
Height with cover	350 / 450 550 / 650	50 / 100	100 / 150 200 / 300	100	100 / 150 200 / 300	100	145	50 / 100
Surface drainage opening [mm²]	900	-	900	8066	900	14425	-	-
Applied screwed joint	DIN 7505 A2	-	DIN 7505 A2	-	DIN 7505 A2	-	-	-
Drainage tube connection	4 pcs, d=52 mm	-	3 pcs, d=52 mm	-	4 pcs, d=52 mm	-	-	-
Drain latch	basic pack	-	basic pack	-	basic pack	-	-	-
Insulated cover	can be ordered (3 cm extr. PS)	-	can be ordered (3 cm extr. PS)	-	can be ordered (3 cm extr. PS)	-	-	-
Material	polypropylene	polypropylene	polypropylene	hot dip galvanized powder coated steel	polypropylene	hot dip galvanized powder coated steel		polypropylene
Colour (RAL)	7032	7032	7032	9007	7032	9007		7032
Weight [kg]	4,61 / 5,48 6,06 / 6,92	0,8	1,65 / 2,25 3,85 / 4,45	3	1,49 / 2,19 3,47 / 4,85	3,4	2,2	1,4
Transport	on pallets in cartons	in cartons	on pallets in cartons	on pallets	on pallets	on pallets	on pallets	in cartons
Packaging unit [pc/pallet]	24 / 18 12 / 12	-	90 / 60 42 / 30	60	90 / 60 42 / 30	60	60	-



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