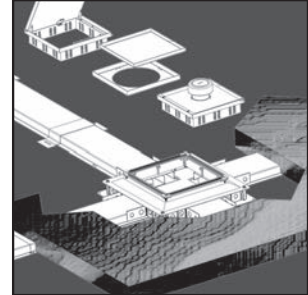
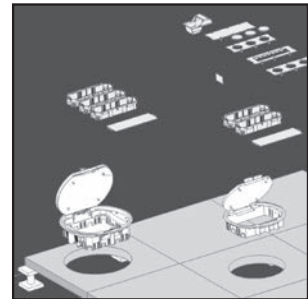


Concrete floor system



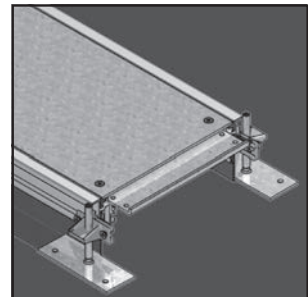
Raised floor system  
Hollow floor system



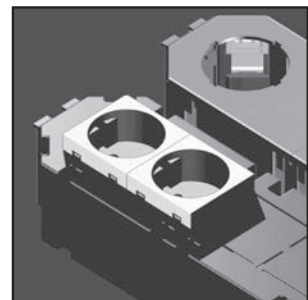
## FLOOR INSTALLATIONS

---

Flush floor trunking system



Accessories



## FLOOR INSTALLATIONS

### Concrete floor system

	Survey of the system	6-295
<b>VG</b>		
VG 28	Floor trunking	6-298
VG 38	Floor trunking	6-298
VG 48	Floor trunking	6-299
<b>VGI</b>		
VGI 28	Floor trunking with integrated ends	6-299
VGI 38	Floor trunking with integrated ends	6-300
VGI 48	Floor trunking with integrated ends	6-300
<b>VGL</b>		
VGL 28	Floor trunking light	6-301
VGL 38	Floor trunking light	6-301
VGL 48	Floor trunking light	6-302
<b>VGLI</b>		
VGLI 28	Floor trunking light integrated ends	6-302
VGLI 38	Floor trunking light integrated ends	6-303
VGLI 48	Floor trunking light integrated ends	6-303
<b>FLOOR INSTALLATIONS</b>		
VS	Rising and low elbow for floor trunking	6-304
VK	Joining piece for floor trunking	6-304
VE	End piece for floor trunking	6-305
PANDORA V	Pandora floorbox square	6-305
ZKP	Tube adapter pandora	6-306
OHK	Extension frame for PANDORA V floorbox	6-306
OHM	Extension nut	6-307
BZ	Bolt (DIN 965Z)	6-307
BDV 5*257	Blind cover square	6-307
BDR 5*257	Blind cover round	6-308
KDV 5*257	Hinged cover square	6-308
KDV 5*182	Hinged cover rectangular	6-309
KDR 5*257	Hinged cover round	6-309
IKDV	Hinged cover square	6-310
ITKV	Blind cover square for tiled floor	6-310
KDVWD	Hinged cover square water resistant	6-311
ITKVWD	Tile-cassette square water resistant	6-311
TWD	Tube	6-312
AHWD	Cover housing for TWD	6-312
PANDORA R	Pandora floorbox round	6-312
KDRV 6*304	Hinged cover round for raised floor	6-313
KKD	Cardboard for hinged cover	6-313
RKD	Filling frame for KDRV 6*304	6-314
BDRV 11*304	Blind cover round for raised floor	6-314
<b>HEAVY LOADS</b>		
KITZ	Kit for PANDORA V heavy loads	6-315
ITKVZ 6	Metal plate for heavy loads for ITKV	6-315
ITKVWDZ 6	Metal plate for heavy loads for ITKVWD	6-315
IKDVZ 6	Metal plate for heavy loads for IKDV	6-316
	TECHNICAL INFORMATION	6-319

### Raised floor system

	Survey of the system	6-327
<b>RAISED FLOOR</b>		
KDVV 5*257	Hinged cover square for raised floor	6-330
KDRV 5*257	Hinged cover round for raised floor	6-330
KDRV 6*304	Hinged cover round for raised floor	6-331
KKD	Cardboard for hinged cover	6-331
RKD	Filling frame for KDRV 6*304	6-332
BDRV 11*304	Blind cover round for raised floor	6-332
KDVV 5*182	Hinged cover square	6-333
BDVV 5*182	Blind cover rectangular	6-333
IKDVV	Hinged cover square for raised floor	6-334

**Flush floor trunking system**

	Survey of the system	6-337
<b>OVG</b>		
OVG	Open flush floor trunking	6-339
<b>OVG COVER</b>		
DOVG	Cover for flush floor trunking	6-339
DOVGV 182	Cover for flush floor trunking	6-340
DOVGV 257	Cover for flush floor trunking	6-340
DOVGR 257	Cover for flush floor trunking	6-340
<b>OVG ACCESSORIES</b>		
OVGB	Bend for flush floor trunking	6-341
OVGT	T-piece for flush floor trunking	6-341
OVGK	Cross piece for flush floor trunking	6-341
OVGE	End part for flush floor trunking	6-342
OVGZ	Universal side for flush floor trunking	6-342
OVGPR	Extrusion profile flush floor trunking	6-342
OVGTR	Crossbar for flush floor trunking	6-343
OVGVST	Bottom for flush floor trunking	6-343
OVGAN	Screed anchor for flush floor trunking	6-343
OVGTAP	Carpet border for flush floor trunking	6-344
OVGHV	Connection angle for flush trunking	6-344
OVGEQ	Earth conductor clamp for flush trunking	6-344
OVGEQH	Earth conductor clamp for flush trunking	6-345
SLOS	Division plate free	6-345
KDV 5*257	Hinged cover square	6-345
KDR 5*257	Hinged cover round	6-346
KDV 5*182	Hinged cover rectangular	6-346
IKDVV	Hinged cover square for raised floor	6-347
	TECHNICAL INFORMATION	6-349

**Accessories**

<b>GENERAL ACCESSORIES</b>		
TSBCL	Apparatus cup clips	6-361
ADPCL	Coverplate for apparatus cup clips TSBCL	6-361
SSBCL	Division plate for apparatus cup TSBCL	6-362
TSB	Apparatus cup	6-362
ADP	Coverplate for apparatus cup TSB	6-362
SSB	Division plate for apparatus cup TSB	6-363
ADSR	Cap round	6-363
ADSV	Cap rectangular	6-363
GBP	Blind plate	6-364
TSB 65	Apparatus cup	6-364
TSBCAT 6	Apparatus cup CAT 6	6-364
OBB	Apparatus box	6-365
IBP	Fixation plate for construction cup OBB	6-365
IBPP	Fixation plate for construction cup OBB	6-366
ADKV	Cable transmit	6-366
VDK	Clamp for floorbox	6-367
MK	Silicon box	6-367
OV	Degreaser	6-368
	TECHNICAL INFORMATION	6-369

# SELECTION TABLE FOR FLOOR INSTALLATIONS

## 1. CONCRETE FLOOR SYSTEMS

Description	Floor trunking = Height 28 mm			Floor trunking = Height 38 mm			Floor trunking = Height 48 mm			
	2 / 3 compartments									
	2	3	3	2	3	3	2	3	3	
Floor trunking	170 250 350 370	VG 28*170 S 1 VG 28*250 S 1 VG 28*350 S 1 VG 28*370 S 1	VG 28*170 S 2 VG 28*250 S 2 VG 28*350 S 2 VG 28*370 S 2	VG 38*170 S 1 VG 38*250 S 1 VG 38*350 S 1 VG 38*370 S 1	VG 38*170 S 2 VG 38*250 S 2 VG 38*350 S 2 VG 38*370 S 2	VG 48*170 S 1 VG 48*250 S 1 VG 48*350 S 1 VG 48*370 S 1	VG 48*170 S 2 VG 48*250 S 2 VG 48*350 S 2 VG 48*370 S 2	VG 48*170 S 1 VG 48*250 S 1 VG 48*350 S 1 VG 48*370 S 1	VG 48*170 S 2 VG 48*250 S 2 VG 48*350 S 2 VG 48*370 S 2	
Floor trunking light	170 250 350 370	VGL 28*170 S 1 VGL 28*250 S 1 VGL 28*350 S 1 VGL 28*370 S 1	VGL 28*170 S 2 VGL 28*250 S 2 VGL 28*350 S 2 VGL 28*370 S 2	VGL 38*170 S 1 VGL 38*250 S 1 VGL 38*350 S 1 VGL 38*370 S 1	VGL 38*170 S 2 VGL 38*250 S 2 VGL 38*350 S 2 VGL 38*370 S 2	VGL 48*170 S 1 VGL 48*250 S 1 VGL 48*350 S 1 VGL 48*370 S 1	VGL 48*170 S 2 VGL 48*250 S 2 VGL 48*350 S 2 VGL 48*370 S 2	VGL 48*170 S 1 VGL 48*250 S 1 VGL 48*350 S 1 VGL 48*370 S 1	VGL 48*170 S 2 VGL 48*250 S 2 VGL 48*350 S 2 VGL 48*370 S 2	
Accessories	Width								VK 48*170 VK 48*250 VK 48*350 VK 48*370	
Jointing piece	170 250 350 370								VK 38*170 VK 38*250 VK 38*350 VK 38*370	

Description	Floor trunking = Height 28 mm			Floor trunking = Height 38 mm			Floor trunking = Height 48 mm			
	2 / 3 compartments									
	2	3	3	2	3	3	2	3	3	
Floor trunking with integrated ends	170 250 350 370	VGI 28*170 S 1 VGI 28*250 S 1 VGI 28*350 S 1 VGI 28*370 S 1	VGI 28*170 S 2 VGI 28*250 S 2 VGI 28*350 S 2 VGI 28*370 S 2	VGI 38*170 S 1 VGI 38*250 S 1 VGI 38*350 S 1 VGI 38*370 S 1	VGI 38*170 S 2 VGI 38*250 S 2 VGI 38*350 S 2 VGI 38*370 S 2	VGI 48*170 S 1 VGI 48*250 S 1 VGI 48*350 S 1 VGI 48*370 S 1	VGI 48*170 S 2 VGI 48*250 S 2 VGI 48*350 S 2 VGI 48*370 S 2	VGI 48*170 S 1 VGI 48*250 S 1 VGI 48*350 S 1 VGI 48*370 S 1	VGI 48*170 S 2 VGI 48*250 S 2 VGI 48*350 S 2 VGI 48*370 S 2	
Floor trunking light integrated ends	170 250 350 370	VGLI 28*170 S 1 VGLI 28*250 S 1 VGLI 28*350 S 1 VGLI 28*370 S 1	VGLI 28*170 S 2 VGLI 28*250 S 2 VGLI 28*350 S 2 VGLI 28*370 S 2	VGLI 38*170 S 1 VGLI 38*250 S 1 VGLI 38*350 S 1 VGLI 38*370 S 1	VGLI 38*170 S 2 VGLI 38*250 S 2 VGLI 38*350 S 2 VGLI 38*370 S 2	VGLI 48*170 S 1 VGLI 48*250 S 1 VGLI 48*350 S 1 VGLI 48*370 S 1	VGLI 48*170 S 2 VGLI 48*250 S 2 VGLI 48*350 S 2 VGLI 48*370 S 2	VGLI 48*170 S 1 VGLI 48*250 S 1 VGLI 48*350 S 1 VGLI 48*370 S 1	VGLI 48*170 S 2 VGLI 48*250 S 2 VGLI 48*350 S 2 VGLI 48*370 S 2	
Accessories	Width								VE 48*170 VE 48*250 VE 48*350 VE 48*370	
Rising and low elbow	170 250 350 370								VE 38*170 VE 38*250 VE 38*350 VE 38*370	
End piece	170 250 350 370								VE 48*170 VE 48*250 VE 48*350 VE 48*370	

## 2. FLOORBOXES FOR CONCRETE FLOOR SYSTEMS

Description	Floor trunking = Height 28 mm	Floor trunking = Height 38 mm	Floor trunking = Height 48 mm	Accessories
Floorbox Pandora V square	<p>PANDORA V 28*257</p>	<p>PANDORA V 38*257</p>	<p>PANDORA V 48*257</p>	<p>Extension frame OHK 30 (H = 30 mm) OHK 40 (H = 40 mm) Kit for heavy loads <b>KITZ</b></p>
Height PANDORA V	from 65 mm to 95 mm 30 mm adjustable	from 75 mm to 105 mm 30 mm adjustable	from 85 mm to 115 mm 30 mm adjustable	
Tupe adapter	ZKP 28	ZKP 38	ZKP 48	

Description	Floor trunking = Height 28 mm	Floor trunking = Height 38 mm	Floor trunking = Height 48 mm
Floorbox Pandora R round	<p>PANDORA R 28*304</p>	<p>PANDORA R 38*304</p>	<p>PANDORA R 48*304</p>
Height PANDORA R	33,5 mm	43,5 mm	53,5 mm
With a cardboard tube (H = 165 mm)	to be used till max. height of 165 mm for screeded floor		
Tupe adapter	ZKP 28	ZKP 38	ZKP 48

<b>SCREED DEPTH</b>	<p>78 mm is the minimal finished screed depth for use of floor boxes with TSB or TSBCL. 65 mm is the minimal finished screed depth for use of floor boxes with TSB 65.</p>
---------------------	--

### 3. CONCRETE FLOOR SYSTEMS - FLOOR FINISH WITH CORRESPONDING HINGED COVERS

#### PANDORA V - Floorbox square

Floor finish	Material	Application	To standard	Depth of cover cut-out	Description	Code	Accessories	Compartments	
Carpet Vinyl Epoxy	Polypropylene RAL 7011 RAL 9011	Outlet	IP 20 (IP 30)*	5 mm	Hinged cover square	KDV 5*257		max. 3 TSB / TSBCL / 1x TSB 65	
					Hinged cover round	KDR 5*257			
		Blind	IP 30	Blind cover square	BDV 5*257	max. 2 TSB / TSBCL			
				Blind cover round	BDR 5*257				
Tile Wooden laminated Polished concrete	Stainless steel	Outlet	IP 20 (IP 30)*	16 mm	Hinged cover square	IKDV 16*257	IKDVZ 6 - Metal plate for heavy loads	max. 3 TSB / TSBCL / 1x TSB 65	
				26 mm	Hinged cover square	IKDV 26*257			
		Blind	IP 53	13 mm	Blind cover for tiled floor	ITKV 13*257	ITKVZ 6 - Metal plate for heavy loads		
				23 mm	Blind cover for tiled floor	ITKV 23*257			
		Outlet	watertight up to 30 mm IP 23 (IP 53)*	12 mm	Hinged cover square water resistant	KDVWD 12*257	TWD Tube	ITKVWDZ 6 - Metal plate for heavy loads	max. 3 TSB / TSBCL / 1x TSB 65
				13 mm	Hinged cover square water resistant	ITKVWD 13*257			
23 mm	Tile-cassette square water resistant			ITKVWD 23*257					

\* When inactive

#### PANDORA R - Floorbox round

Floor finish	Material	Application	To standard	Depth of cover cut-out	Description	Code	Colours	Compartments
Carpet Vinyl Epoxy	Polypropylene	Outlet	IP 20 (IP 30)*	6 - 8 mm	Hinged cover round	KDRV 6*304	RAL 7011 RAL 9011	max. 3 TSB / TSBCL
					Blind cover round	BDRV 11*304		

TSB 65 is ideally placed in a PANDORA V 28\*257.

TSB / TSBCL = minimal height of 78 mm of concrete floor  
TSB 65 = minimal height of 65 mm of concrete floor

#### 4. RAISED AND HOLLOW FLOOR SYSTEMS

##### Cable baskets

To be used beneath the raised floor.

Description	Code	Height	Width	Accessories
Cable basket	VFL	35 - 60	50 - 65 - 100 - 150 - 200 - 250 - 300 - 350	VFVLB - Floor bracket ROMEGACL - Supporting profile snap-in VMB - Floor and wall bracket VFKG 30 - Jointing clamp

##### Hinged covers

To be used for floor panels ranging from 30 mm to 60 mm in thickness.

Covering floor	Type	Application	Depth of cover cut-out	Description	Code	Cut-aways in floor panel	Compartments	Clamp range
Carpet Vinyl Epoxy	Polypropylene RAL 7011 RAL 9011	Equipped	5 mm	Hinged cover square	KDVV 5*257	260 x 260 mm	max. 3 TSB / TSBCL / 1x TSB 65	30 - 60 mm
				Hinged cover round	KDRV 5*257	Ø diameter 260 mm	max. 2 TSB / TSBCL	
				Hinged cover rectangular	KDVV 5*182	260 x 185 mm	max. 2 TSB / TSBCL	
Tile Wooden laminated	Polypropylene RAL 7011	Blind	6 - 8 mm	Hinged cover round	KDRV 6*304	Ø diameter 306 mm	max. 3 TSB / TSBCL	40 - 70 mm (35 mm without spring)
				Blind cover round	BDRV 11*304	Ø diameter 306 mm		
				Blind cover rectangular	BDVV 5*182	260 x 185 mm		
Tile Wooden laminated	Stainless steel	Equipped	16 mm	Hinged cover square	IKDVV 16*257	260 x 260 mm	max. 3 TSB / TSBCL / 1x TSB 65	30 - 60 mm

## 5. FLUSH FLOOR TRUNKING SYSTEMS

### Open flush floor trunking

To be used for concrete floors for both new construction and renovation, in which the floor coating is carpet or vinyl.

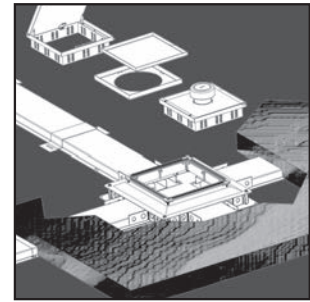
Description	Opening cover	200 mm Width	300 mm Width	400 mm Width	Hinged cover	Clamps
Open flush floor trunking		OVG 200*3	OVG 300*3	OVG 400*4		
		DOVG 200*3	DOVG 300*3	DOVG 400*4		
	rectangular	DOVGV 200*3*182	DOVGV 300*3*182	DOVGV 400*4*182	KDVV 5*182	VDK 4*3*30
Cover	square		DOVGV 300*3*257	DOVGV 400*4*257	KDV 5*257	VDK 4*3*25
	round		DOVGR 300*3*257	DOVGR 400*4*257	KDR 5*257	VDK 2*3*25
<b>Accessories</b>						
Bend		OVGB 200*3	OVGB 300*3	OVGB 400*4		
		OVGT 200*3	OVGT 300*3	OVGT 400*4		
		OVGK 200*3	OVGK 300*3	OVGK 400*4		
Cross piece		OVGE 200*3	OVGE 300*3	OVGE 400*4		
Crossbar		OVGTR 200	OVGTR 300	OVGTR 400		
Division plate			SLOS 35			
			SLOS 60			
			SLOS 85			
			SLOS 110			

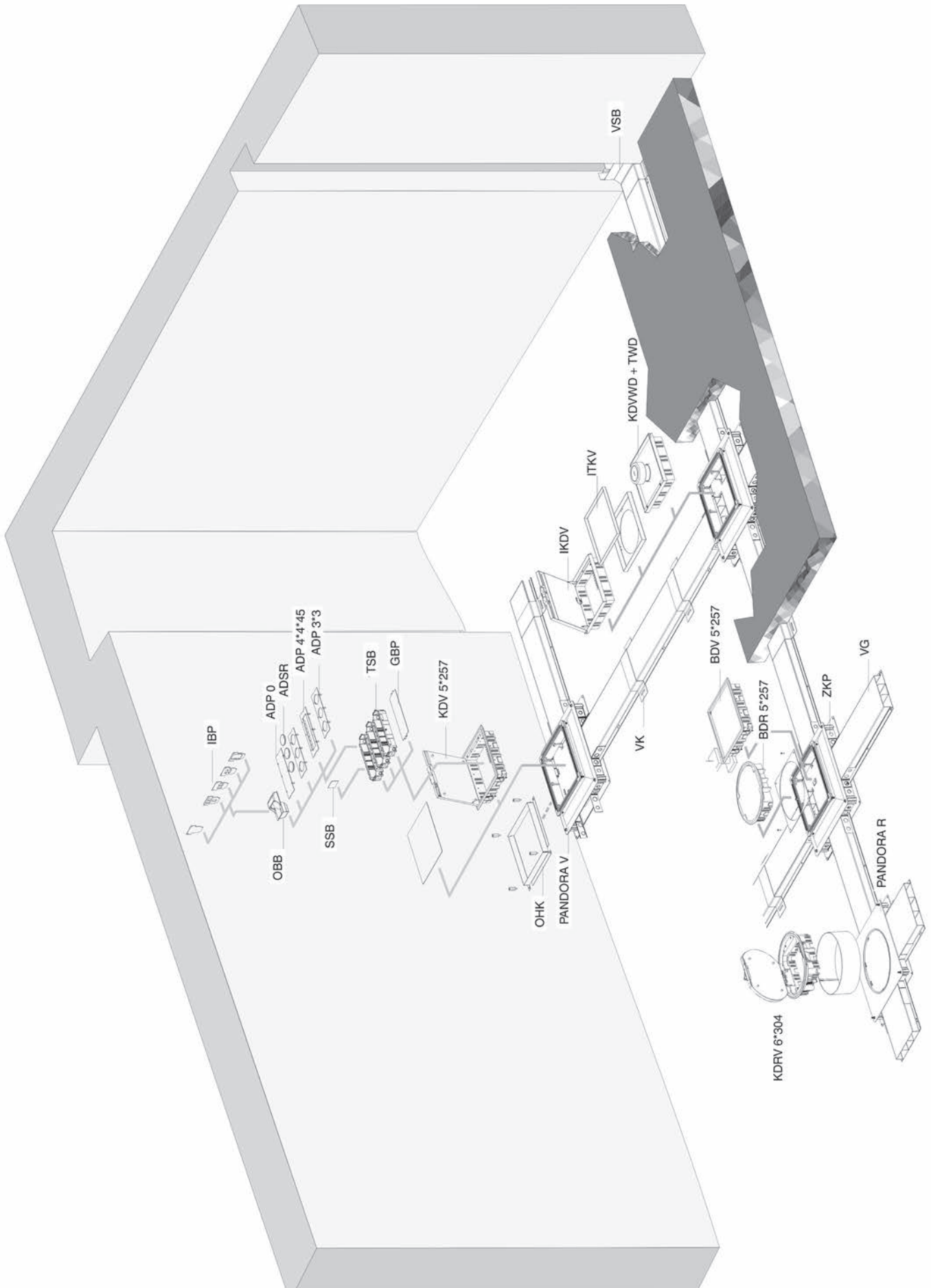


## FLOOR INSTALLATIONS

---

Concrete floor system





## CONCRETE FLOOR SYSTEM

### CONCRETE FLOOR SYSTEMS

#### Floor trunking

The aluminium adjustable flange of the PANDORA floor box must be flush with the underside of the upper floor which will be applied. The total height of the upper floor must be at least 65 mm for a PANDORA 28, 75 mm for a PANDORA 38, and 85 mm for a PANDORA 48. Before beginning the actual installation, the positions of the floor boxes are first marked on the sub-floor after it has been cleaned. If the highly-fluid upper floors (liquid floors) are used, all openings and holes in the floor boxes and floor trunkings must be sealed (e.g. using adhesive tape, dry mortar or plastic foam).

The floor trunkings are manufactured from sendzimir galvanized steel plate which has a 275 gr/m<sup>2</sup> zinc coating. The bottom plate of the floor trunkings is 1 mm thick, and the cover is 1.50 mm (VG) or 1 mm (VGL) thick.

#### Coupling brackets and floor trunking clips

Coupling brackets are used to connect the floor trunkings to each other, before possibly being welded in order to guarantee optimal electrical conductivity. The floor trunkings have four holes for fixation in the floor. After sawing or grinding the floor trunkings, any burrs must be removed from the inside in order to prevent damage to the cables when they are pulled through the trunkings.

#### Floor box

Before installing the PANDORA floor box, any unevenness must be removed from the sub-floor. The bottom plate of the floor box is equipped with four fixing holes. Four alignment splines are also provided in order to enable the floor boxes to be easily aligned.

When the floor box is installed in a floor trunking, the side walls of the floor box are bent open so that they are symmetrically aligned with the centre line. The side walls have small perforations for trunking widths of 170, 250, 350 and 370 mm.

Any side of the floor trunking can be connected, and they are inserted approximately 10 mm into the floor box until the stops are reached. The floor trunking can then be welded to the side walls or to the bottom plate in order to guarantee optimal electrical conductivity.

The PANDORA floor boxes have a vertical adjustment range of 30 mm. The four adjusting screws can be used to adjust the height of the aluminium adjustable flange, and to ensure that it is level. The floor boxes are adjusted to the minimum adjustment height when they are delivered. If the desired height cannot be attained, one or more extension frames can be used. Before installing an extension frame, the aluminium adjustable flange must be turned until it is high enough to be removed from the lower steel box. The extension frame can then be screwed onto the lower box, and the aluminium adjustable flange can then be installed on the extension frame. The extension frame is being used to extend the height per step of 30 mm or 40 mm.

The bottom plate is equipped with an earthing block to which a maximum of eight 2.5 mm<sup>2</sup> earthing cables can be connected.

The lower steel box is manufactured from steel plate which is galvanized in accordance with the sendzimir process. The adjustable flange is manufactured from aluminium. The frame with carpet flange, as well as the equipment housings, blanking plates and cover plates are manufactured from polypropylene. The cover plates for Mosaic equipment are manufactured from sendzimir steel plate and have an epoxy lacquer coating.

#### Hinged cover and equipment housings

Remove the access cover and check that the floor box is earthed.

Keep the hinged cover set at hand. Remove the hinged cover, from the polypropylene frame for increased ease of installation. The procedure is as follows : turn the screw thread using a pair of pliers in order to ensure that the position of the far edge of this thread corresponds to the opening in the frame. Then position a screwdriver (min. 8 mm) on the right-hand side of the access cover in order to remove the access cover from the frame whilst closing it.

The equipment housings have nine cable inlets (which can be broken away), four in the corners, and five in the bases. Two pull reliefs are supplied together with four screws for the cable inlets in the corners.

The six remaining screws are used to install the equipment in the housings (for cover plates which have round holes : ADP 3\*3), four of these six screws are used to secure a cover plate which has a square hole (ADP 4\*4\*45) to the equipment housing.

The striking spines are found on the bottom of the ADP for possible separation between HT and BT.

Feed the cables into one of the several cables inlets and connect the cables to the equipment. Secure the equipment to the equipment housings. All of the equipment must be marked VDE.

Click the equipment housings to the desired height in the holes of the polyamide frame. Press the click-fasteners fully in so that they are secured by the barbs on the lips of the click-fasteners (double-click).

Install the cover plate and secure it using the central plates for the installed equipment. Note : ensure that the cover plates secure the click-fasteners of the equipment housings.

If necessary, install a cover plate (in the event of only one or two equipment housings being used).

Install the cable extension block so that it is aligned with the desired opening.

Mount the hinged cover on the polypropylene frame by placing the screw thread across the opening provided. Next place the cover into the corner together with one of the two hinges. Then place the second of these in the other corner, taking into account a small inclination in relation to the frame. Note : never force the hinged cover from above.

#### Protection rates

IP 20 : Protection against intrusion of solid objects larger than 12 mm. No protection against moisture.

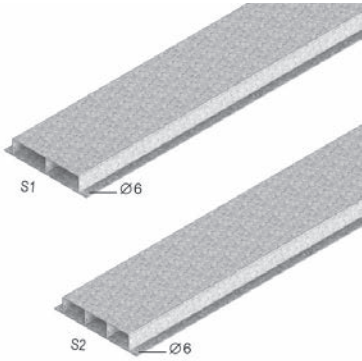
IP 30 : Protection against intrusion of solid objects larger than 2,5 mm. No protection against moisture.

IP 23: Protection against ingress of solid objects larger than 12 mm. Protected against water spray up to an angle of 60 °.

IP 53: Limited dust ingress protection. Protected against water spray up to an angle of 60 °.

**VG 28**

**Floor trunking**



with 2 or 3 compartments

Thickness cover	1,50 mm
Thickness trunk	1,00 mm
Standard finish	Pre-galvanised

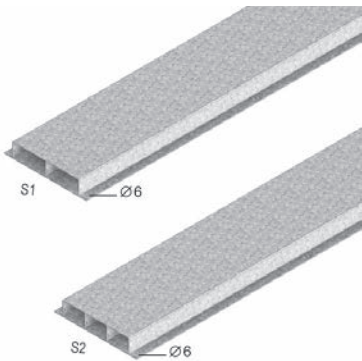
HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊠	Stock	Unit
-	VG 28*170 S 1	28	170	-	3000	4.300	150		m
-	VG 28*170 S 2	28	170	-	3000	4.700	150		m
-	VG 28*250 S 1	28	250	-	3000	6.000	150		m
-	VG 28*250 S 2	28	250	-	3000	6.900	150		m
-	VG 28*350 S 1	28	350	-	3000	8.230	150		m
-	VG 28*350 S 2	28	350	-	3000	8.880	150		m
-	VG 28*370 S 1	28	370	-	3000	8.950	150		m
-	VG 28*370 S 2	28	370	-	3000	9.510	150		m

Tested according EN 50085-2-2.

In total 16 predrilled fixation points available per length.

**VG 38**

**Floor trunking**



with 2 or 3 compartments

Thickness cover	1,50 mm
Thickness trunk	1,00 mm
Standard finish	Pre-galvanised

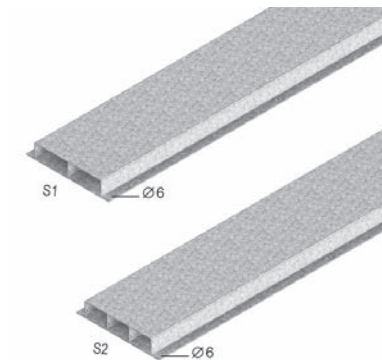
HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊠	Stock	Unit
-	VG 38*170 S 1	38	170	-	3000	4.660	150		m
-	VG 38*170 S 2	38	170	-	3000	5.600	150		m
-	VG 38*250 S 1	38	250	-	3000	6.470	150		m
-	VG 38*250 S 2	38	250	-	3000	7.330	150		m
-	VG 38*350 S 1	38	350	-	3000	8.660	150		m
-	VG 38*350 S 2	38	350	-	3000	9.000	150		m
-	VG 38*370 S 1	38	370	-	3000	8.660	150		m
-	VG 38*370 S 2	38	370	-	3000	9.370	150		m

Tested according EN 50085-2-2.

In total 16 predrilled fixation points available per length.

## VG 48

### Floor trunking



with 2 or 3 compartments

Thickness cover 1,50 mm

Thickness trunk 1,00 mm

Standard finish Pre-galvanised

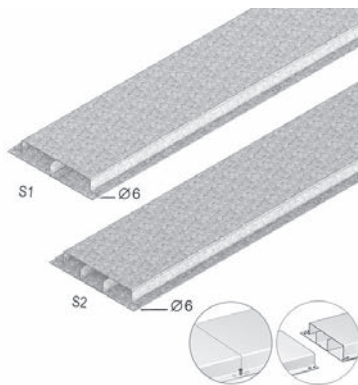
HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊠	Stock	Unit
-	VG 48*170 S 1	48	170	-	3000	5.600	150		m
-	VG 48*170 S 2	48	170	-	3000	5.970	150		m
-	VG 48*250 S 1	48	250	-	3000	6.300	150		m
-	VG 48*250 S 2	48	250	-	3000	7.670	150		m
-	VG 48*350 S 1	48	350	-	3000	8.870	150		m
-	VG 48*350 S 2	48	350	-	3000	10.100	150		m
-	VG 48*370 S 1	48	370	-	3000	9.300	150		m
-	VG 48*370 S 2	48	370	-	3000	10.300	150		m

Tested according EN 50085-2-2.

In total 16 predrilled fixation points available per length.

## VGI 28

### Floor trunking with integrated ends



with 2 or 3 compartments

Thickness cover 1,50 mm

Thickness trunk 1,00 mm

Standard finish Pre-galvanised

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊠	Stock	Unit
-	VGI 28*170 S 1	28	170	-	3000	4.300	150		m
-	VGI 28*170 S 2	28	170	-	3000	4.700	150		m
-	VGI 28*250 S 1	28	250	-	3000	5.800	150		m
-	VGI 28*250 S 2	28	250	-	3000	6.900	150		m
-	VGI 28*350 S 1	28	350	-	3000	8.230	150		m
-	VGI 28*350 S 2	28	350	-	3000	8.880	150		m
-	VGI 28*370 S 1	28	370	-	3000	8.950	150		m
-	VGI 28*370 S 2	28	370	-	3000	9.510	150		m

Tested according EN 50085-2-2.

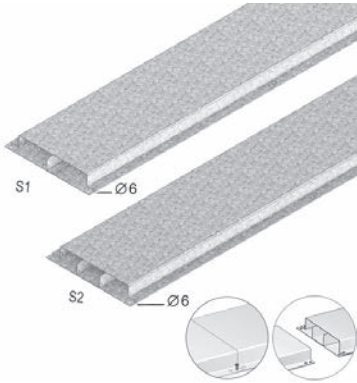
In total 16 predrilled fixation points available per length.

No additional pieces needed for equipotential connection.

The product is patented.

**VGI 38**

**Floor trunking with integrated ends**



with 2 or 3 compartments

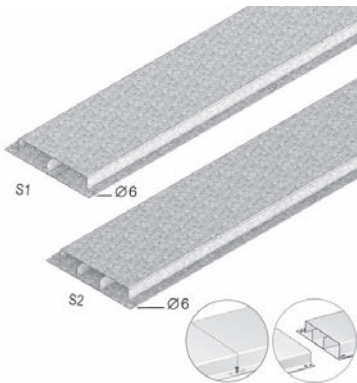
Thickness cover	1,50 mm
Thickness trunk	1,00 mm
Standard finish	Pre-galvanised

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊞	Stock	Unit
-	VGI 38*170 S 1	38	170	-	3000	4.970	150		m
-	VGI 38*170 S 2	38	170	-	3000	5.600	150		m
-	VGI 38*250 S 1	38	250	-	3000	6.470	150		m
-	VGI 38*250 S 2	38	250	-	3000	6.600	150		m
-	VGI 38*350 S 1	38	350	-	3000	8.540	150		m
-	VGI 38*350 S 2	38	350	-	3000	9.000	150		m
-	VGI 38*370 S 1	38	370	-	3000	8.950	150		m
-	VGI 38*370 S 2	38	370	-	3000	9.370	150		m

Tested according EN 50085-2-2.  
 In total 16 predrilled fixation points available per length.  
 No additional pieces needed for equipotential connection.  
 The product is patented.

**VGI 48**

**Floor trunking with integrated ends**



with 2 or 3 compartments

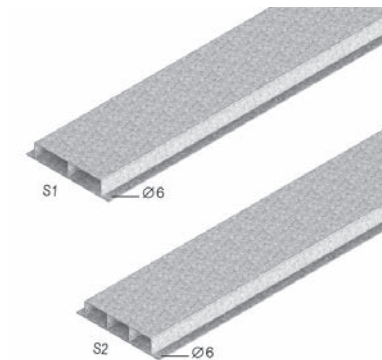
Thickness cover	1,50 mm
Thickness trunk	1,00 mm
Standard finish	Pre-galvanised

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊞	Stock	Unit
-	VGI 48*170 S 1	48	170	-	3000	5.600	150		m
-	VGI 48*170 S 2	48	170	-	3000	5.970	150		m
-	VGI 48*250 S 1	48	250	-	3000	6.300	150		m
-	VGI 48*250 S 2	48	250	-	3000	7.670	150		m
-	VGI 48*350 S 1	48	350	-	3000	8.870	150		m
-	VGI 48*350 S 2	48	350	-	3000	10.100	150		m
-	VGI 48*370 S 1	48	370	-	3000	9.300	150		m
-	VGI 48*370 S 2	48	370	-	3000	10.300	150		m

Tested according EN 50085-2-2.  
 In total 16 predrilled fixation points available per length.  
 No additional pieces needed for equipotential connection.  
 The product is patented.

## VGL 28

### Floor trunking light



with 2 or 3 compartments

Thickness cover 1,00 mm

Thickness trunk 1,00 mm

Standard finish Pre-galvanised

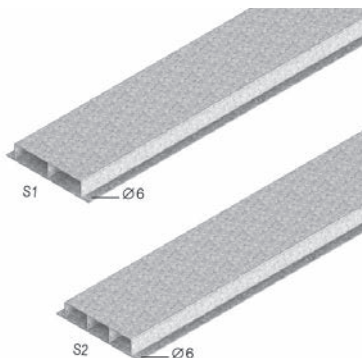
HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊞	Stock	Unit
-	VGL 28*170 S 1	28	170	-	3000	4.110	150		m
-	VGL 28*170 S 2	28	170	-	3000	4.000	150		m
-	VGL 28*250 S 1	28	250	-	3000	4.000	150		m
-	VGL 28*250 S 2	28	250	-	3000	5.680	150		m
-	VGL 28*350 S 1	28	350	-	3000	6.580	150		m
-	VGL 28*350 S 2	28	350	-	3000	7.400	150		m
-	VGL 28*370 S 1	28	370	-	3000	6.910	150		m
-	VGL 28*370 S 2	28	370	-	3000	7.480	150		m

Tested according EN 50085-2-2.

In total 16 predrilled fixation points available per length.

## VGL 38

### Floor trunking light



with 2 or 3 compartments

Thickness cover 1,00 mm

Thickness trunk 1,00 mm

Standard finish Pre-galvanised

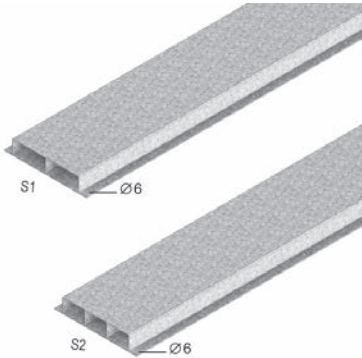
HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊞	Stock	Unit
-	VGL 38*170 S 1	38	170	-	3000	3.730	150		m
-	VGL 38*170 S 2	38	170	-	3000	4.610	150		m
-	VGL 38*250 S 1	38	250	-	3000	4.870	150		m
-	VGL 38*250 S 2	38	250	-	3000	5.330	150		m
-	VGL 38*350 S 1	38	350	-	3000	6.130	150		m
-	VGL 38*350 S 2	38	350	-	3000	7.330	150		m
-	VGL 38*370 S 1	38	370	-	3000	6.750	150		m
-	VGL 38*370 S 2	38	370	-	3000	7.330	150		m

Tested according EN 50085-2-2.

In total 16 predrilled fixation points available per length.

**VGL 48**

**Floor trunking light**



with 2 or 3 compartments

Thickness cover	1,00 mm
Thickness trunk	1,00 mm
Standard finish	Pre-galvanised

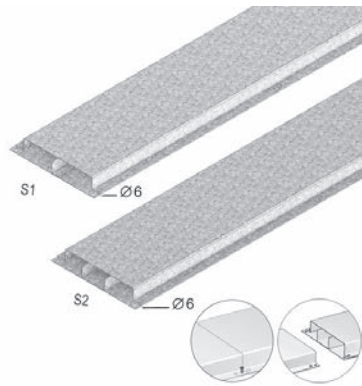
HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊞	Stock	Unit
-	VGL 48*170 S 1	48	170	-	3000	4.560	150		m
-	VGL 48*170 S 2	48	170	-	3000	5.200	150		m
-	VGL 48*250 S 1	48	250	-	3000	5.530	150		m
-	VGL 48*250 S 2	48	250	-	3000	6.300	150		m
-	VGL 48*350 S 1	48	350	-	3000	7.030	150		m
-	VGL 48*350 S 2	48	350	-	3000	8.000	150		m
-	VGL 48*370 S 1	48	370	-	3000	7.400	150		m
-	VGL 48*370 S 2	48	370	-	3000	8.530	150		m

Tested according EN 50085-2-2.

In total 16 predrilled fixation points available per length.

**VGLI 28**

**Floor trunking light integrated ends**



with 2 or 3 compartments

Thickness cover	1,00 mm
Thickness trunk	1,00 mm
Standard finish	Pre-galvanised

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊞	Stock	Unit
-	VGLI 28*170 S 1	28	170	-	3000	4.110	150		m
-	VGLI 28*170 S 2	28	170	-	3000	4.500	150		m
-	VGLI 28*250 S 1	28	250	-	3000	5.080	150		m
-	VGLI 28*250 S 2	28	250	-	3000	5.680	150		m
-	VGLI 28*350 S 1	28	350	-	3000	6.580	150		m
-	VGLI 28*350 S 2	28	350	-	3000	7.400	150		m
-	VGLI 28*370 S 1	28	370	-	3000	6.910	150		m
-	VGLI 28*370 S 2	28	370	-	3000	7.480	150		m

Tested according EN 50085-2-2.

In total 16 predrilled fixation points available per length.

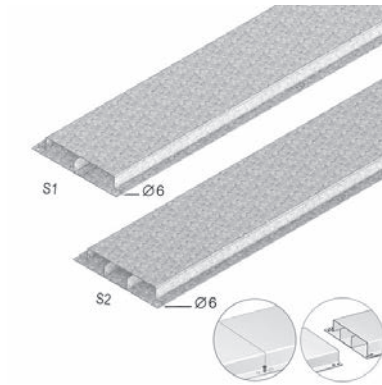
No additional pieces needed for equipotential connection.

The product is patented.



## VGLI 38

### Floor trunking light integrated ends



with 2 or 3 compartments

Thickness cover 1,00 mm

Thickness trunk 1,00 mm

Standard finish Pre-galvanised

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊞	Stock	Unit
-	VGLI 38*170 S 1	38	170	-	3000	3.730	150		m
-	VGLI 38*170 S 2	38	170	-	3000	4.610	150		m
-	VGLI 38*250 S 1	38	250	-	3000	4.870	150		m
-	VGLI 38*250 S 2	38	250	-	3000	5.780	150		m
-	VGLI 38*350 S 1	38	350	-	3000	6.130	150		m
-	VGLI 38*350 S 2	38	350	-	3000	7.400	150		m
-	VGLI 38*370 S 1	38	370	-	3000	6.750	150		m
-	VGLI 38*370 S 2	38	370	-	3000	7.800	150		m

Tested according EN 50085-2-2.

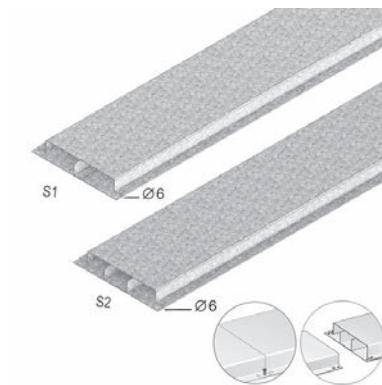
In total 16 predrilled fixation points available per length.

No additional pieces needed for equipotential connection.

The product is patented.

## VGLI 48

### Floor trunking light integrated ends



with 2 or 3 compartments

Thickness cover 1,00 mm

Thickness trunk 1,00 mm

Standard finish Pre-galvanised

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊞	Stock	Unit
-	VGLI 48*170 S 1	48	170	-	3000	4.560	150		m
-	VGLI 48*170 S 2	48	170	-	3000	5.200	150		m
-	VGLI 48*250 S 1	48	250	-	3000	5.530	150		m
-	VGLI 48*250 S 2	48	250	-	3000	6.300	150		m
-	VGLI 48*350 S 1	48	350	-	3000	7.030	150		m
-	VGLI 48*350 S 2	48	350	-	3000	8.000	150		m
-	VGLI 48*370 S 1	48	370	-	3000	7.400	150		m
-	VGLI 48*370 S 2	48	370	-	3000	8.530	150		m

Tested according EN 50085-2-2.

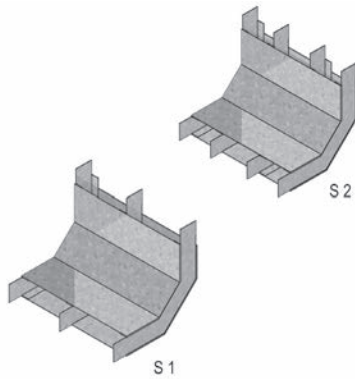
In total 16 predrilled fixation points available per length.

No additional pieces needed for equipotential connection.

The product is patented.

**VSB**

**Rising and low elbow for floor trunking**



with 2 or 3 compartments

Standard finish

Pre-galvanised

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	⊞	Stock	Unit
-	VSB 28*170 S 1	28	170	-	-	0.600	1		piece
-	VSB 28*170 S 2	28	170	-	-	0.650	1		piece
-	VSB 28*250 S 1	28	250	-	-	0.750	1		piece
-	VSB 28*250 S 2	28	250	-	-	0.800	1		piece
-	VSB 28*350 S 1	28	350	-	-	1.000	1		piece
-	VSB 28*350 S 2	28	350	-	-	1.050	1		piece
-	VSB 28*370 S 1	28	370	-	-	1.100	1		piece
-	VSB 28*370 S 2	28	370	-	-	1.150	1		piece
-	VSB 38*170 S 1	38	170	-	-	0.600	1		piece
-	VSB 38*170 S 2	38	170	-	-	0.650	1		piece
-	VSB 38*250 S 1	38	250	-	-	0.800	1		piece
-	VSB 38*250 S 2	38	250	-	-	0.850	1		piece
-	VSB 38*350 S 1	38	350	-	-	1.000	1		piece
-	VSB 38*350 S 2	38	350	-	-	1.100	1		piece
-	VSB 38*370 S 1	38	370	-	-	1.100	1		piece
-	VSB 38*370 S 2	38	370	-	-	1.150	1		piece
-	VSB 48*170 S 1	48	170	-	-	0.600	1		piece
-	VSB 48*170 S 2	48	170	-	-	0.700	1		piece
-	VSB 48*250 S 1	48	250	-	-	0.750	1		piece
-	VSB 48*250 S 2	48	250	-	-	0.850	1		piece
-	VSB 48*350 S 1	48	350	-	-	1.050	1		piece
-	VSB 48*350 S 2	48	350	-	-	1.150	1		piece
-	VSB 48*370 S 1	48	370	-	-	1.100	1		piece
-	VSB 48*370 S 2	48	370	-	-	1.200	1		piece

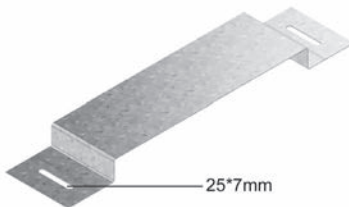
Tested according EN 50085-2-2.

To connect the galvanised floor trunking with a rising trunking.  
Also useful as a low piece.

6

**VK**

**Jointing piece for floor trunking**



To couple two trunkings

Standard finish

Pre-galvanised

HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	⊞	Stock	Unit
-	VK 28*170	28	170	-	-	0.260	12	✓	piece
-	VK 28*250	28	250	-	-	0.330	12	✓	piece
-	VK 28*350	28	350	-	-	0.390	12	✓	piece
-	VK 28*370	28	370	-	-	0.410	12	✓	piece
-	VK 38*170	38	170	-	-	0.270	12	✓	piece
-	VK 38*250	38	250	-	-	0.320	12	✓	piece
-	VK 38*350	38	350	-	-	0.400	12	✓	piece
-	VK 38*370	38	370	-	-	0.440	12	✓	piece
-	VK 48*170	48	170	-	-	0.290	12	✓	piece
-	VK 48*250	48	250	-	-	0.360	12	✓	piece
-	VK 48*350	48	350	-	-	0.410	12	✓	piece
-	VK 48*370	48	370	-	-	0.430	12	✓	piece

Tested according EN 50085-2-2.

**VE**

**End piece for floor trunking**



Standard finish

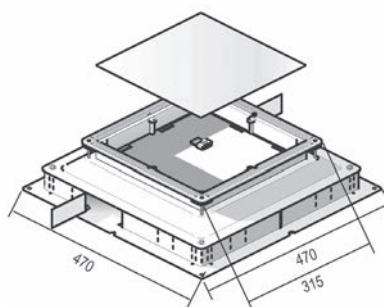
Pre-galvanised

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	VE 28*170	30	165	-	-	0.080	1		piece
-	VE 28*250	30	245	-	-	0.110	1		piece
-	VE 28*350	30	345	-	-	0.160	1		piece
-	VE 28*370	30	365	-	-	0.170	1		piece
-	VE 38*170	40	165	-	-	0.100	1		piece
-	VE 38*250	40	245	-	-	0.140	1		piece
-	VE 38*350	40	345	-	-	0.180	1		piece
-	VE 38*370	40	365	-	-	0.020	1		piece
-	VE 48*170	50	165	-	-	0.110	1		piece
-	VE 48*250	50	245	-	-	0.160	1		piece
-	VE 48*350	50	345	-	-	0.220	1		piece
-	VE 48*370	50	365	-	-	0.230	1		piece

Tested according EN 50085-2-2.

**PANDORA V**

**Pandora floorbox square**



for all widths of floor trunkings  
for square and round cover set

Standard finish

Pre-galvanised

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	PANDORAV 28*257	28	470	-	-	6.000	1	✓	piece
-	PANDORAV 38*257	38	470	-	-	7.000	1	✓	piece
-	PANDORAV 48*257	48	470	-	-	8.000	1	✓	piece

More technical specifications for this product can be found at the end of this chapter.

Tested according EN 50085-2-2.

**CHARACTERISTICS**

- provided with 4 alignment spines
- wide edge for the screed
- the floor trunking can be shoved 10 mm into the floor box because a plug is built-in
- adjustment possible, even after the concrete floor has been installed
- provided with earth terminal (8\*2,5 mm<sup>2</sup>) on the bottom of the floor box
- raise frame of 30 mm, 40 mm and 100 mm
- rounded angles

Cross-, angle-, T-piece

In case it is used as a pull-box, the box must be completed with a blind cover set.

**TECHNICAL INFORMATION**

The box is delivered with a site cover which can be removed after the introduction of the finished floor.

The floor box is standard 30 mm adjustable.

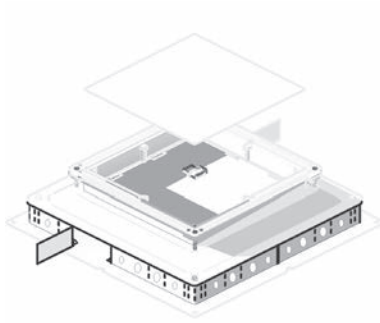
- PANDORA V 28\*257 : 65 to 95 mm
- PANDORA V 38\*257 : 75 to 105 mm
- PANDORA V 48\*257 : 85 to 115 mm

In case of higher screed, use the extension frame OHK.

The floor trunking is fixed to the floor box by means of fixation lips. These lips can be bent according to the desired trunking width.

**ZKP**

**Tube adapter pandora**



Standard finish

Pre-galvanised

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/set	⊞	Stock	Unit
-	<b>ZKP 28</b>	28	-	-	-	0.370	4	✓	set
-	<b>ZKP 38</b>	38	-	-	-	0.470	4	✓	set
-	<b>ZKP 48</b>	48	-	-	-	0.570	4	✓	set

Tested according EN 50085-2-2.

Per set (4 pieces)

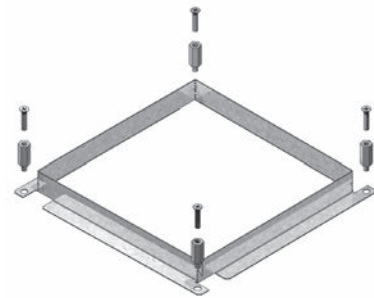
Side of Pandora equipped with break-away surfaces for M 16 and M 20 for assembly with pipes.

ZKP 28 only for M 16.

Only the sides are included in the delivery.

**OHK**

**Extension frame for PANDORA V floorbox**



Standard finish

Pre-galvanised

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>OHK 30</b>	30	-	-	-	0.530	12	✓	piece
-	<b>OHK 40</b>	40	-	-	-	0.650	12	✓	piece
-	<b>OHK 100</b>	100	-	-	-	1.410	12	✓	piece

More technical specifications for this product can be found at the end of this chapter.

Tested according EN 50085-2-2.

OHK 30: 4x OHM 30 and 4x BZ 6\*30 inclusive.

OHK 40: 4x OHM 40 and 4x BZ 6\*40 inclusive.

OHK 100: 4x OHM 100 inclusive.

The aluminium frame of the floorbox PANDORA V is adjustable in height on the extension nuts OHM using the 4 included bolts BZ 6\*30 (OHK 30), BZ 6\*40 (OHK 40) or with the original bolts from the PANDORA V: BZ 6\*50 (OHK 100).

## OHM

### Extension nut



Standard finish

Electro zinc-plated

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>OHM 30</b>	30	-	M6	-	0.030	1		piece
-	<b>OHM 40</b>	40	-	M6	-	0.040	1		piece
-	<b>OHM 100</b>	100	-	M6	-	0.110	1		piece

## BZ

### Bolt (DIN 965Z)



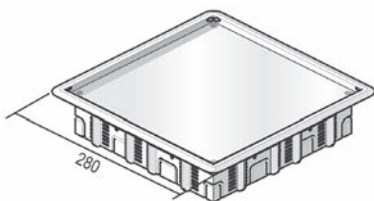
Standard finish

Electro zinc-plated

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>BZ 6*30</b>	-	-	M6	30	0.010	1		piece
-	<b>BZ 6*40</b>	-	-	M6	40	0.010	1		piece
-	<b>BZ 6*50</b>	-	-	M6	50	0.020	1		piece

## BDV 5\*257

### Blind cover square



Blind cover - build-in frame is put into the floor box. The floor box is used as a draw-in box.

Color grey RAL 7011 / Black RAL 9011

Max. load 1500 N (small surface area)

Max. load 3000 N (large surface area)

Standard finish Polypropylene

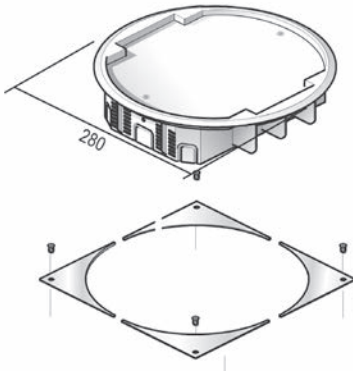
HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>BDV 5*257 RAL 7011</b>	-	257	-	257	1.160	6	✓	piece
-	<b>BDV 5*257 RAL 9011</b>	-	257	-	257	1.160	6	✓	piece

Tested according EN 50085-2-2.

- build-in frame screwed in the bottom box with 4 bolts
- the blind cover consists of a metal plate and an outer edge in synthetic material
- thickness of the metal plate is 2 mm, depth saving without cartonboard 8 mm, depth saving with cartonboard 5 mm.
- the cartonboard is standard included.
- Non-active condition : IP 30

**BDR 5\*257**

**Blind cover round**



Blind cover - build-in frame is put into the floor box. The floor box is used as a draw-in box.

Color	grey RAL 7011 / Black RAL 9011
Max. load	2500 N (small surface area)
Max. load	3000 N (large surface area)
Standard finish	Polypropylene

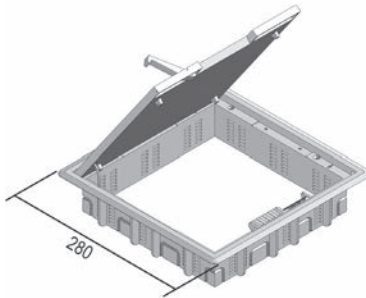
HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>BDR 5*257 RAL 7011</b>	-	257	-	-	1.460	6	✓	piece
-	<b>BDR 5*257 RAL 9011</b>	-	257	-	-	1.460	6	✓	piece

Tested according EN 50085-2-2.

- the four build-in angles are fixed with 4 bolts
- the build-in frame is screwed in the floor box b.m.o. 2 bolts
- the blind cover consists of a metal plate and an outer edge in synthetic material
- thickness of the metal plate is 2 mm, depth saving without cardboard 8 mm, depth saving without cardboard 8 mm, depth saving with cardboard 5 mm
- the cardboard is included as standard
- non-active condition : IP 30

**KDV 5\*257**

**Hinged cover square**



build-in frame + hinged cover + cable transmit block

Color	grey RAL 7011 / Black RAL 9011
Max. load	1500 N (small surface area)
Max. load	3000 N (large surface area)
Standard finish	Polypropylene

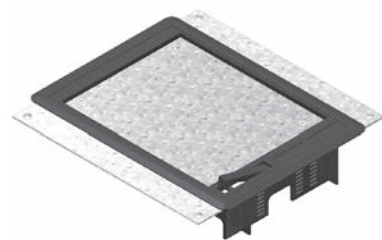
HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>KDV 5*257 RAL 7011</b>	-	257	-	257	1.570	6	✓	piece
-	<b>KDV 5*257 RAL 9011</b>	-	257	-	257	1.570	6	✓	piece

Tested according EN 50085-2-2.

- build-in frame screwed on the floor box b.m.o. 4 bolts
- the cable transmit is chamfered and can be clipped on
- the cover can be placed in four directions
- the cover must not be earthed
- the cover is provided with the cable transmit and one opening lever
- thickness of the metal plate is 3 mm, depth saving = 5 mm.
- active condition : IP 20
- non-active condition : IP 30

## KDV 5\*182

### Hinged cover rectangular



Color	grey RAL 7011 / Black RAL 9011
Max. load	1500 N (small surface area)
Max. load	3000 N (large surface area)
Standard finish	Polypropylene

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	KDV 5*182 RAL 7011	-	182	-	257	1.450	1		piece
-	KDV 5*182 RAL 9011	-	182	-	257	1.450	1		piece

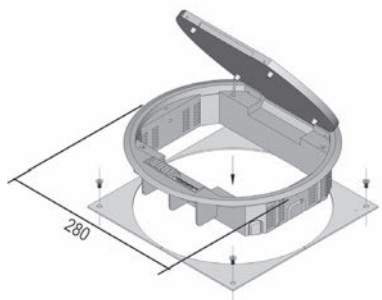
More technical specifications for this product can be found at the end of this chapter.

Tested according EN 50085-2-2.

- the 2 build-in pieces are fixed into the floorbox with 4 bolts BZ 4\*16
- the hinged cover is screwed in the floor box using 2 bolts BZ 4\*10
- the cover can be placed in four directions
- the cover must not be earthed
- thickness of the metal plate is 3 mm, depth saving = 5 mm
- cable transmit block with chamfered cable transmit can be clipped
- active condition : IP 20
- non-active condition : IP 30

## KDR 5\*257

### Hinged cover round



build-in frame + hinged cover + cable transmit block

Color	grey RAL 7011 / Black RAL 9011
Max. load	2500 N (small surface area)
Max. load	3000 N (large surface area)
Standard finish	Polypropylene

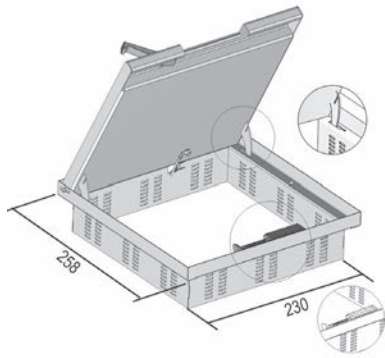
HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	KDR 5*257 RAL 7011	-	257	-	-	1.460	6	✓	piece
-	KDR 5*257 RAL 9011	-	257	-	-	1.460	6	✓	piece

Tested according EN 50085-2-2.

- the four build-in angles are fixed with 4 bolts
- the build-in frame is screwed in the floor box b.m.o. 2 bolts
- the cover can be placed in two directions
- the cover must not be earthed
- thickness of the metal plate is 3 mm, depth saving = 5 mm
- cable transmit block with chamfered cable transmit can be clipped.
- active condition : IP 20
- non-active condition : IP 30

**IKDV**

**Hinged cover square**



build-in frame + tileframe + cable transmit block

Max. load 2000 N (small surface area)

Max. load 3000 N (large surface area)

Standard finish Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	IKDV 16*257	-	257	-	257	1.500	1	✓	piece
-	IKDV 26*257	-	257	-	257	1.730	1	✓	piece

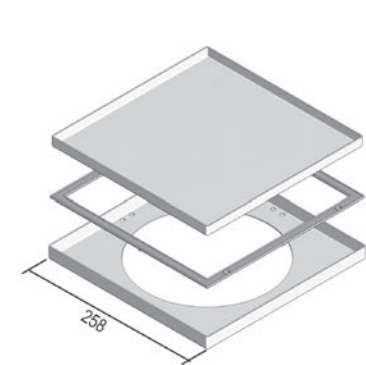
More technical specifications for this product can be found at the end of this chapter.

Tested according EN 50085-2-2.

- depth of cover cut-out IKDV 16\*257 : 16 mm
- depth of cover-out IKDV 26\*257 : 26 mm
- ideal for tiled floors, parquet floors and polished concrete flooring
- frame fixation on the floor box with 6 bolts
- cable transmit block with chamfered cable transmit can be clipped
- adjustable tile floor cover (screws and instructions included)
- electrical apparatus may only be built in if the floor is cleaned with a dry or a moist floorcloth.
- active condition : IP 20
- non-active condition : IP 30

**ITKV**

**Blind cover square for tiled floor**



Blind cover - build-in frame is put into the floor box. The floor box is used as a draw-in box.

Max. load 2000 N (small surface area)

Max. load 3000 N (large surface area)

Standard finish Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	ITKV 13*257	-	257	-	257	1.500	1	✓	piece
-	ITKV 23*257	-	257	-	257	1.730	1	✓	piece

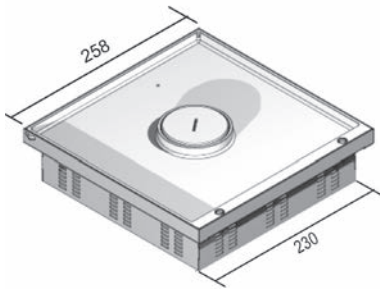
Tested according EN 50085-2-2.

- depth of cover cut-out ITKV 13\*257 : 13 mm
- depth of cover cut-out ITKV 23\*257 : 23 mm
- to be fixed into the floor box using the 4x M 4\*10 bolts
- non-active condition : IP 53



## KDVWD

### Hinged cover square water resistant



Cover set + round cover

Max. load 2000 N (small surface area)

Max. load 3000 N (large surface area)

Cover Finish Aluminium

Standard finish Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	<b>KDVWD 12*257</b>	-	257	-	257	1.910	1	✓	piece

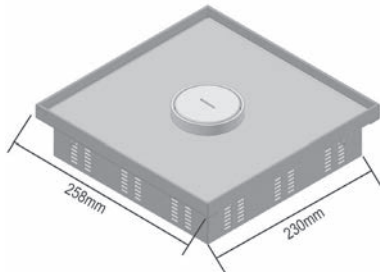
More technical specifications for this product can be found at the end of this chapter.

Tested according EN 50085-2-2.

- depth of cover cut-out : 12 mm
- ideal for tiled floors, parquet floors and polished concrete flooring
- to be fixed into the floor box using M 4\*20 bolts
- level of protection, with use of TWD : IP 20
- level of protection, with use of the tube TWD and cover housing AHWD : IP 23
- non active condition : IP 53

## ITKVWD

### Tile-cassette square water resistant



Cover set + round cover

Max. load 2000 N (small surface area)

Max. load 3000 N (large surface area)

Stainless steel

Standard finish Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	<b>ITKVWD 13*257</b>	-	257	-	257	1.700	1	✓	piece
-	<b>ITKVWD 23*257</b>	-	257	-	257	1.800	1	✓	piece

Tested according EN 50085-2-2.

The tile-cassette is only installed when one wants to use the apparatus cup.

- depth of cover cut-out : 13 mm or 23 mm
- ideal for tiled floors, parquet floors and polished concrete flooring
- ideal for areas where floor is cleaned using liquids
- no-hinge assembly
- intended for potential connection between cover and subframe
- when fitted directly on aluminium frame, height 11 mm
- level of protection, with use of TWD : IP 20
- level of protection, with use of the tube TWD and cover housing AHWD : IP 23
- non active condition : IP 53

**TWD**

**Tube**



For water resistant cover KDVWD and ITKVWD

Standard finish		Aluminium							
HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	⊞	Stock	Unit
-	<b>TWD</b>	-	-	-	-	0.180	1	✓	piece

- Tested according EN 50085-2-2.
- made of anodised aluminium
  - used as cable transmit if hinged covers type ITKVWD or KDVWD are to be used
  - screws into the lid in an aluminium ring provided for this purpose
  - watertight up to a height of 30 mm if no cover sleeve is used
  - ideal for areas that are cleaned wet

**AHWD**

**Cover housing for TWD**



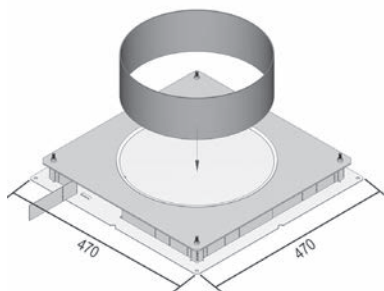
For water resistant cover KDVWD and ITKVWD

Standard finish		Aluminium							
HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	⊞	Stock	Unit
-	<b>AHWD</b>	-	-	-	-	0.150	1	✓	piece

- Tested according EN 50085-2-2.
- made of anodised aluminium
  - applicable to hinged cover types ITKVWD and KDVWD

**PANDORA R**

**Pandora floorbox round**



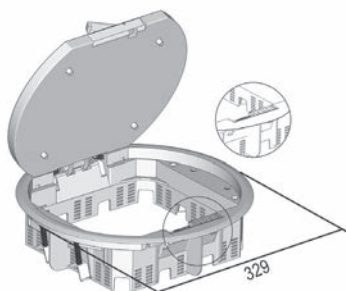
for all widths of floor trunkings  
for KDRV 6\*304 and BDRV 11\*304

Standard finish		Pre-galvanised							
HD	Reference	↑ mm	↔ mm	↗ mm	↘ mm	kg/piece	⊞	Stock	Unit
-	<b>PANDORAR 28*304</b>	28	470	-	-	5.770	1	✓	piece
-	<b>PANDORAR 38*304</b>	38	470	-	-	5.880	1	✓	piece
-	<b>PANDORAR 48*304</b>	48	470	-	-	6.010	1	✓	piece

- More technical specifications for this product can be found at the end of this chapter.
- Tested according EN 50085-2-2.

## KDRV 6\*304

### Hinged cover round for raised floor



build-in frame + hinged cover + cable transmit block + floor box clamps

Color	grey RAL 7011 / Black RAL 9011
Max. load	2500 N (small surface area)
Max. load	3000 N (large surface area)
Standard finish	Polyamide

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	KDRV 6*304 RAL 7011	-	304	-	-	1.800	6	✓	piece
-	KDRV 6*304 RAL 9011	-	304	-	-	1.800	6	✓	piece

Tested according EN 50085-2-2.

Different colour on request, 500 pieces per order.

- Hinged cover for 3 apparatus cups.

- 4 integrated clamps VDK 4\*35\*70 that grip the floor laterally
  - hinged cover is supplied as standard with a filling frame RKD 3\*304 of 3 mm which means that the standard depth of the cut-out of the cover is 6-8 mm.
  - a filling frame RKD 5\*304 of 5 mm is also available, to be ordered separately. Depth of cut-out of the cover is 4-6 mm.
  - assembled with 3 mm-thick metal plate
  - equipped with self-locking push lever in order to simplify the opening of the cover
  - cover is easy to remove
  - clamp range between 40 mm and 70 mm (35 mm without the use of a spring)
- Other clamps on demand.
- active condition : IP 20
  - non-active condition : IP 30

## KKD

### Cardboard for hinged cover



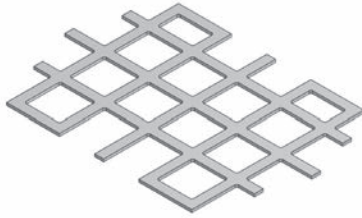
Standard finish

Cardboard

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	KKD 1*304	-	-	1.000	-	0.040	1	✓	piece
-	KKD 3*304	-	-	3.000	-	0.120	1	✓	piece
-	KKD 5*304	-	-	5.000	-	0.200	1	✓	piece

**RKD**

**Filling frame for KDRV 6\*304**



Color	black RAL 9011
Standard finish	Polypropylene

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>RKD 3*304</b>	-	-	3.000	-	0.050	1	✓	piece
-	<b>RKD 5*304</b>	-	-	5.000	-	0.090	1	✓	piece

**RKD 3\*304**

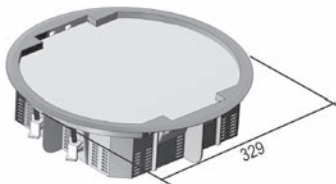
- jack-up screen 3 mm thick
- is mounted below the metal plate in the lid of the KDRV 6x304
- this screen allows the lid recess to be adjusted to suit your requirements

**RKD 5\*304**

- jack-up screen 5 mm thick
- is mounted below the metal plate in the lid of the KDRV 6x304
- this screen allows the lid recess to be adjusted to suit your requirements

**BDRV 11\*304**

**Blind cover round for raised floor**



Draw-in box + floor box clamps	
Color	grey RAL 7011 / Black RAL 9011
Max. load	2500 N (small surface area)
Max. load	3000 N (large surface area)
Standard finish	Polyamide

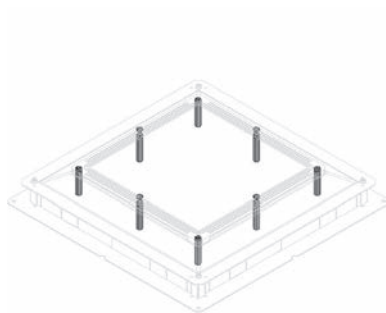
HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>BDRV 11*304 RAL 7011</b>	-	304	-	-	1.800	6	✓	piece
-	<b>BDRV 11*304 RAL 9011</b>	-	304	-	-	1.800	6	✓	piece

Tested according EN 50085-2-2.  
Different colour on request, 500 pieces per order

- 4 integrated clamps VDK 4\*35\*70 that grip the floor laterally
  - cover recessed to a depth of 11 mm
  - filling to be ordered separately and available in depths of 1-3 and 5 mm
  - assembled with 3 mm-thick metal plate
  - deeper recess possible, varies between 30 and 60 mm
  - clamp range between 40 mm and 70 mm (35 mm without the use of a spring)
- Other clamp ranges on demand.  
- non-active condition : IP 30

## KITZ

### Kit for PANDORA V heavy loads



Max. load	2 tons
Standard finish	Pre-galvanised

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	KITZ	-	-	-	-	0.290	10	✓	piece

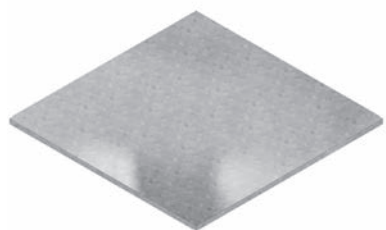
More technical specifications for this product can be found at the end of this chapter.

Tested according EN 50085-2-2.

- for conversion of PANDORAV for loads up to 2 tons
- kit consisting of 8 connecting nuts, 4 bolts and 4 nuts
- can be applied after mounting of the PANDORAV floor box
- after conversion suitable for use with ITKVZ 6, ITKVWDZ 6 and IKDVZ 6
- ideal for areas where the floor box is subjected to heavy loads (garage, showroom, etc.)

## ITKVZ 6

### Metal plate for heavy loads for ITKV



for ITKV 23\*257

Max. load	2 tons
Standard finish	Black Steel

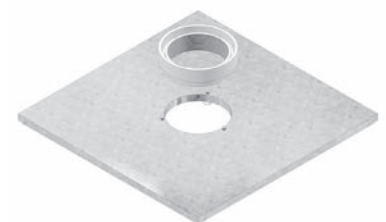
HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	ITKVZ 6	-	-	6.000	-	2.910	1		piece

Tested according EN 50085-2-2.

Only to be used with lid from flush mounting depth 20 mm

## ITKVWDZ 6

### Metal plate for heavy loads for ITKVWD



for ITKVWD 23\*257

Max. load	1.5 tons
Standard finish	Black Steel

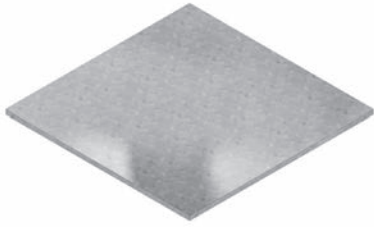
HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	ITKVWDZ 6	-	-	6.000	-	2.480	1		piece

Tested according EN 50085-2-2.

Only to be used with lid from flush mounting depth 20

**IKDVZ 6**

**Metal plate for heavy loads for IKDV**



for IKDV 26\*257

Max. load **2 tons**

Standard finish **Black Steel**

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	<b>IKDVZ 6</b>	-	-	6.000	-	2.480	1		piece

Tested according EN 50085-2-2.  
Only to be used with lid from flush mounting depth 20

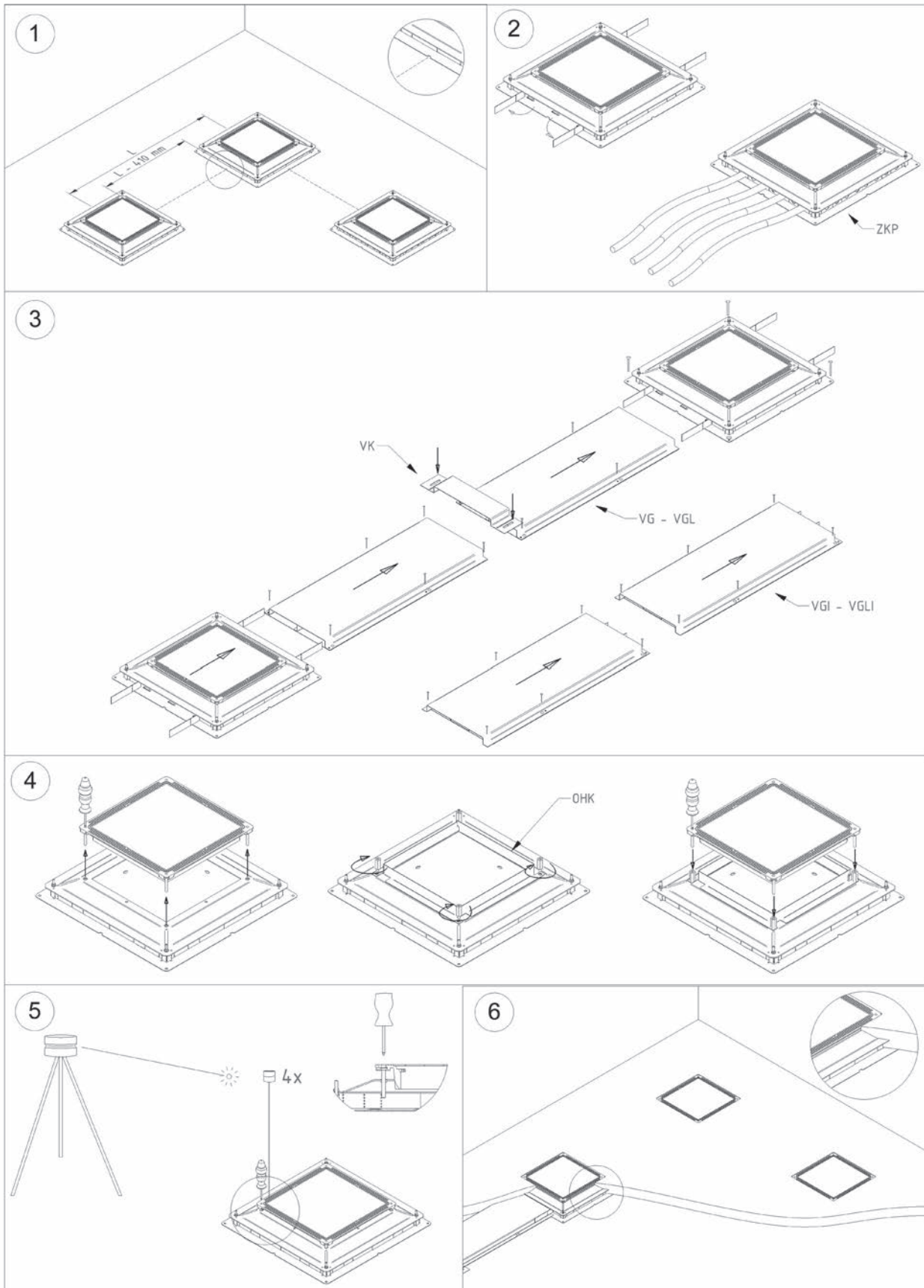






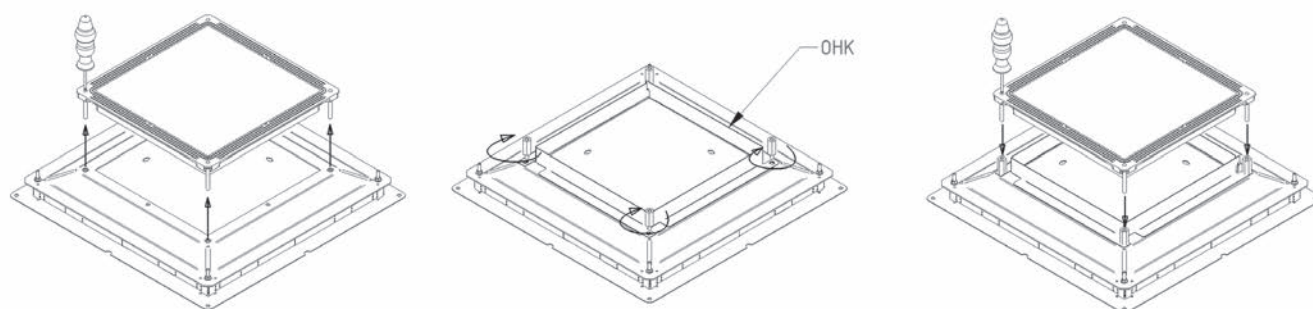
**PANDORA V**

**Mounting principle**



## OHK

### Mounting principle

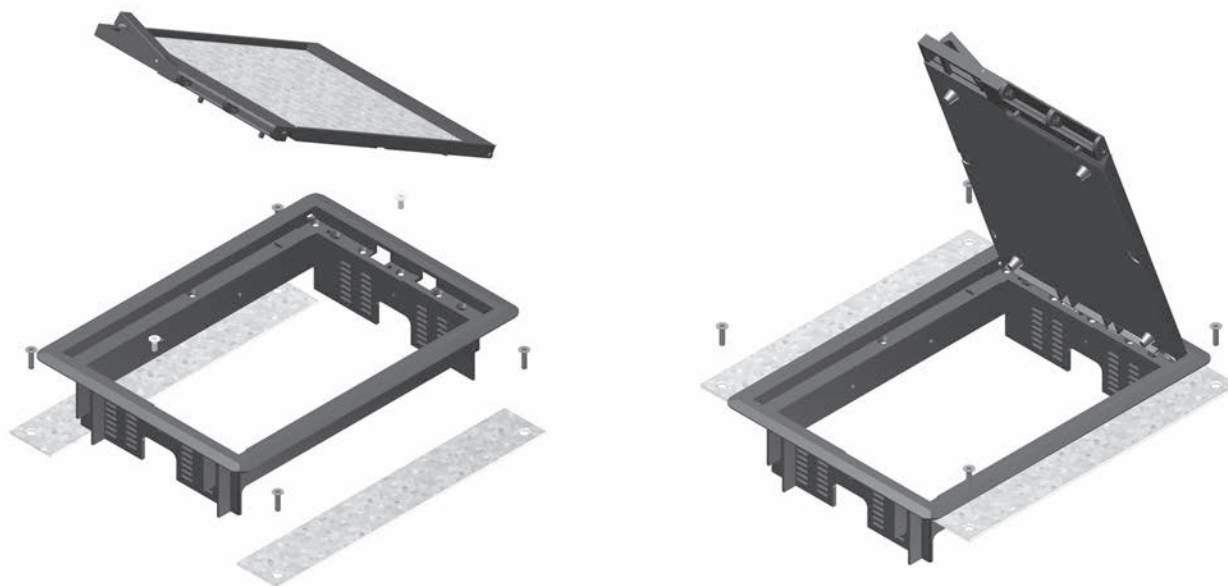


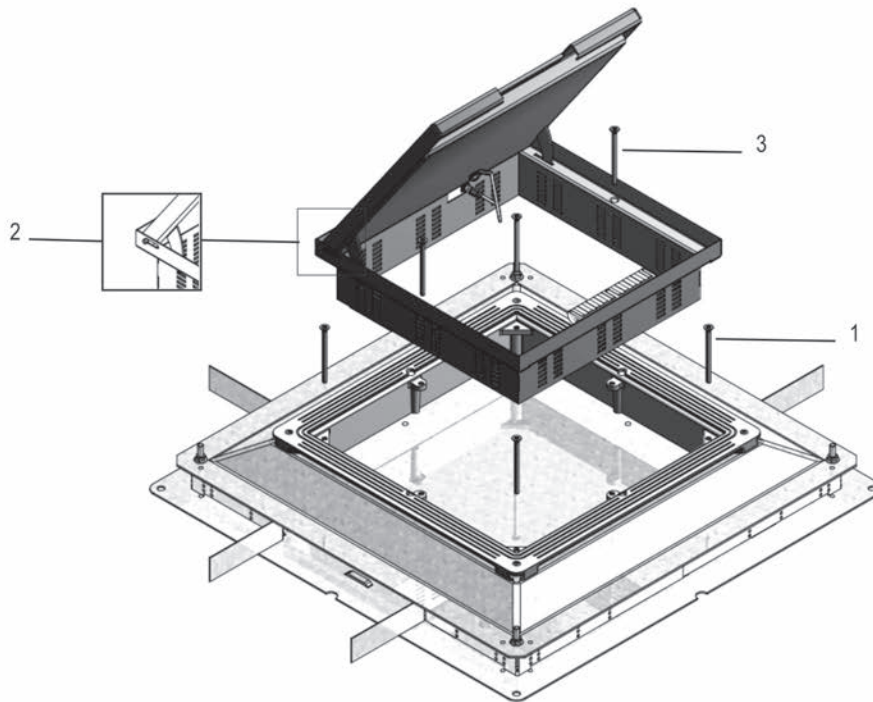
#### MOUNTING AN OHK IN A PANDORA V FLOORBOX

1. Unscrew and remove the 4 bolts BZ 6\*50 from the aluminium frame of the PANDORAV.
2. Bend the OHK extension frame and fix the extension nuts OHM to the PANDORAV floorbox.
3. The aluminium frame of the floorbox is adjustable in height on the extension nuts OHM using the 4 included bolts BZ 6\*30 (OHK 30), BZ 6\*40 (OHK 40) or with the original bolts from the PANDORA V: BZ 6\*50 (OHK 100).

## KDV 5\*182

### Mounting principle

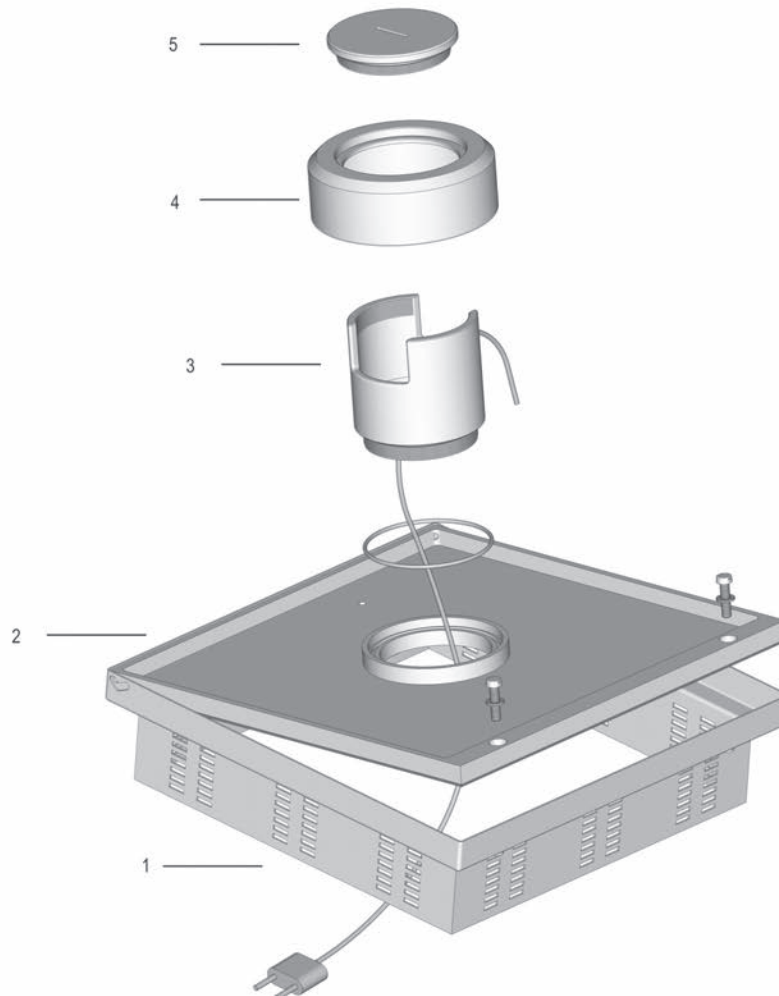


**IKDV****Mounting principle**

1. Fix the 4 long bolts in the corners of the aluminium frame of the PANDORA V floorbox.
2. Level out the IKDV. Open the lid and push it forward in order to access the bolts. Level out by turning the bolts to the desired height.
3. Fix the 2 long bolts in the middle to fasten the IKDV on to the PANDORA V floor box.

**KDVWD**

**Mounting principle**



6

- Remove the cover of the PANDORA V floor box.
- position the necessary apparatus cup clips and mounting plates
  - Screw the frame (1) onto the floor box:by
  - placing the cover (2) upright
  - moving the cover a few cm's from the edge
  - attaching the frame to the floor box using four bolts
  - depth of the cover is 12 mm

**WHEN NOT IN USE**

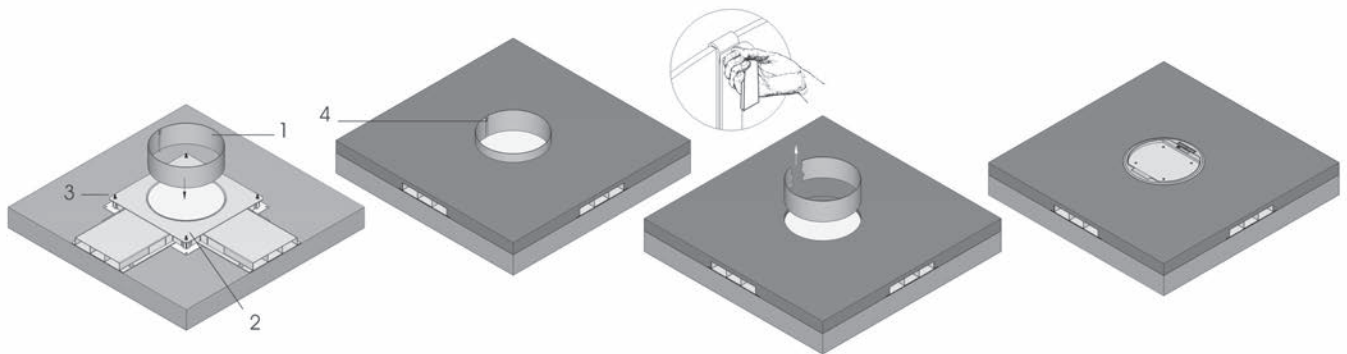
Close of the circular opening of the cover with the little top (5) without making use of the finishing tube (4) and cable feed unit (grommet) (3).

**WHEN IN USE**

attach the cable feed unit (grommet) (3) to the cover.  
 the inner dimension of the cable feed unit is 50 mm.  
 After this complete by adding the finishing cover (4) and the little top (5).  
 the cable feed and cover will protrude 65 mm above the floor tile.

## PANDORA R

### Mounting principle



#### Concept:

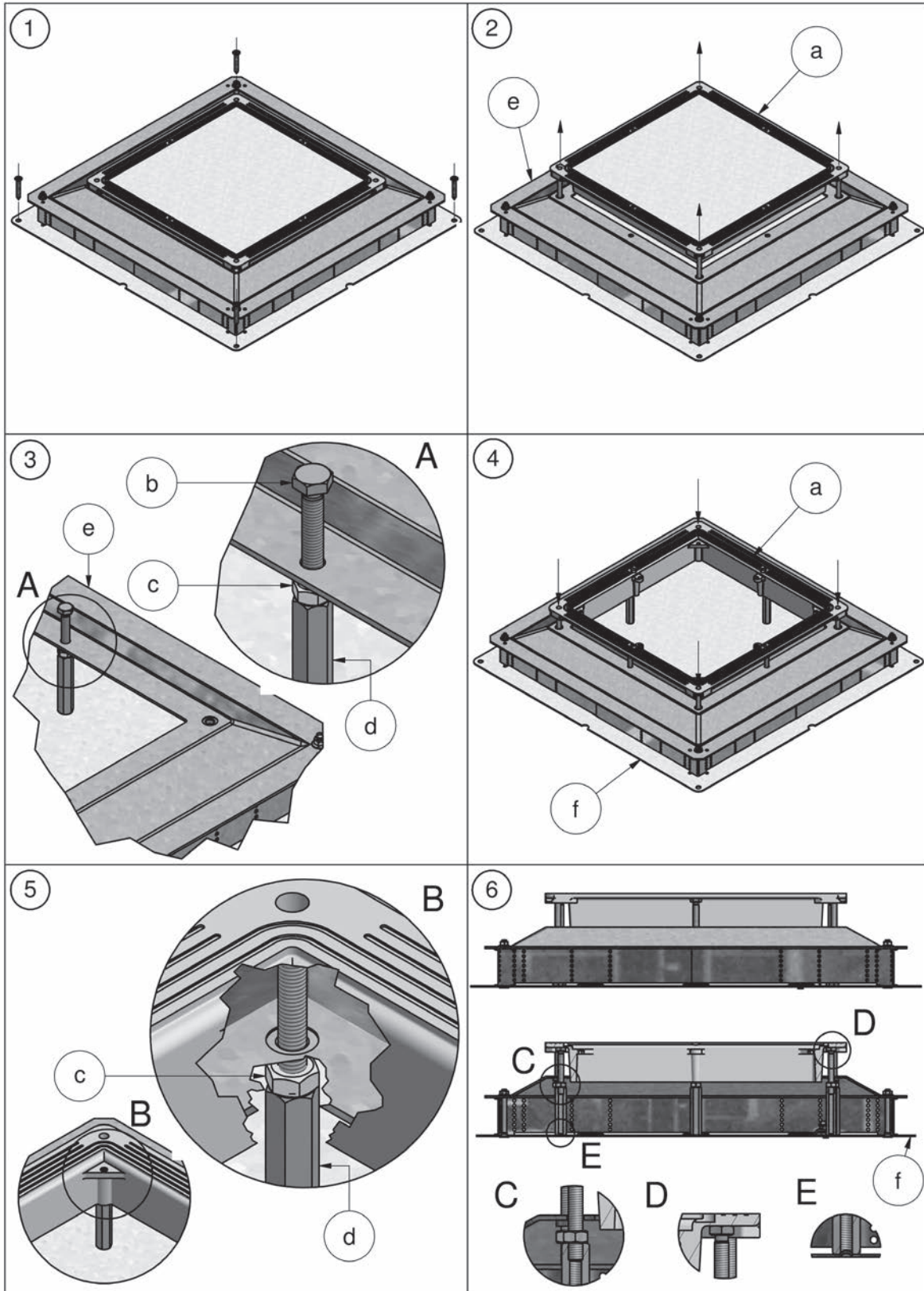
- See PANDORA V
  - A plastic-covered cardboard tube is used (1). This is placed in the aperture of the lid of the PANDORAR R (2).
  - The tube is held in place in turn by a plastic seal (3) around secured around the aperture in the lid.
  - The PANDORA R is fitted with 4 screws that indicate the minimum height of the concrete screed 35 mm (3)
  - The tube is coiled in a spiral shape, and removed once the screed has hardened.
- This is done by means of a strip made out of plastic (4).

#### Benefits for you:

- No longer any need to level.
- No raising frame is needed.
- Since the PANDORA R floorbox and the KDRV 6\*304 are not connected, this provides perfect vibration damping.
- The 4 screws on the corners provide a visual check on the minimum thickness of the concrete screed.
- Only 1 floorbox for the various widths of floor trunking.

**KITZ**

Mounting principle



6

### KITZ

1. Fasten the PANDORAV floor box to the ground using four screws (not supplied).
2. Take the aluminium frame (a) off of the lid (e) of the PANDORAV floor box by unscrewing the four screws found at the corners.
3. Place the four M 6x50 hexagon-head bolts (b) of the KITZ in the openings provided for them in the middle of the lid (e). Screw four M6 nuts (c) onto these screws along the underside of the lid (e) and screw on four M 6x50 coupling sleeves (d) under these nuts.
4. Put the aluminium frame (a) back on the lid (e) and screw the four screws into the corners of the frame so that they protrude from underneath the lid (e).
5. On the underside of the lid (e), fasten four M6 nuts (c) to the screws in the corners and screw on four M 6x50 coupling sleeves (d) under these nuts.
6. Level off the aluminium frame (a) at the desired height. Screw the four M 6x50 bolts upwards until the head supports the aluminium frame (a). Screw all of the coupling sleeves (d) downwards so that they rest against the bottom plate (f) and secure by screwing the M 6 nuts (c) against the M 6x50 coupling sleeves (d). Your PANDORAV floor box can now resist loads weighing up to a maximum of 2 metric tons.

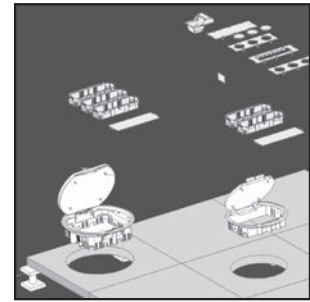


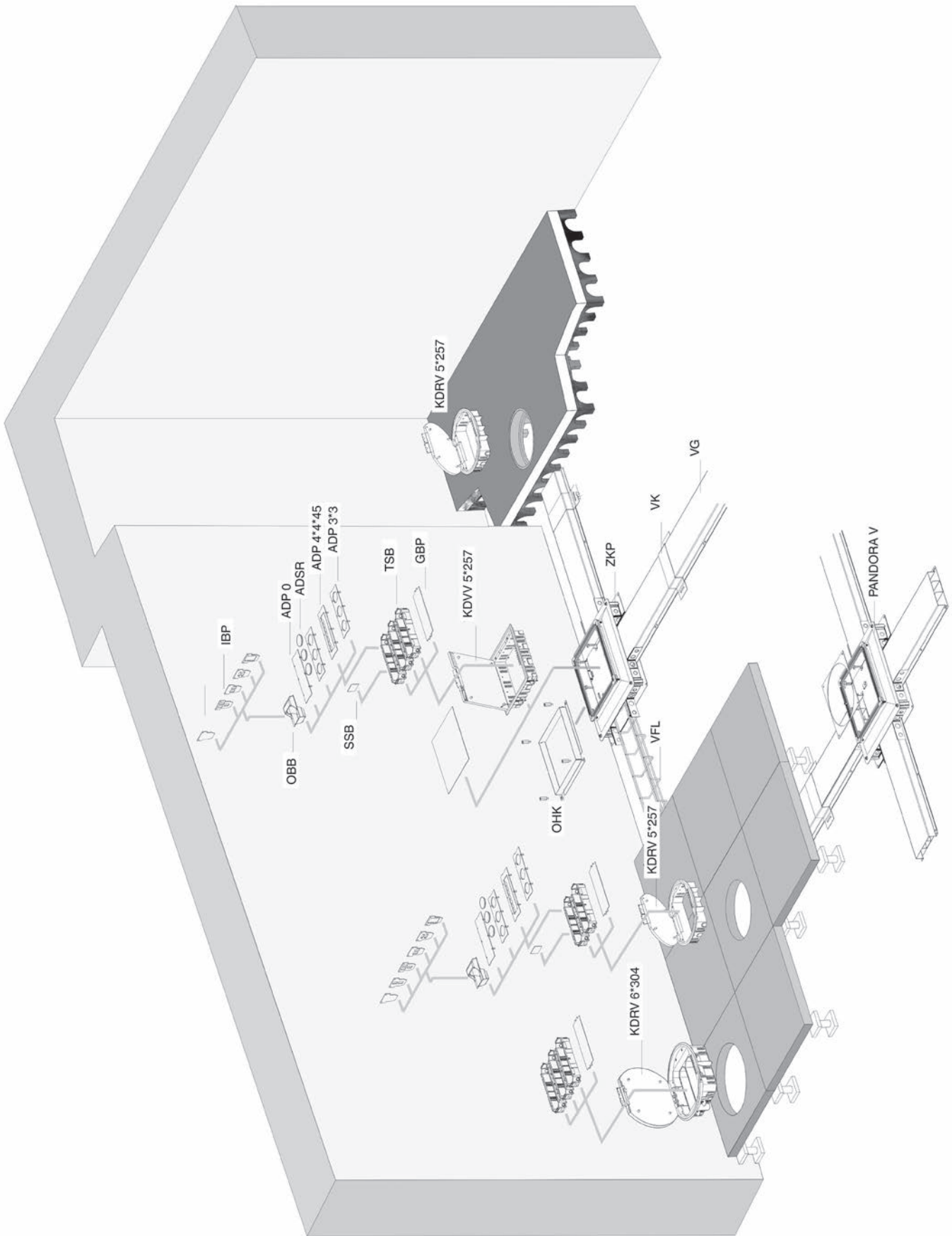


## FLOOR INSTALLATIONS

---

Raised floor system  
Hollow floor system





## RAISED FLOOR SYSTEM

### RAISED FLOOR SYSTEMS

#### GENERAL

In rooms where raised floors are installed, our standard hinged cover sets can be provided with a special fixing set for raised floors.

For the assembly of the hinged cover sets in the floor panels, the following holes should be provided for:

- KDVV 5\*257: 260 mm x 260 mm: clamp range 30-60 mm
- KDRV 5\*257: diameter 260 mm: clamp range 30-60 mm
- KDRV 6\*304 : diameter 306 mm: clamp range 40-70 mm
- KDVV 5\*182: 260 mm x 185 mm: clamp range 30-60 mm
- IKDVV: 260 mm x 260 mm

For the cabling beneath a raised floor, use standard cable channels or wire cable trays. These are placed directly underneath the sub-floor.

The fixing sets for square KDVV 5\*257 hinged cover sets consist of four clips and related screws.

For the round KDRV 5\*257 hinged cover sets, the set consists of two clips and screws.

Both sets can be used universally for floor panels ranging from 30 mm to 60 mm in thickness.

#### ASSEMBLY

Remove the hinged cover from the polypropylene frame for increased ease of installation. The procedure to remove the cover from the round subframe is as follows: push the 2 threads towards the outside and remove the cover by opening it by 20° and taking it out of its articulation at an angle. In the case of a square cover, this is done by opening it by 20° and drawing it out of the hinge at an angle. Once the cover comes lose from the articulation, it is rotated by a quarter of a turn until the position of the far edge of this thread corresponds to the slot in the frame.

The TSB type equipment housings have nine cable inlets (which can be broken away), four in the corners and five in the base. Two pull reliefs are supplied together with four screws for the cable inlets in the corners. These pull reliefs must be turned around in the case of smaller cables.

TSBCL type housings have four cable inlets and are fully clippable.

The six remaining screws are used to install the equipment in the housings (for cover plates which have round holes: ADP 3\*3 for TSB and ADPCL 3\*3 for TSBCL). In the case of module 45 equipment, an ADP 4\*4 is used for the TSB, while the floor serves that purpose with the TSBCL. The striking spines are found on the bottom of the ADP for possible separation between HV and LV.

Feed the cables in through one or more cable inlets and connect the cables to the equipment.

Secure the equipment to the equipment housings. All of the equipment must be marked VDE.

Click the equipment housings from underneath to the desired height in the holes of the polypropylene frame. Press the click fasteners fully in so that they are secured by the barbs on the lips of the click fastener.

Install the cover plates and secure these using the central plates for the installed equipment.

Note: ensure that the cover plates secure the click fasteners of the equipment housings.

If necessary, install a cover plate in the event that only one or two equipment housings are used.

The fixing set for the floor panel is already fitted in the frame. Ensure that the screws are not screwed too far into the clips, taking into account the thickness of the floor panel.

Let the frame with equipment housings drop into the assembly opening of the raised floor.

Screw the frame tight onto the floor panel and install the cable extension block in accordance with the desired direction of opening.

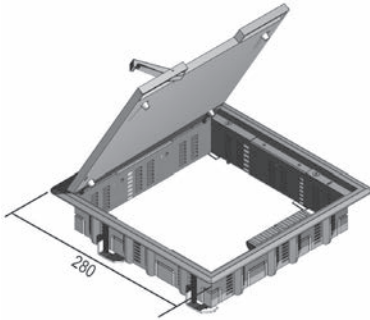
Note : never force the hinged cover from above.

Mount the hinged cover onto the polypropylene frame by placing the screw thread across the opening provided. Next place the cover into the corner together with one of the two hinges. Then place the second of these in the other corner, taking into account a small inclination in relation to the frame.

Note : never force the hinged cover from above.

**KDVV 5\*257**

**Hinged cover square for raised floor**



build-in frame + hinged cover + cable transmit block + floor box clamps

Color	grey RAL 7011 / Black RAL 9011
Max. load	2000 N (small surface area)
Max. load	3000 N (large surface area)
Standard finish	Polypropylene

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	KDVV 5*257 RAL 7011	-	257	-	257	1.570	6	✓	piece
-	KDVV 5*257 RAL 9011	-	257	-	257	1.570	6	✓	piece

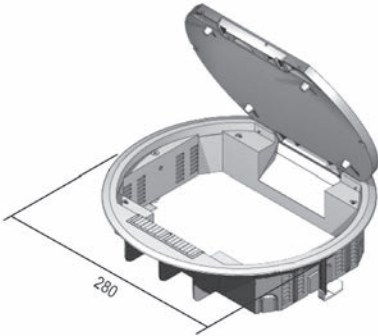
Tested according EN 50085-2-2.

Build-in frame with integrated clamps VDK 4\*30\*60

- the cable transmit is chamfered and can be clipped on
- the cover can be placed in four directions
- the cover must not be earthed
- the cover is provided with one opening lever
- thickness of the metal plate is 3 mm, depth saving = 5 mm
- clamp range between 30 mm and 60 mm
- Cut-aways in the floor panels: 260 mm x 260 mm.
- active condition : IP 20
- non-active condition : IP 30

**KDRV 5\*257**

**Hinged cover round for raised floor**



build-in frame + hinged cover + cable transmit block + floor box clamps

Color	grey RAL 7011 / Black RAL 9011
Max. load	2500 N (small surface area)
Max. load	3000 N (large surface area)
Standard finish	Polypropylene

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	KDRV 5*257 RAL 7011	-	257	-	-	1.460	6	✓	piece
-	KDRV 5*257 RAL 9011	-	257	-	-	1.460	6	✓	piece

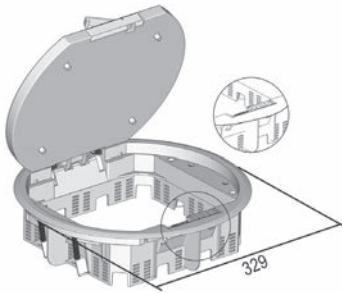
Tested according EN 50085-2-2.

Build-in frame with integrated clamps VDK 2\*30\*60

- the cover can be placed in two directions
- the cover must not be earthed
- thickness of the metal plate 3 mm, depth saving = 5 mm
- cable transmit block with chamfered cable transmit can be clipped
- clamp range between 30 mm and 60 mm
- Cut-aways in the floor panels: diam. 260mm.
- active condition : IP 20
- non-active condition : IP 30

## KDRV 6\*304

### Hinged cover round for raised floor



build-in frame + hinged cover + cable transmit block + floor box clamps

Color	grey RAL 7011 / Black RAL 9011
Max. load	2500 N (small surface area)
Max. load	3000 N (large surface area)
Standard finish	Polyamide

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	KDRV 6*304 RAL 7011	-	304	-	-	1.800	6	✓	piece
-	KDRV 6*304 RAL 9011	-	304	-	-	1.800	6	✓	piece

Tested according EN 50085-2-2.

Different colour on request, 500 pieces per order.

- Hinged cover for 3 apparatus cups.

- 4 integrated clamps VDK 4\*35\*70 that grip the floor laterally
- hinged cover is supplied as standard with a filling frame RKD 3\*304 of 3 mm which means that the standard depth of the cut-out of the cover is 6-8 mm.
- a filling frame RKD 5\*304 of 5 mm is also available, to be ordered separately. Depth of cut-out of the cover is 4-6 mm.
- assembled with 3 mm-thick metal plate
- equipped with self-locking push lever in order to simplify the opening of the cover
- cover is easy to remove
- clamp range between 40 mm and 70 mm (35 mm without the use of a spring)
- Other clamps on demand.
- active condition : IP 20
- non-active condition : IP 30

## KKD

### Cardboard for hinged cover



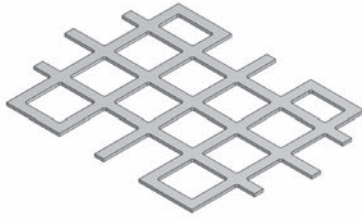
Standard finish

Cardboard

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	KKD 1*304	-	-	1.000	-	0.040	1	✓	piece
-	KKD 3*304	-	-	3.000	-	0.120	1	✓	piece
-	KKD 5*304	-	-	5.000	-	0.200	1	✓	piece

**RKD**

**Filling frame for KDRV 6\*304**



Color	black RAL 9011
Standard finish	Polypropylene

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>RKD 3*304</b>	-	-	3.000	-	0.050	1	✓	piece
-	<b>RKD 5*304</b>	-	-	5.000	-	0.090	1	✓	piece

**RKD 3\*304**

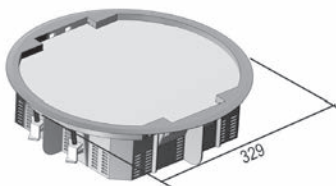
- jack-up screen 3 mm thick
- is mounted below the metal plate in the lid of the KDRV 6x304
- this screen allows the lid recess to be adjusted to suit your requirements

**RKD 5\*304**

- jack-up screen 5 mm thick
- is mounted below the metal plate in the lid of the KDRV 6x304
- this screen allows the lid recess to be adjusted to suit your requirements

**BDRV 11\*304**

**Blind cover round for raised floor**



Draw-in box + floor box clamps	
Color	grey RAL 7011 / Black RAL 9011
Max. load	2500 N (small surface area)
Max. load	3000 N (large surface area)
Standard finish	Polyamide

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>BDRV 11*304 RAL 7011</b>	-	304	-	-	1.800	6	✓	piece
-	<b>BDRV 11*304 RAL 9011</b>	-	304	-	-	1.800	6	✓	piece

Tested according EN 50085-2-2.  
Different colour on request, 500 pieces per order

- 4 integrated clamps VDK 4\*35\*70 that grip the floor laterally
  - cover recessed to a depth of 11 mm
  - filling to be ordered separately and available in depths of 1-3 and 5 mm
  - assembled with 3 mm-thick metal plate
  - deeper recess possible, varies between 30 and 60 mm
  - clamp range between 40 mm and 70 mm (35 mm without the use of a spring)
- Other clamp ranges on demand.  
- non-active condition : IP 30

## KDVV 5\*182

### Hinged cover square



Color	grey RAL 7011 / Black RAL 9011
Max. load	2000 N (small surface area)
Max. load	3000 N (large surface area)
Standard finish	Polypropylene

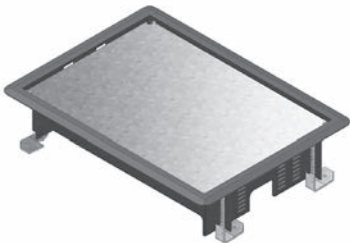
HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	KDVV 5*182 RAL 7011	-	182	-	257	1.570	6	✓	piece
-	KDVV 5*182 RAL 9011	-	182	-	257	1.570	6	✓	piece

Tested according EN 50085-2-2.  
Build-in frame with integrated clamps VDK 4\*30\*60

- the cable transmit is chamfered and can be clipped on
- the cover can be placed in 2 directions
- the cover must not be earthed
- the cover is provided with one opening lever
- thickness of the metal plate is 3 mm, depth saving = 5 mm
- clamp range between 30 mm and 60 mm
- Cut-aways in the floor panels: 260 mm x 185 mm.
- active condition : IP 20
- non-active condition : IP 30

## BDVV 5\*182

### Blind cover rectangular



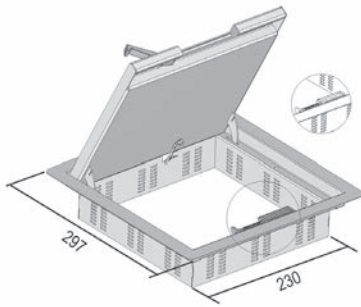
Color	grey RAL 7011
Max. load	1500 N (small surface area)
Max. load	2000 N (large surface area)
Standard finish	Polypropylene

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	BDVV 5*182 RAL 7011	-	182	-	257	0.980	6	✓	piece

- Tested according EN 50085-2-2.
- The blind cover is fixed in the bottom box with 4 clamps VDK 4\*30\*60.
  - The blind cover consists of a metal plate and an outer edge in synthetic material.
  - Thickness of the metal plate is 2 mm.
  - Depth saving without cartonboard 8 mm.
  - Depth saving with cartonboard 5 mm.
  - The cartonboard is standard included.
  - Non-active condition : IP 30.
  - Cut-aways in the floor panels: 260 mm x 185 mm

**IKDVV**

**Hinged cover square for raised floor**



Build-in frame + tileframe + cable transmit block

Max. load 2000 N (small surface area)

Max. load 3000 N (large surface area)

Standard finish Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	IKDVV 16*257	-	257	-	257	1.680	1	✓	piece
-	IKDVV 26*257	-	257	-	257	1.900	1	✓	piece

Tested according EN 50085-2-2.

- depth of cover cut-out : IKDVV 16\*257 : 16 mm
- depth of cover cut-out : IKDVV 26\*257 : 26 mm
- self-supporting stainless frame
- easily mounted on floor with assembly glue (ordered separately)
- first de-grease, then secure with silicon.
- allow to dry for 24 hrs.
- fitted with potential connection between cover and subframe
- the stroke arrester can be pushed to one side, making it possible to set the lid straight and thus leading to easier assembly
- electrical apparatus may only be built in if the floor is cleaned with a dry or a moist floorcloth.
- Cut-aways in the floor panels: 260 mm x 260 mm.
- active condition : IP 20
- non-active condition : IP 30



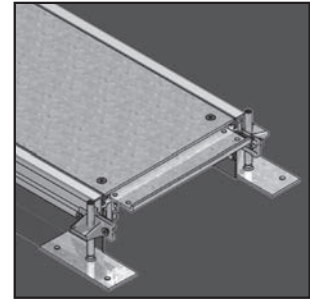


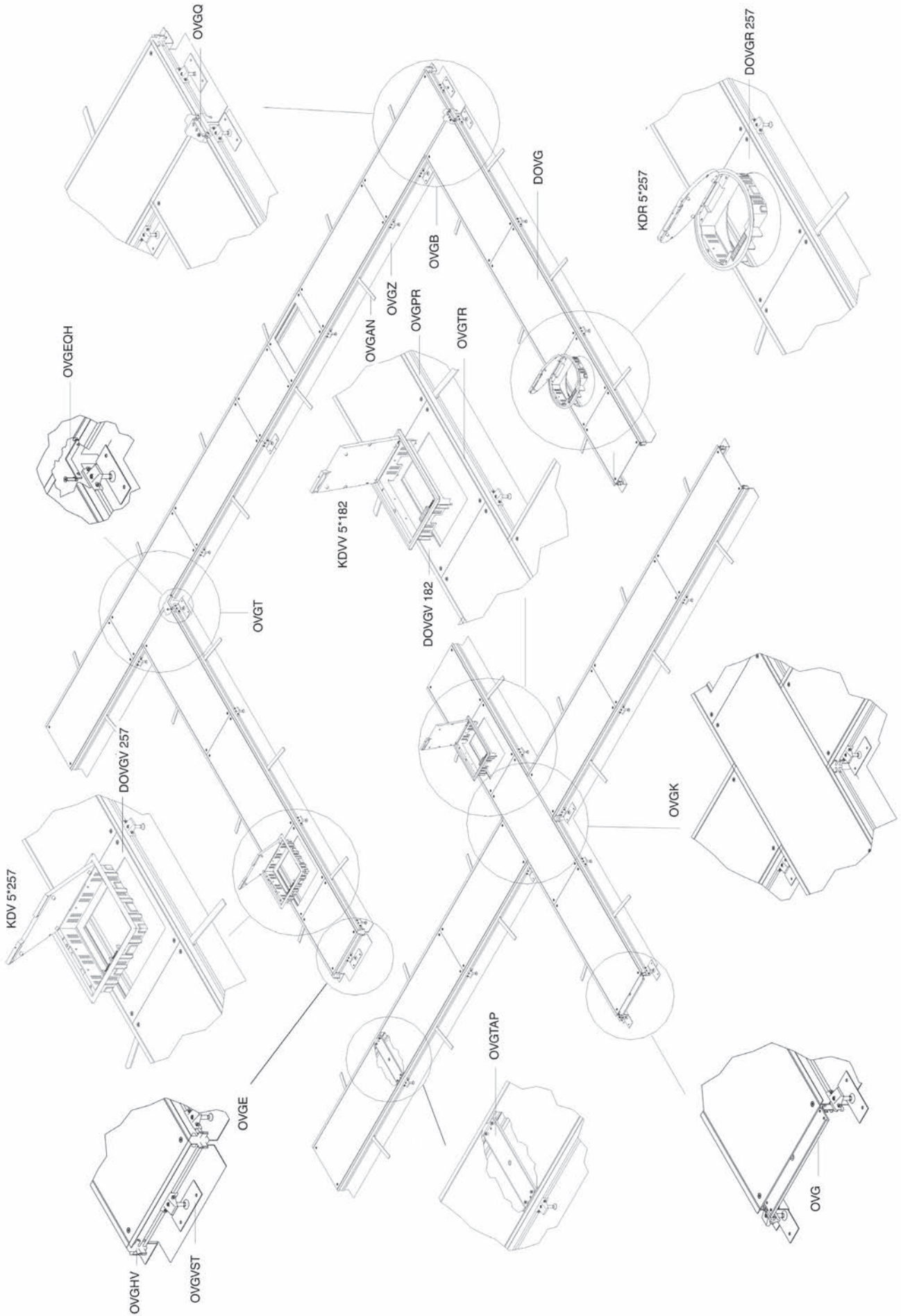


## FLOOR INSTALLATIONS

---

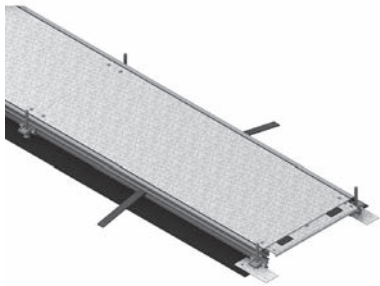
Flush floor trunking system





## OVG

### Open flush floor trunking



Ideal for frequent addition or removal of cables. For both new constructions and renovations.

On Demand til height 150 mm

Standard finish

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊞	Stock	Unit
-	OVG 200*3	55-110	200	3.000	2400	7.610	2,4	✓	m
-	OVG 300*3	55-110	300	3.000	2400	10.200	2,4	✓	m
-	OVG 400*4	55-110	400	4.000	2400	15.920	2,4	✓	m

More technical specifications for this product can be found at the end of this chapter.

Tested according EN 50085-2-2.

- used in screeded floors to be finished with carpet or vinyl
- levelling range: 55 to 110 mm
- hinged covers can be mounted from levelling height 70
- universal side for all levelling heights
- straightforward assembly of accessories with plastic corner connector
- provided with concrete anchor of polypropylene

#### Assembly

Each flush floor trunking comes standard with the following products.

- 2 Extrusion profile (OVGPR)
- 2 Universal sides (OVGZ)
- 3 Cross bars (OVGTR)
- 2 Carpet borders (OVGTAP)\*
- 3 Sealed covers (DOVG)
- 6 Levelling pieces
- 12 Taperedhead metal screws (ST 4.8x23)
- 6 Screed anchor (OVGAN)
- 12 Tapered head bolts (B 5\*16)
- 6 Levelling screws
- 2 Baseplates

\* Gauge of OVGTAP depends on the gauge of the cover.

## DOVG

### Cover for flush floor trunking



Standard finish

Pre-galvanised

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	DOVG 200*3	-	200	3.000	800	3.780	1		piece
-	DOVG 300*3	-	300	3.000	800	5.660	1		piece
-	DOVG 400*4	-	400	4.000	800	10.860	1		piece

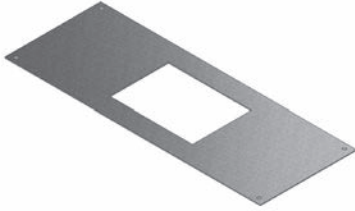
**DOVGV 182**

**Cover for flush floor trunking**

For hinged cover KDV 5\*182

Standard finish

Pre-galvanised



HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	DOVGV 200*3*182	-	200	3.000	800	2.650	1		piece
-	DOVGV 300*3*182	-	300	3.000	800	4.540	1		piece
-	DOVGV 400*4*182	-	400	4.000	800	8.580	1		piece

- Clamps VDK 4\*3\*30 should be ordered separately.
- Replace the cover where you want to mount the flush mounting unit with a cover for the relevant flush mounting unit
- Place the flush mounting unit in the opening provided
- Fasten the flush mounting unit by tightening the clamps

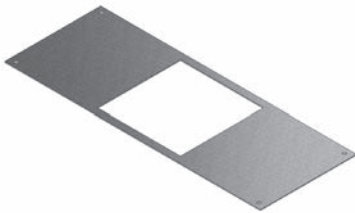
**DOVGV 257**

**Cover for flush floor trunking**

For hinged cover KDV 5\*257 and IKDVV

Standard finish

Pre-galvanised



HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	DOVGV 300*3*257	-	300	3.000	800	4.100	1		piece
-	DOVGV 400*4*257	-	400	4.000	800	7.860	1		piece

- KDV 5\*257: Clamps VDK 4\*3\*25 should be ordered separately
- IKDVV: Clamps VDK 2\*25\*55 should be ordered separately
- Replace the cover where you want to mount the flush mounting unit with a cover for the relevant flush mounting unit
- Place the flush mounting unit in the opening provided
- Fasten the flush mounting unit by tightening the clamps

**DOVGR 257**

**Cover for flush floor trunking**

For hinged cover KDR 5\*257

Standard finish

Pre-galvanised

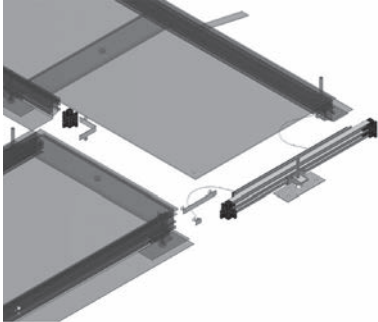


HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	DOVGR 300*3*257	-	300	3.000	800	4.400	1		piece
-	DOVGR 400*4*257	-	400	4.000	800	8.400	1		piece

- Clamps VDK 2\*3\*25 should be ordered separately
- Replace the cover where you want to mount the flush mounting unit with a cover for the relevant flush mounting unit
- Place the flush mounting unit in the opening provided
- Fasten the flush mounting unit by tightening the clamps

## OVGB

### Bend for flush floor trunking



connection angle (OVGHV) + end part (OVGE) + crossbar + 2 earth conductors (OVGEQ - OVGEQH)

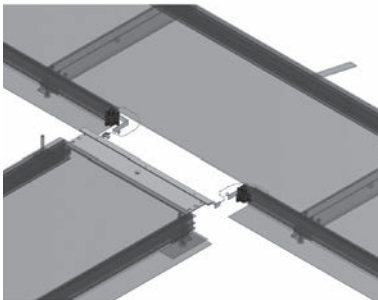
Standard finish

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	OVGB 200*3	-	200	3.000	-	0.320	1	✓	piece
-	OVGB 300*3	-	300	3.000	-	0.540	1	✓	piece
-	OVGB 400*4	-	400	4.000	-	0.740	1	✓	piece

More technical specifications for this product can be found at the end of this chapter.

## OVGT

### T-piece for flush floor trunking



2 connection angles (OVGHV) + crossbar + 2 earth conductor clamps (OVGEQH) + 2 earthing straps

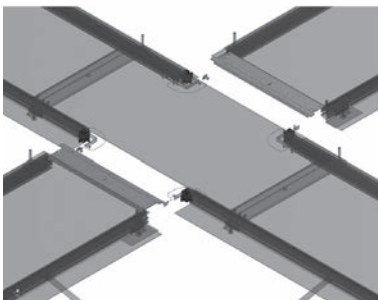
Standard finish

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	OVGT 200*3	-	200	3.000	-	0.130	1	✓	piece
-	OVGT 300*3	-	300	3.000	-	0.160	1	✓	piece
-	OVGT 400*4	-	400	4.000	-	0.130	1	✓	piece

More technical specifications for this product can be found at the end of this chapter.

## OVGK

### Cross piece for flush floor trunking



4 connection angles (OVGHV) + 2 crossbars + 4 earth conductor clamps (OVGEQH) + 4 earthing straps

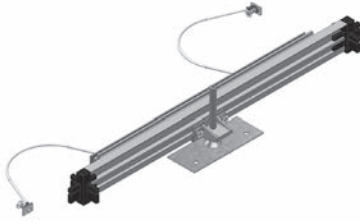
Standard finish

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	OVGK 200*3	-	200	3.000	-	0.260	10	✓	piece
-	OVGK 300*3	-	300	3.000	-	0.320	10	✓	piece
-	OVGK 400*4	-	400	4.000	-	0.260	10	✓	piece

More technical specifications for this product can be found at the end of this chapter.

**OVGE**

**End part for flush floor trunking**



2 connection angles (OVGHV) + end part + bottom (OVGVST) + 2 earthing straps

Standard finish

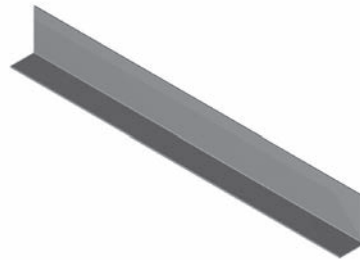
HD	Reference	↑ mm	↔ mm	≡ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	OVGE 200*3	-	200	3.000	-	0.220	1	✓	piece
-	OVGE 300*3	-	300	3.000	-	0.330	1	✓	piece
-	OVGE 400*4	-	400	4.000	-	0.480	1	✓	piece

More technical specifications for this product can be found at the end of this chapter.

- for sealing the end of your open flush floor trunking
- these are slid into the conduit using the 2 plastic corner connectors
- level it so that the unit is properly supported
- connect the earthing cables

**OVGZ**

**Universal side for flush floor trunking**



Color Black RAL 9011

Standard finish Polyvinyl chloride

HD	Reference	↑ mm	↔ mm	≡ mm	↔ mm	kg/m	⊞	Stock	Unit
-	OVGZ	-	-	-	2400	0.370	2,4		m

**OVGPR**

**Extrusion profile flush floor trunking**



Standard finish Aluminium

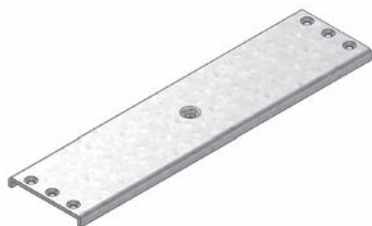
HD	Reference	↑ mm	↔ mm	≡ mm	↔ mm	kg/m	⊞	Stock	Unit
-	OVGPR	-	-	-	2400	0.810	2,4		m
-	OVGPR 4	-	-	-	2400	0.810	2,4		m



## OVGTR

### Crossbar for flush floor trunking

Additional support to mount the covers



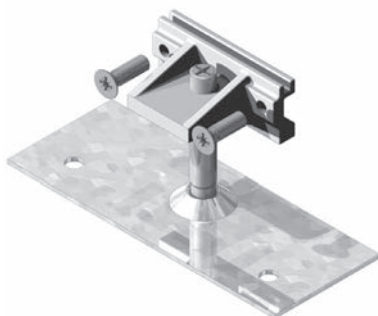
Standard finish

Pre-galvanised

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	OVGTR 200	-	-	-	200	0.330	10		piece
-	OVGTR 300	-	-	-	300	0.520	10		piece
-	OVGTR 400	-	-	-	400	0.710	10		piece

## OVGVST

### Bottom for flush floor trunking



Standard finish

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	OVGVST	-	-	-	-	0.110	12		piece

## OVGAN

### Screed anchor for flush floor trunking



Color

black RAL 9011

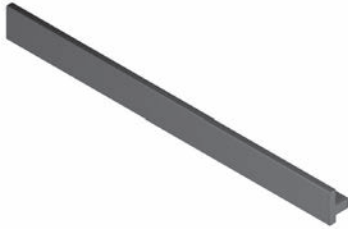
Standard finish

Polypropylene

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	OVGAN	-	-	-	-	0.010	500		piece

**OVGTAP**

**Carpet border for flush floor trunking**



Color	Black RAL 9011
Standard finish	Polyvinyl chloride

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊞	Stock	Unit
-	OVGTAP 3	-	-	-	2400	0.090	2,4		m
-	OVGTAP 4	-	-	-	2400	0.090	2,4		m

Gauge of OVGTAP depends on the gauge of the cover.

**OVGHV**

**Connection angle for flush trunking**



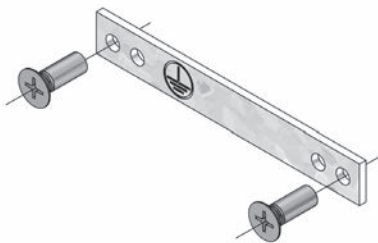
Color	Black RAL 9011
Standard finish	Polypropylene

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	OVGHV	-	-	-	-	0.010	100		piece

6

**OVGEQ**

**Earth conductor clamp for flush trunking**



Standard finish	Pre-galvanised
-----------------	----------------

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	OVGEQ	-	-	-	-	0.020	50		piece

## OVGEQH

### Earth conductor clamp for flush trunking



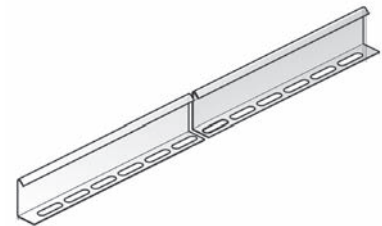
Standard finish

Pre-galvanised

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	OVGEQH	-	-	-	-	0.020	50		piece

## SLOS

### Division plate free



Standard finish

Pre-galvanised

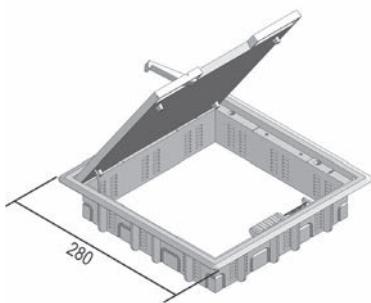
Optional finish 1

Hot-dip galvanised

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/m	⊞	Stock	Unit
HD	SLOS 35	35	-	-	3000	0.330	150	✓	m
HD	SLOS 60	60	-	-	3000	0.510	120	✓	m
HD	SLOS 85	85	-	-	3000	0.680	60	✓	m
HD	SLOS 110	110	-	-	3000	0.820	3	✓	m

## KDV 5\*257

### Hinged cover square



build-in frame + hinged cover + cable transmit block

Color grey RAL 7011 / Black RAL 9011

Max. load 1500 N (small surface area)

Max. load 3000 N (large surface area)

Standard finish

Polypropylene

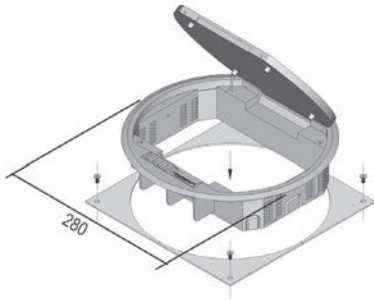
HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	KDV 5*257 RAL 7011	-	257	-	257	1.570	6	✓	piece
-	KDV 5*257 RAL 9011	-	257	-	257	1.570	6	✓	piece

Tested according EN 50085-2-2.

- build-in frame screwed on the floor box b.m.o. 4 bolts
- the cable transmit is chamfered and can be clipped on
- the cover can be placed in four directions
- the cover must not be earthed
- the cover is provided with the cable transmit and one opening lever
- thickness of the metal plate is 3 mm, depth saving = 5 mm.
- active condition : IP 20
- non-active condition : IP 30

**KDR 5\*257**

**Hinged cover round**



build-in frame + hinged cover + cable transmit block

Color	grey RAL 7011 / Black RAL 9011
Max. load	2500 N (small surface area)
Max. load	3000 N (large surface area)
Standard finish	Polypropylene

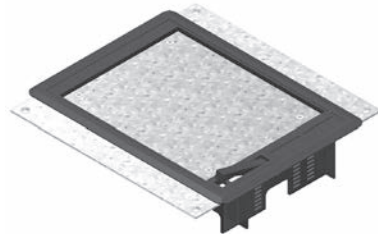
HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>KDR 5*257 RAL 7011</b>	-	257	-	-	1.460	6	✓	piece
-	<b>KDR 5*257 RAL 9011</b>	-	257	-	-	1.460	6	✓	piece

Tested according EN 50085-2-2.

- the four build-in angles are fixed with 4 bolts
- the build-in frame is screwed in the floor box b.m.o. 2 bolts
- the cover can be placed in two directions
- the cover must not be earthed
- thickness of the metal plate is 3 mm, depth saving = 5 mm
- cable transmit block with chamfered cable transmit can be clipped.
- active condition : IP 20
- non-active condition : IP 30

**KDV 5\*182**

**Hinged cover rectangular**



Color	grey RAL 7011 / Black RAL 9011
Max. load	1500 N (small surface area)
Max. load	3000 N (large surface area)
Standard finish	Polypropylene

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>KDV 5*182 RAL 7011</b>	-	182	-	257	1.450	1		piece
-	<b>KDV 5*182 RAL 9011</b>	-	182	-	257	1.450	1		piece

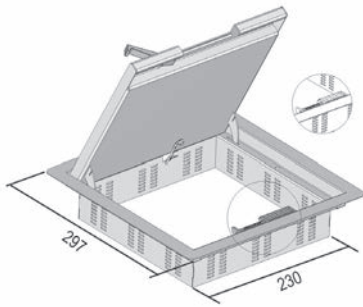
More technical specifications for this product can be found at the end of this chapter.

Tested according EN 50085-2-2.

- the 2 build-in pieces are fixed into the floorbox with 4 bolts BZ 4\*16
- the hinged cover is screwed in the floor box using 2 bolts BZ 4\*10
- the cover can be placed in four directions
- the cover must not be earthed
- thickness of the metal plate is 3 mm, depth saving = 5 mm
- cable transmit block with chamfered cable transmit can be clipped
- active condition : IP 20
- non-active condition : IP 30

**IKDVV**

**Hinged cover square for raised floor**



Build-in frame + tileframe + cable transmit block

Max. load 2000 N (small surface area)

Max. load 3000 N (large surface area)

Standard finish Stainless Steel 316

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	IKDVV 16*257	-	257	-	257	1.680	1	✓	piece
-	IKDVV 26*257	-	257	-	257	1.900	1	✓	piece

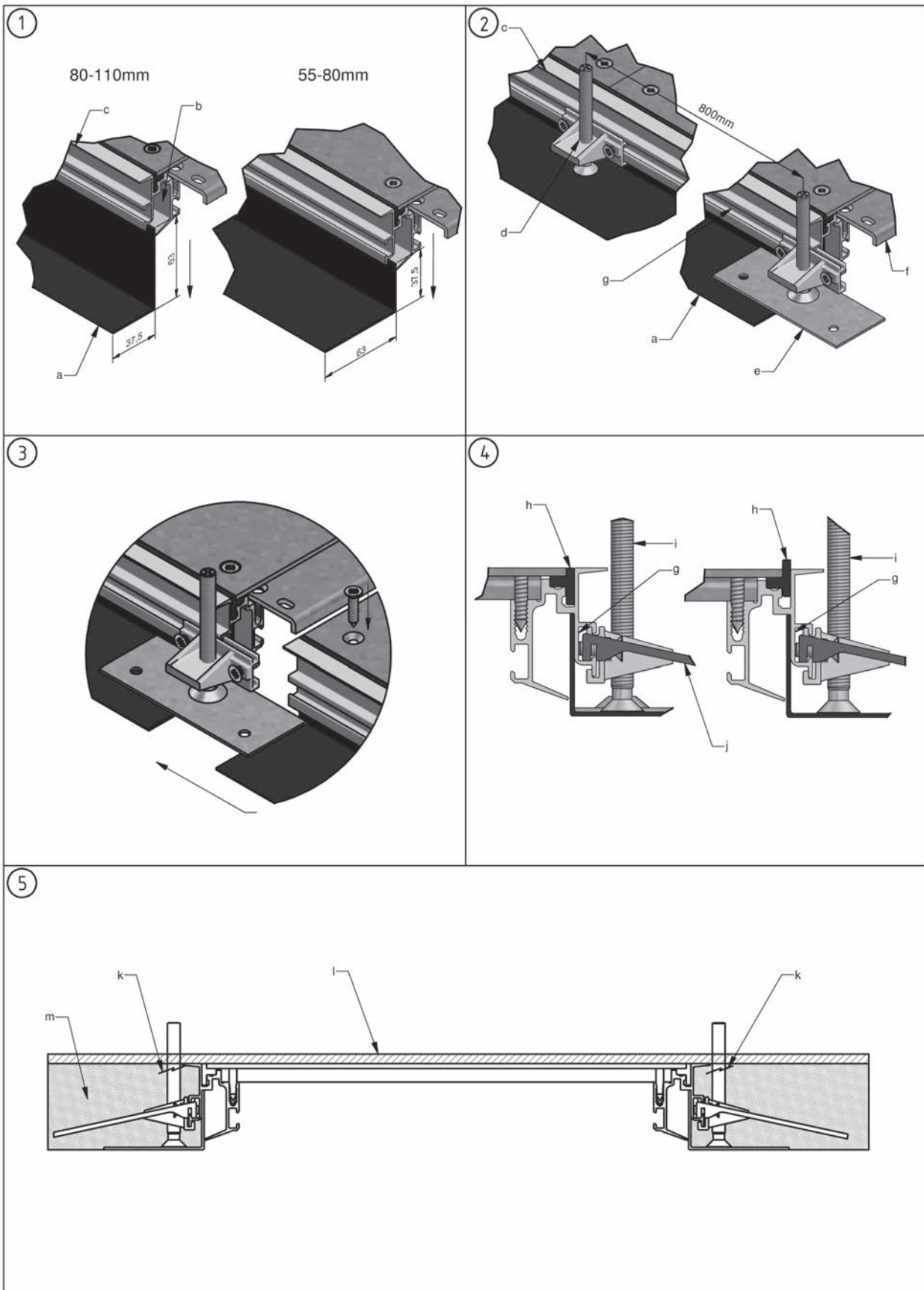
Tested according EN 50085-2-2.

- depth of cover cut-out : IKDVV 16\*257 : 16 mm
- depth of cover cut-out : IKDVV 26\*257 : 26 mm
- self-supporting stainless frame
- easily mounted on floor with assembly glue (ordered separately)
- first de-grease, then secure with silicon.
- allow to dry for 24 hrs.
- fitted with potential connection between cover and subframe
- the stroke arrester can be pushed to one side, making it possible to set the lid straight and thus leading to easier assembly
- electrical apparatus may only be built in if the floor is cleaned with a dry or a moist floorcloth.
- Cut-aways in the floor panels: 260 mm x 260 mm.
- active condition : IP 20
- non-active condition : IP 30



**OVG**

**Mounting principle**



**OVG**

## Assembly

Each flush floor trunking comes standard with the following products.

- 2 Extrusion profile (OVGPR)
- 2 Universal sides (OVGZ)
- 3 Cross bars (OVGTR)
- 2 Carpet borders (OVGTAP)\*
  
- 3 Sealed covers (DOVG)
- 6 Levelling pieces
- 12 Taperedhead metal screws (ST 4.8x23)
- 6 Screed anchor (OVGAN)
- 12 Tapered head bolts (B 5\*16)
- 6 Levelling screws
- 2 Baseplates

\* Gauge of OVGTAP depends on the gauge of the cover.

## Mounting

- 1) Slip the OVGZ (a) into the chamber (b) of the OVGPR (c). A levelling range of 55-80 mm is obtained by placing the OVGZ with its longest side on the ground. A levelling range of 80-110 mm is obtained by placing the OVGZ with its shortest side on the ground
- 2) Mount 3 OVGSTs (d) per OVGPR (c). The 2 OVGST provided with a baseplate (e) are mounted at the end where an OVGTR (f) has been placed. These 2 OVGST must be positioned so that they overlap the duct with half of their length. The preassembled baseplates (e) must abut against the OVGZ (a). Mount the other OVGST's at intervals of 800 mm. Extra OVGSTs can be easily added by hooking them into the slot provided (g) in the OVGPR
- 3) The 2 OVGST, which overlap the duct, will be used for coupling with the abutting length.
- 4) Determine how you will use the OVGTAP 3 (h): flush mounted or not. Turn levelling screws (i) to the right for levelling up. Turn levelling screws (i) to the left for levelling down. Hook the OVGAN (j) into the slot (g) in the OVGPR. Make sure to seal up any openings with adhesive tape.
- 5) The system can now be filled with screed (m) and subsequently finished with carpet (l).

## Remark

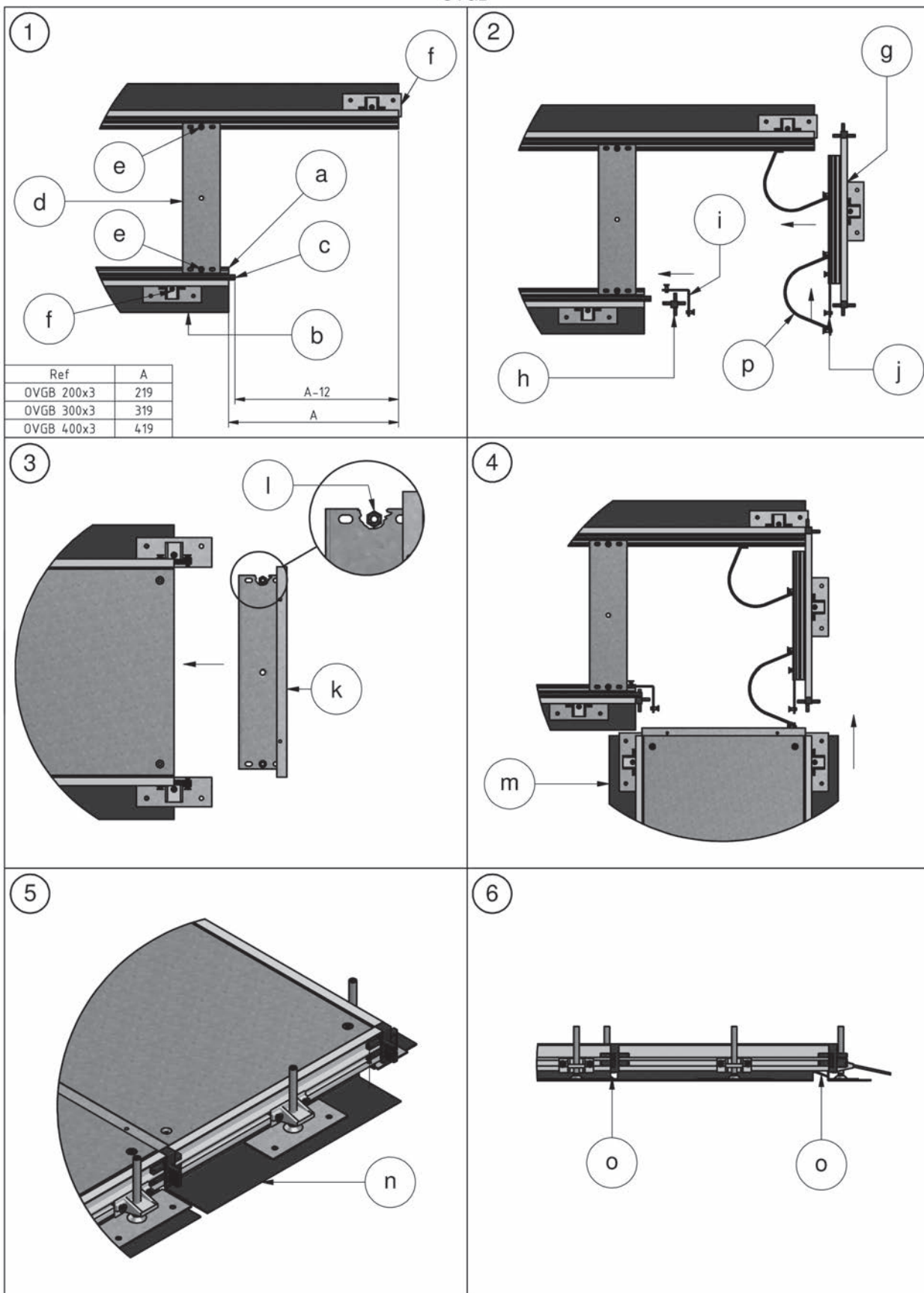
! To obtain a levelling height of less than 80 mm, shorten the levelling screws to below the top of the aluminium section (k) before pouring the screed (m).

! Note: when laying or removing cables we advise you not to remove the traverses between the aluminium sections.



**OVGB**

**Mounting principle**



**OVGB**

## Assembly

Each bend for flush floor trunking comes standard with the following products.

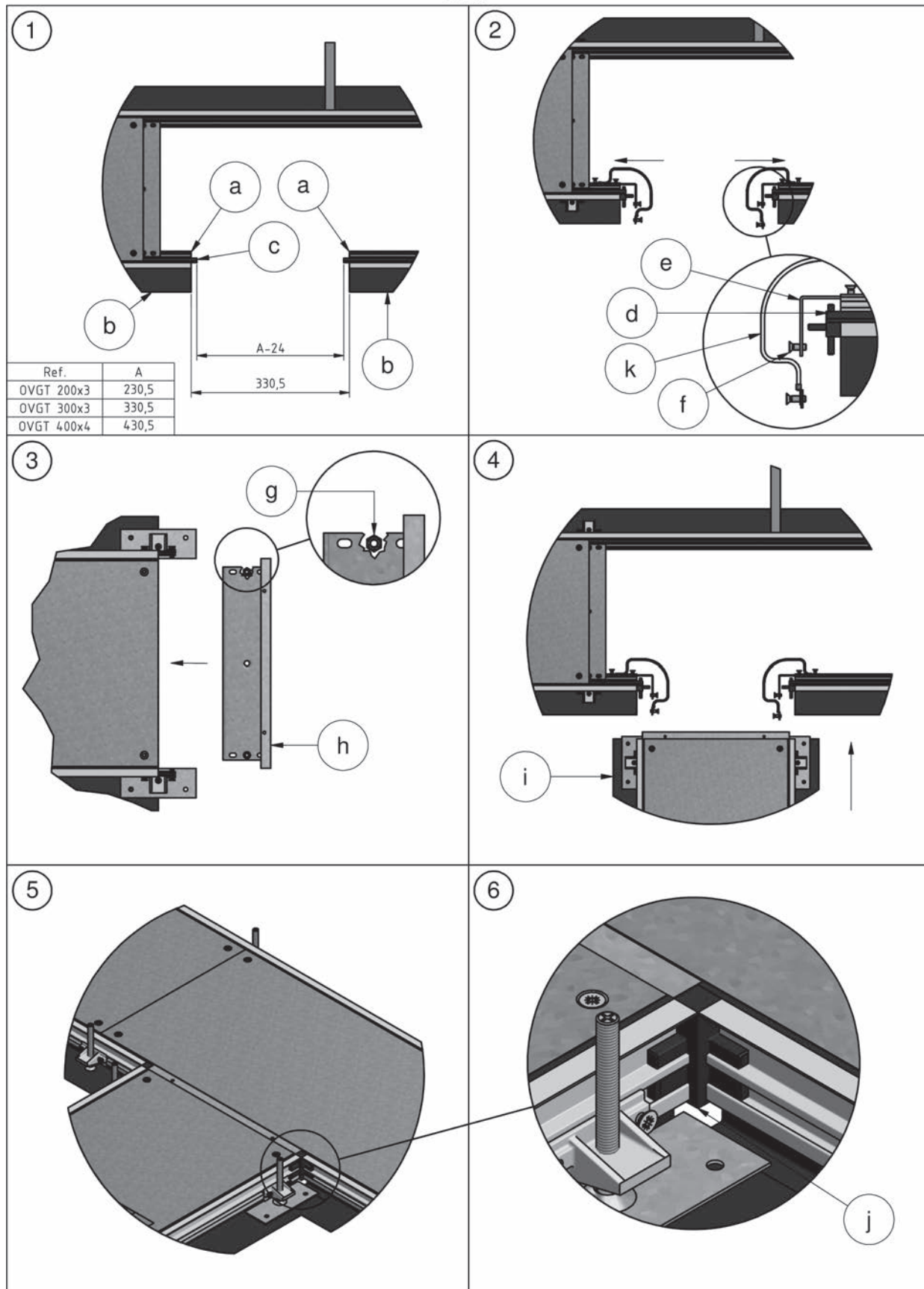
- 1 connection angle (OVGHV)
- 1 end part (OVGE)
- 1 crossbar
- 1 earth conductors (OVGEQ - OVGEQH)

## Mounting

1. Remove the length stated in the table from the aluminium profile (a) and the side section (b). Remove a section from the carpet surround that is 12 mm shorter. Move the de traverse section (d) of the end section so that it is positioned between the two profiles and fasten with the two screws (e). Reposition the feet (f) as shown in the drawing.
2. Position the earthing strap under corner (i) along with the plastic corner connector (h) in the aluminium profiles of the section which you want to branch off from. Fasten the right earthing clamp (j) the plastic corner connector (h) and the 2 earthing cables (p) in the aluminium profile of the end section. Slide the end section (g) onto the section you want branch off from and connect 1 earthing cable.
3. Locate the traverse for the supports (k) under the cover of the section from which you are branching off. In order to hold the traverse section at the right level the M6 bolts supplied (l) must be positioned under the most central opening along both sides of the traverse section. Attach the top to the traverse section making use of the most central opening.
4. Slide the section you want to branch off from (m) on to the plastic corner connectors that you have attached to the section from which you want to branch off.
5. Cut to size a surplus section of the side (n) so this can be slid into the end section in order to close it off. Line everything up.
6. Seal off all openings (for example o) with adhesive tape.

**OVGT**

**Mounting principle**



**OVGT**

## Assembly

Each T-piece for flush floor trunking comes standard with the following products.

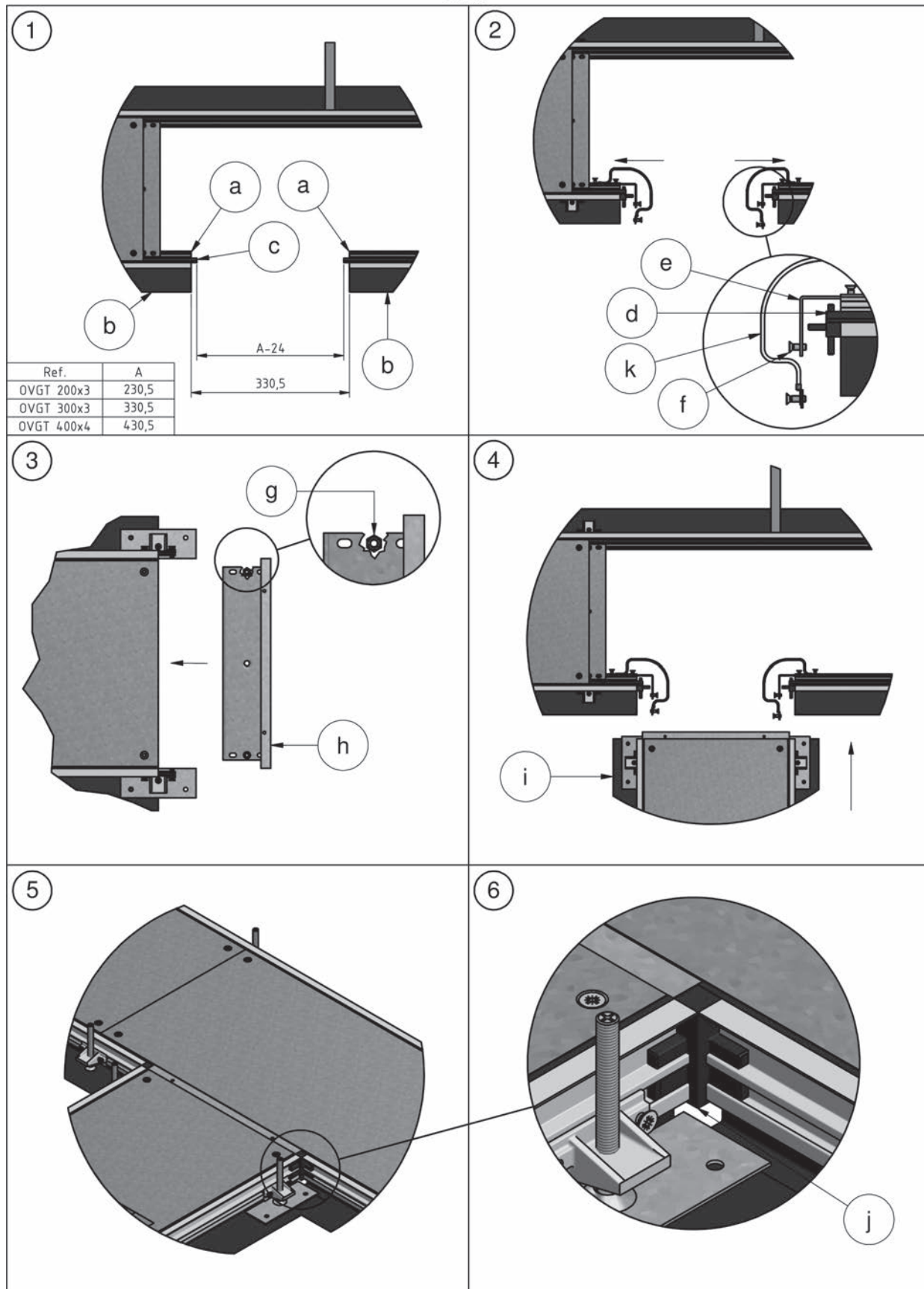
- 2 connection angles (OVGHV)
- 1 crossbar
- 2 earth conductor clamps (OVGEQH)
- 2 earthing straps

## Mounting

1. Remove the length stated in the table from the aluminium profile (a) and the side section (b). Remove a section that is 24mm shorter from the carpet surround (c) so that the edges extend on both sides of the aluminium profile by 12mm.
2. Locate both earthing straps under corner (e) along with the 2 plastic corner connectors (d) and the 2 earthing cables (k) in the aluminium profiles of the section from which you want to branch off. Fix in position the earth straps (e) and the 2 earthing cables (k) using the M5 screws provided (f).
3. Position the traverse section (h) for the supports under the cover of the sections you want to branch off from. In order to hold the traverse section in the right position you must locate the M6 bolts provided at both sides in the most central hole of the traverse section. Attach the top to the traverse section making use of the most central opening of the traverse section.
4. Slide the section which you want to branch off from (i) onto the plastic corner connectors and the earthing straps which you have attached to the section you want to branch off to. Connect the 2 earthing cables (k).
5. Align all components until everything is in line.
6. Close up all openings (for example j) with adhesive tape.

**OVGK**

**Mounting principle**



**OVGK****Assembly**

Each cross piece for flush floor trunking comes standard with the following products.

- 4 connection angles (OVGHV)
- 2 crossbars
- 4 earth conductor clamps (OVGEQH)
- 4 earthing straps

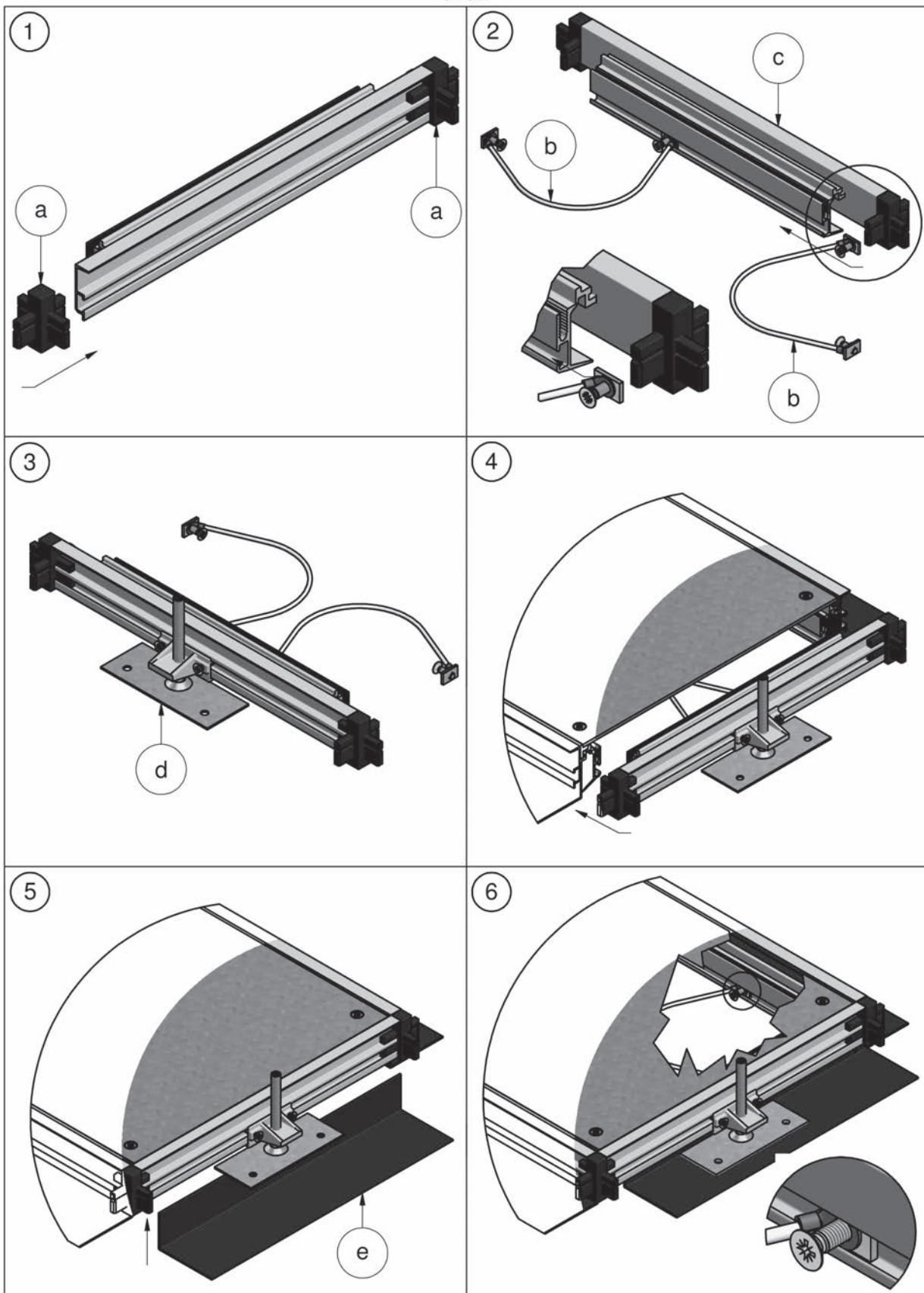
**Mounting**

Please execute below mounting principle at both sides of the OVG.

1. Remove the length stated in the table from the aluminium profile (a) and the side section (b). Remove a section that is 24mm shorter from the carpet surround (c) so that the edges extend on both sides of the aluminium profile by 12mm.
2. Locate both earthing straps under corner (e) along with the 2 plastic corner connectors (d) and the 2 earthings cables (k) in the aluminium profiles of the section from which you want to branch off. Fix in position the earth straps (e) and the 2 earthings cables (k) using the M5 screws provided (f).
3. Position the traverse section (h) for the supports under the cover of the sections you want to branch off from. In order to hold the traverse section in the right position you must locate the M6 bolts provided at both sides in the most central hole of the traverse section. Attach the top to the traverse section making use of the most central opening of the traverse section.
4. Slide the section which you want to branch off from (i) onto the plastic corner connectors and the earthing straps which you have attached to the section you want to branch off to. Fix the earthing cables (k).
5. Follow steps 1-4 for the other side of the OVG where you want to branch off.
6. Align all components until everything is in line.
7. Close up all openings (for example j) with adhesive tape.

**OVGE**

**Mounting principle**



### OVGE

#### Assembly

Each end part for flush floor trunking comes standard with the following products.

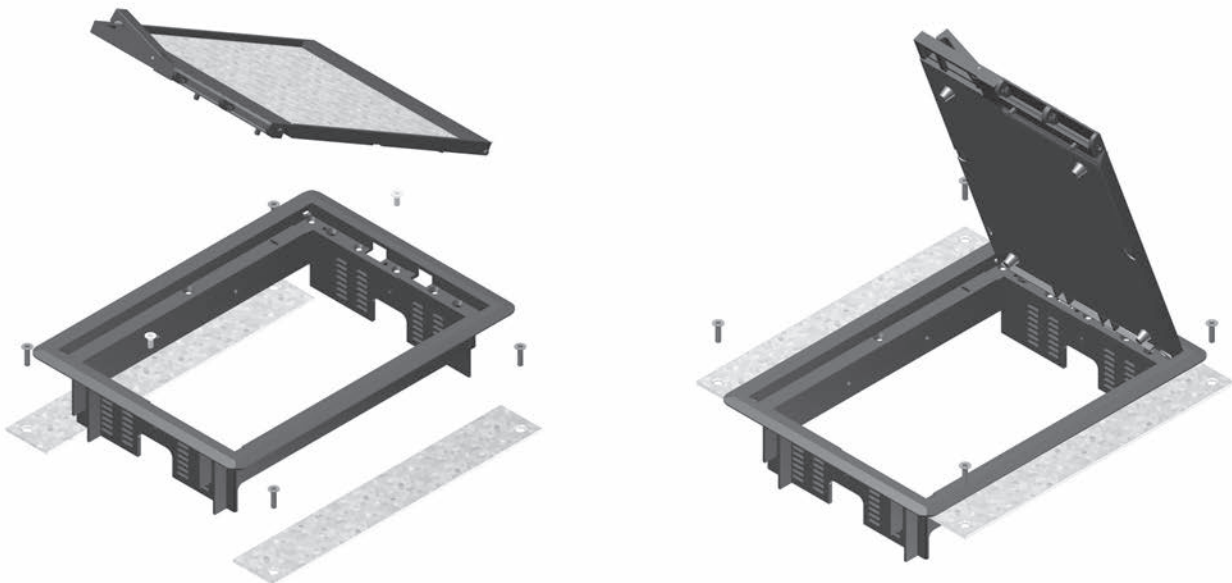
- 2 connection angles (OVGHV)
- 1 end part
- 1 bottom (OVGVST)
- 2 earthing straps

#### Mounting

1. Locate the 2 corner connectors OVGHV (a) in the ends of the profile that is provided with the end section.
2. Attach one end of the earthing straps supplied (b) in the slot provided on the inside of the profile (c).
3. Mount a foot (d) in the middle of the profile of the end section.
4. Slide the end section into the length of the OVG which you want to close off.
5. Cut a side section (e) to size and attach this under the end section as this is done for the section runs.
6. Attach the other end of the earthing straps into the aluminium profiles of the section you want to close off.

## KDV 5\*182

### Mounting principle

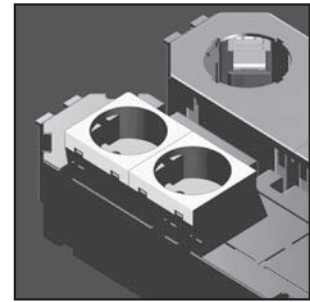




## FLOOR INSTALLATIONS

---

Accessories

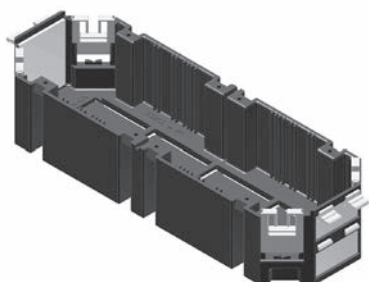




**TSBCL**

**QUICK & CLICK**

**Apparatus cup clips**



Color	black RAL 9011
Standard finish	Polypropylene

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	<b>TSBCL</b>	-	-	-	-	0.100	6	✓	piece

More technical specifications for this product can be found at the end of this chapter.

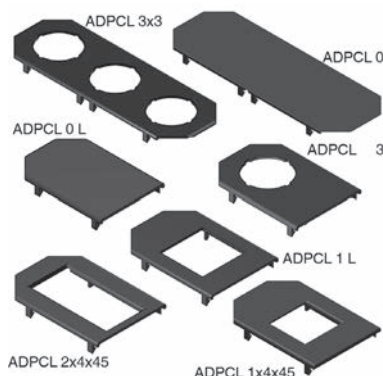
Tested according EN 50085-2-2.

- multifunctional apparatus cup for both CAT 6 cables and low-voltage applications up to 500V
- all-clip system provided with adapter for plug and play solutions.
- screwless pull relief.
- fully screwless mounting in combination with modules 45.
- provided with integrated cover plate for modules 45.
- provided with integrated modules 45 blind plates
- CAUTION ! For low-voltage applications, cover all openings bigger than 12.5 mm.

**ADPCL**

**QUICK & CLICK**

**Coverplate for apparatus cup clips TSBCL**



Clip cover plate for use with TSBCL.

Color	black RAL 9011
Standard finish	Polyamide

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	<b>ADPCL 0</b>	-	-	-	-	0.020	12	✓	piece
-	<b>ADPCL 0 L</b>	-	-	-	-	0.020	12	✓	piece
-	<b>ADPCL 1 L</b>	-	-	-	-	0.010	12	✓	piece
-	<b>ADPCL 1*4*45</b>	-	-	-	-	0.020	12	✓	piece
-	<b>ADPCL 2*4*45</b>	-	-	-	-	0.010	12	✓	piece
-	<b>ADPCL 3</b>	-	-	-	-	0.010	12	✓	piece
-	<b>ADPCL 3*3</b>	-	-	-	-	0.020	12	✓	piece

Tested according EN 50085-2-2.

- covers a half apparatus cup, except for ADPCL 3\*3, which covers the complete apparatus cup
- suitable for use with both round and square hinged covers
- provided with extra reinforcing ribs

ADPCL 0 : This blind plate will be used to seal the open side of the TSBCL, provided the latter is used with cup-clippable equipment (type: module 45) for high-voltage applications.

ADPCL 0 L : applied as blind plate

ADPCL 1 L : provided with one opening 48x48 for CAT 6 apparatus

ADPCL 1\*4\*45 : for one single apparatus type module 45

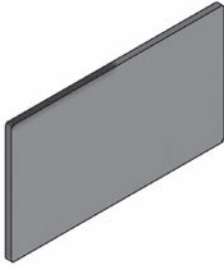
ADPCL 2\*4\*45 : for one dual or two single apparatus type module 45

ADPCL 3 : for one screwing apparatus

ADPCL 3\*3 : for 3 screwing apparatus.

**SSBCL**

**Division plate for apparatus cup TSBCL**



Color black RAL 9011

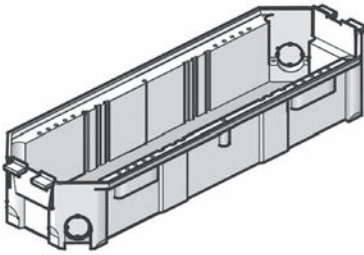
Standard finish Polypropylene

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>SSBCL</b>	-	-	-	-	0.010	12	✓	piece

Tested according EN 50085-2-2.

**TSB**

**Apparatus cup**



Color grey RAL 7011 / black RAL 9011

Standard finish Polypropylene

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>TSB</b>	-	-	-	-	0.080	12	✓	piece
-	<b>TSB RAL 9011</b>	-	-	-	-	0.080	12	✓	piece

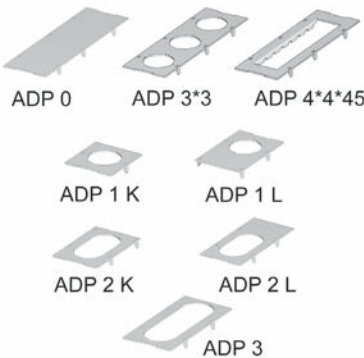
More technical specifications for this product can be found at the end of this chapter.

Tested according EN 50085-2-2.

- can be clipped in the frame at different heights and in all directions.
- partition plate SSB for division of the apparatus cup in 2 or 3 compartments

**ADP**

**Coverplate for apparatus cup TSB**



Color grey RAL 7011 / black 9011

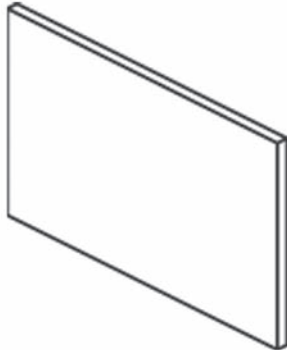
Standard finish Polypropylene

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>ADP 0</b>	-	-	-	-	0.030	12	✓	piece
-	<b>ADP 0 RAL 9011</b>	-	-	-	-	0.030	12	✓	piece
-	<b>ADP 1 K</b>	-	-	-	-	0.010	12	✓	piece
-	<b>ADP 1 L</b>	-	-	-	-	0.010	12	✓	piece
-	<b>ADP 2 K</b>	-	-	-	-	0.010	12	✓	piece
-	<b>ADP 2 L</b>	-	-	-	-	0.020	12	✓	piece
-	<b>ADP 3</b>	-	-	-	-	0.010	12	✓	piece
-	<b>ADP 3*3</b>	-	-	-	-	0.020	12	✓	piece
-	<b>ADP 3*3 RAL 9011</b>	-	-	-	-	0.020	12	✓	piece
-	<b>ADP 4*4*45</b>	-	-	-	-	0.030	12	✓	piece
-	<b>ADP 4*4*45 RAL 9011</b>	-	-	-	-	0.030	12	✓	piece

Tested according EN 50085-2-2.  
 - for module 45, order ADP 4\*4\*45 (A.B.S), with opening 41 mm  
 - in case of use in the round floor box, cut the angles away.

## SSB

### Division plate for apparatus cup TSB



Color grey RAL 7011

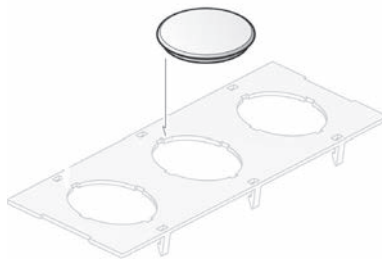
Standard finish Polypropylene

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>SSB</b>	-	-	-	-	0.010	12	✓	piece

Tested according EN 50085-2-2.

## ADSR

### Cap round



To fill unused openings in cover plates.

Color grey RAL 7011 / black RAL 9011

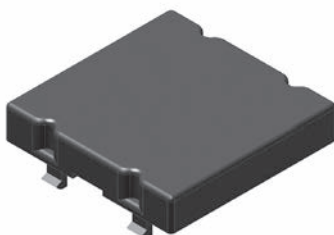
Standard finish Polypropylene

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>ADSR RAL 7011</b>	-	-	-	-	0.010	6	✓	piece
-	<b>ADSR RAL 9011</b>	-	-	-	-	0.010	6	✓	piece

Tested according EN 50085-2-2.  
 - to be used in combination with cover plates ADP 3\*3, ADPCL 3\*3 and ADPCL 3.  
 - easily mounted and removed for the fitting of new appliances  
 - efficient protection of reserve plates

## ADSV

### Cap rectangular



To fill unused openings in cover plates.

Color grey RAL 7011 / black RAL 9011

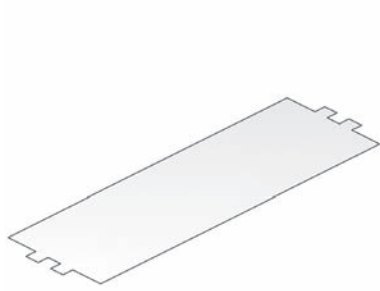
Standard finish Polyamide

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>ADSV RAL 7011</b>	8,5	45	-	45	0.010	6	✓	piece
-	<b>ADSV RAL 9011</b>	8,5	45	-	45	0.010	6	✓	piece

Tested according EN 50085-2-2.  
 - to be used in combination with cover plates ADP 4\*4\*45 ADPCL 2\*4\*45, TSBCL, TSB 65.  
 - easily mounted and removed for the fitting of new appliances  
 - efficient protection of reserve plates

**GBP**

**Blind plate**



Color grey RAL 7011

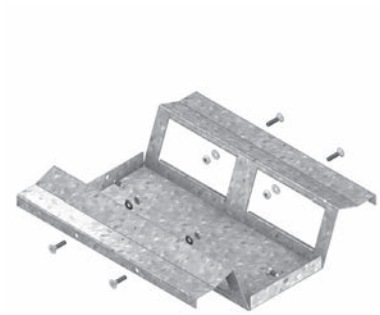
Standard finish Polypropylene

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>GBP</b>	-	-	-	-	0.030	12	✓	piece

Tested according EN 50085-2-2.

**TSB 65**

**Apparatus cup**



For compact floor systems.  
Ideal for low flush mounting depths up to 65 mm.

Standard finish Pre-galvanised

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>TSB 65</b>	-	-	-	-	0.080	6	✓	piece

Tested according EN 50085-2-2.  
 - to be applied for oblique mounting of 45 modules  
 - up to 8 mounting positions  
 - mounting (4 x B 4x16, 4 x M 4, 4 x RO 4, pull relief, 2 x ST 4.2x13)  
 - Earth to be connected to TSB  
 - TSB 65 has to be mounted before covering the floor

**TSBCAT 6**

**Apparatus cup CAT 6**



For Datacable.

Color grey RAL 7011

Standard finish Coating / Duplex system

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	<b>TSBCAT 6</b>	-	-	-	-	0.070	30	✓	piece

Tested according EN 50085-2-2.

**OBB**

**Apparatus box**



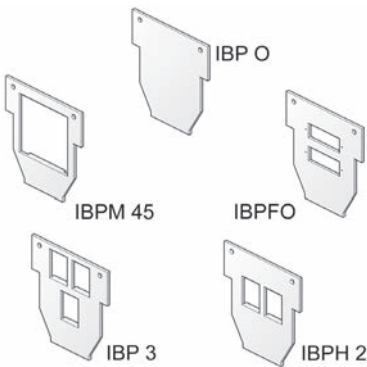
Color	grey RAL 7011
Standard finish	Polypropylene

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	<b>OBB</b>	-	-	-	-	0.030	6	✓	piece

Tested according EN 50085-2-2.  
 - without fixation plate  
 - to be fixed in the apparatus cup TSB (max. 2 per cup)  
 - 2 screw-bolts M 3\*12, galvanized for synthetic material are included

**IBP**

**Fixation plate for construction cup OBB**



for fixing into the OBB support frame

Color	grey RAL 7011
Standard finish	Polypropylene

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	<b>IBP 0</b>	-	-	-	-	0.010	6	✓	piece
-	<b>IBP 3</b>	-	-	-	-	0.010	6	✓	piece
-	<b>IBPFO</b>	-	-	-	-	0.010	6	✓	piece
-	<b>IBPH 2</b>	-	-	-	-	0.010	6	✓	piece
-	<b>IBPM 45</b>	-	-	-	-	0.010	6	✓	piece

Tested according EN 50085-2-2.  
 2 screw-bolts M 3\*8, galvanized for synthetic material included

**IBPM 45:** appropriate for socket Modules 45

**IBP 0:** blind plate

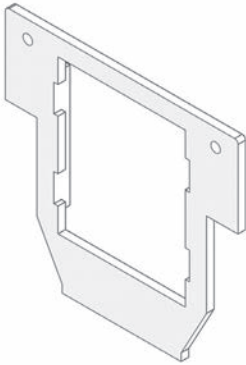
**IBPH 2:** appropriate for :  
 AMP RJ 45 jacks cat 5  
 Unshielded : 406372-X  
 Shielded : 188650-X (ENT-jack)  
 Shielded : 338038-X (ENT-jack)

**IBP 3:** appropriate for :  
 AMP RJ 45 jacks cat 5  
 Unshielded : 406372-X

**IBPFO:** appropriate for :  
 AMP Fiber Optic  
 SC-duplex recept X-502776-X

**IBPP**

**Fixation plate for construction cup OBB**



for fixing into the OBB support frame

Color	grey RAL 7011
Standard finish	Polypropylene

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	<b>IBPP</b>	-	-	-	-	0.010	6	✓	piece

Tested according EN 50085-2-2.  
2 M 3\*8 fixing screws included

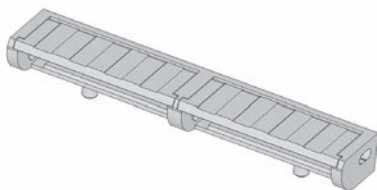
- accepts 4 connectors according to types :
- UTP cat. 3, cat. 5(e) and proposed cat. 6 jacks  
ref cat. 5(e) : CJ588 IW (type RJ45)
  - FTP cat. 5(e) and proposed cat. 6 jacks  
ref cat. 5(e) : CJS588 (type RJ45)
  - Multimode optical fibre type SC, ST and opti-jack
  - Monomode optical fibre type SC, ST and opti-jack
  - Coax (different models)
- these connectors can be placed into 2 Panduits inserts, reference : CHF2MPW

**CHARACTERISTICS**

- possibility of adapting 4 connectors onto only one covering plate
- different types of connectors can be used
- these can also be mounted into floor boxes and path panels
- rapid mounting with no need for special tools
- connection and maintenance of cable secured

**ADKV**

**Cable transmit**



Color	grey/transparant/black
Standard finish	Polycarbonate

HD	Reference	mm	mm	mm	mm	kg/piece		Stock	Unit
-	<b>ADKV</b>	-	-	-	-	0.050	25	✓	piece
-	<b>ADKV RAL 7011</b>	-	-	-	-	0.010	1	✓	piece
-	<b>ADKV RAL 9011</b>	-	-	-	-	0.010	1	✓	piece

Tested according EN 50085-2-2.



## VDK

## Clamp for floorbox



Standard finish

Electro zinc-plated

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/set	⊞	Stock	Unit
-	VDK 2*3*25	-	-	-	-	0.030	10	✓	set
-	VDK 4*3*25	-	-	-	-	0.020	10	✓	set
-	VDK 4*3*30	-	-	-	-	0.030	15	✓	set
-	VDK 2*25*55	-	-	-	-	0.040	10	✓	set
-	VDK 2*30*60	-	-	-	-	0.090	10	✓	set
-	VDK 4*25*55	-	-	-	-	0.090	10	✓	set
-	VDK 4*30*60	-	-	-	-	0.090	10	✓	set
-	VDK 4*35*70	-	-	-	-	0.090	10	✓	set
-	VDK 105*140	-	-	-	-	0.090	5	✓	set

Tested according EN 50085-2-2.

**Raised floor**

- KDRV 5\*257 : Clamp VDK 2\*30\*60 (inclusive)
- KDVV 5\*257 : Clamp VDK 4\*30\*60 (inclusive)
- KDVV 5\*182 : Clamp VDK 4\*30\*60 (inclusive)
- BDVV 5\*182 : Clamp VDK 4\*30\*60 (inclusive)
- KDRV 6\*304 : Clamp VDK 4\*35\*70 (inclusive)
- BDRV 11\*304 : Clamp VDK 4\*35\*70 (inclusive)
- KDRV 6\*304 : Clamp VDK 4\*105\*140 (order separately)
- BDRV 11\*304 : Clamp VDK 4\*105\*140 (order separately)

**OVG**

- KDV 5\*182 : Clamp VDK 4\*3\*30 (order separately)
- KDV 5\*257 : Clamp VDK 4\*3\*25 (order separately)
- KDR 5\*257 : Clamp VDK 2\*3\*25 (order separately)
- IKDVV : Clamp VDK 2\*25\*55 (order separately)

Standard finish: Sendzimir

- VDK 2\*25\*55
- VDK 2\*30\*60
- VDK 4\*25\*55
- VDK 4\*30\*60
- VDK 4\*35\*70
- VDK 105\*140

Standard finish: Electro zinc-plated

- VDK 2\*3\*25
- VDK 4\*3\*25

Standard finish: Polypropylene

- VDK 4\*3\*30

## MK

## Silicon box

Standard finish



HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	⊞	Stock	Unit
-	MK	-	-	-	-	0.520	1	✓	piece

**OV**

**Degreaser**

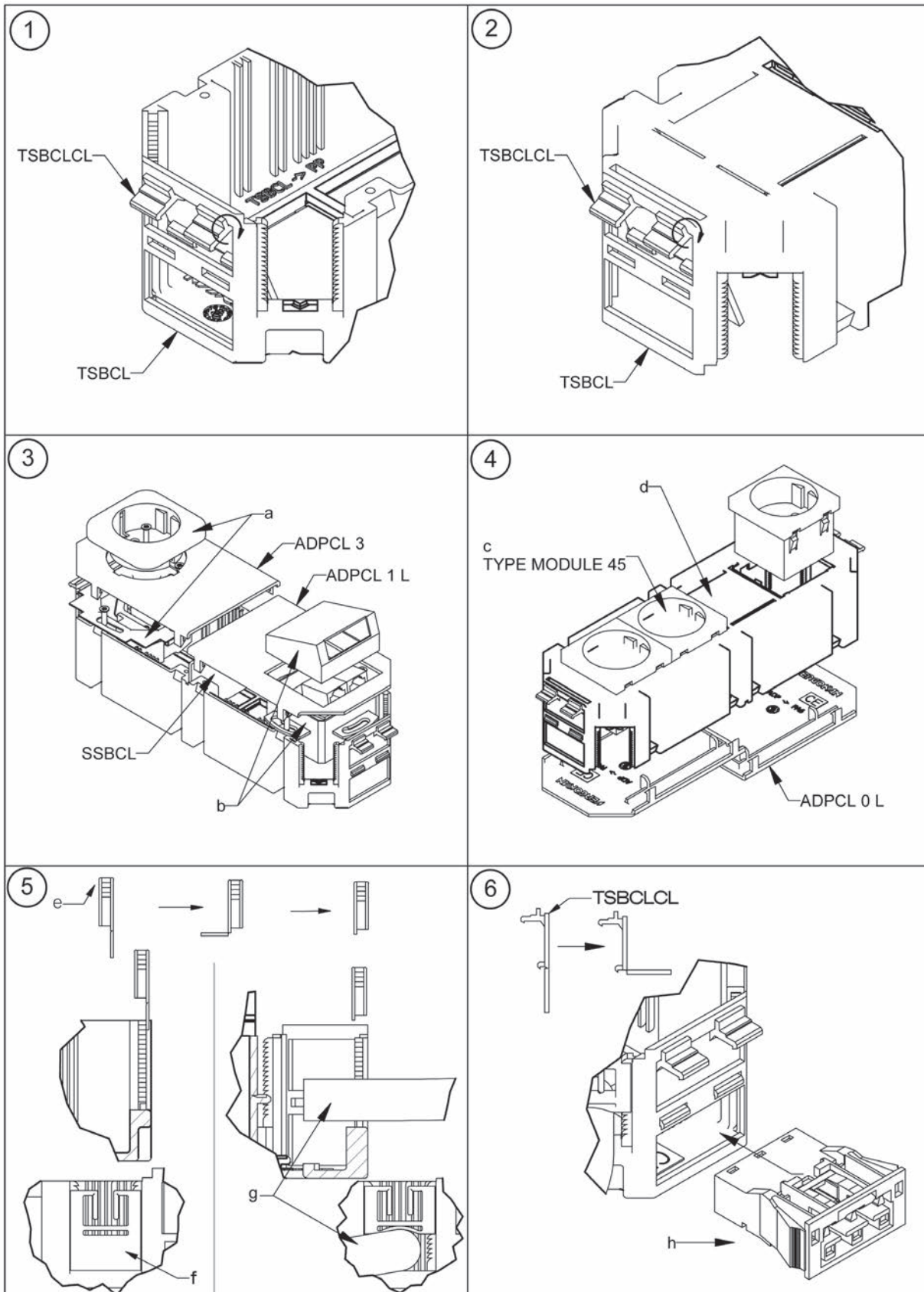


Standard finish

HD	Reference	↑ mm	↔ mm	↔ mm	↔ mm	kg/piece	📦	Stock	Unit
-	<b>OV</b>	-	-	-	-	0.400	1	✓	piece

**TSBCL**

**Mounting principle**



**TSBCL**

1 and 2. The TSBCLCL is mounted on the inner side of the TSBCL. First fit the upper clips and then turn the TSBCLCL outwards until you hear the 2 bottom teeth click into the TSBCL.

3. Screw devices (a) are mounted on the top side of the TSBCL. If data devices (b) are applied in combination with high-tension currents, SSBCL must be used to avoid interference.

4. The bottom side is standard equipped with an integrated cover plate for clip devices (c). Blind plates (d) are also included which can be taken out where appropriate by means of a snap-off blade. For high-tension current applications, each opening > 12.5 mm must be sealed!

5. Pull reliefs (e) must be fitted to seal all openings > 12.5 mm on the side (f). To tighten a cable (g), break off the lower section. Make sure that when tightening the cable the slot in the pull relief is completely sealed.

6. There is also provision for the optional mounting of a WAGO/WIELAND bus (h). To use this option, break off the lower section of the TSBCLCL so as to clear an opening in the TSBCL for mounting the bus.

**TSB**

**Mounting principle**

