



E-LINEDK

Under-Screed Cable Ducts, Junction Boxes and Service Outlet Boxes,
Raised Floor Distribution and Service Outlet Boxes



E-LINEDK

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www.eae.com.tr

DUCT TYPE (Under-Screed)	JUNCTION BOX										SERVICE OUTLET (SOCKET) BOX																							
	GENERAL STRUCTURE and SPECIFICATIONS										GENERAL STRUCTURE and SPECIFICATIONS																							
	NO	NAME	IMAGE	ORDER CODE	DEFINITION	TYPE	HOUSING	SIZE (mm)	(h)	SPACE	(n)	FRONT PANEL	COVER	SCREED ADJUSTMENT (Max.)	K BEFORE INSTALLER	MATERIAL	NO	NAME	IMAGE	ORDER CODE	RAW MATERIAL	HOUSING (h)	SIZE (mm)	CAPACITY (Modules)	PLUGGING IN	THICKNESS MIN / MAX (mm)	CARPET	PERIODET	CERAMIC	GRANITE	HANDLE STRUCTURE	PLACE OF USAGE		
25x120	3008115	25x120	3008114	3008114	1	EASY BOX		25x120	25x120	70	Sheet	Sheet	-	-	20	1	EASY BOX		3008117 (Grey) 3008118 (Brown) 3008119 (Black)	PCABS	25x120	70	24	Vertical	10	✓	✓	✓	✓		✓			
25x155	3008115	25x155	3008114	3008114	2	DKM-S		25x155	25x155	70	Sheet	Sheet	-	-	15	2	DKM		3008177 (Grey) 3008178 (Brown) 3008179 (Black) 3008347 (YKB-Gray / *)	PCABS	25x155	70	16	Horizontal	10	✓	✓	✓	✓		✓			
25x240	3008115	25x240	3008114	3008114	3	DKM-A		25x240	25x240	70	AL	Sheet	-	-	30	3	DKN		3008202 (Grey) 3008203 (Brown) 3008204 (Black)	PC	25x240	70	24	Vertical	4	✓	✓	✓	✓		✓			
35x300	3008415	35x300	3008414	3008414	4	DKM-S		35x300	35x300	70	Sheet	Sheet	-	-	15	4	DKC		3008430 (Grey) 3008431 (Brown) 3008432 (Black)	PA6	35x300	60	(No modular structure)	Horizontal	8	✓	✓	✓	✓		✓			
35x400	3008415	35x400	3008414	3008414	5	DKM-A		35x400	35x400	70	AL	Sheet	-	-	30	5	DKM		3008430 (Grey) 3008431 (Brown) 3008432 (Black)	PA6	35x400	60		Horizontal	8	✓	✓	✓	✓		✓			
35x420	3008415	35x420	3008414	3008414	6	DKM-S		35x420	35x420	70	Sheet	Sheet	-	-	15																			
35x440	3008415	35x440	3008414	3008414	7	DKM-A		35x440	35x440	70	AL	Sheet	-	-	30																			
35x460	3008415	35x460	3008414	3008414	8	DKM-S		35x460	35x460	70	Sheet	Sheet	-	-	15																			
35x480	3008415	35x480	3008414	3008414	9	DKM-A		35x480	35x480	70	AL	Sheet	-	-	30																			
35x500	3008415	35x500	3008414	3008414	10	DKM-S		35x500	35x500	70	Sheet	Sheet	-	-	15																			
35x520	3008415	35x520	3008414	3008414	11	DKM-A		35x520	35x520	70	AL	Sheet	-	-	30																			

DESCRPTIONS:

- 1- THIS TABLE DOES NOT CONTAIN CERTAIN ALTERNATIVE PRODUCT AND ACCESSORIES.
- 2- PLEASE REFER TO SELECTION TABLES FOR YOUR ACCESSORIES AND PLUG NEEDS.
- 3- FOR THE SCOPE AND DETAILS RELATED TO PRODUCTS, PLEASE REFER TO RELEVANT PARTS OF THE CATALOGUE.
- 4- "EASY BOX" SCREED CAN BE USED IN BOTH UNDER-SCREED AND RAISED FLOORING APPLICATIONS.
- 5- IN UNDER-SCREED APPLICATIONS, 35x240 SIZED UNDER-SCREED CABLE DUCT THAT IS USED WITH "DKM" JUNCTION BOX, IS "READY-HOLE" TYPE AND THE DISTANCE BETWEEN ITS OUTPUT FOR "EASY BOX" JUNCTION AND SERVICE OUTLET (SOCKET) BOX, UNDER-SCREED, THE PIPE SYSTEM CAN ALSO BE USED. PIPE AND ITS ACCESSORIES SHOULD BE ORDERED SEPARATELY FROM THE ORDER TABLE.
- 6- THE "YKB-M" SERVICE OUTLET BOX MARKED WITH (*), IS THE EMPTY "DKM" SERVICE OUTLET (SOCKET) BOX IN WHICH THE TH-PLUG BASE DOES NOT EXIST.
- 7- "DKM" SERVICE OUTLET (SOCKET) BOX INCLUDES THE PLUG HOUSINGS THAT ARE COMPLIANT WITH "HORIZONTAL USAGE". THE HOUSINGS ARE COMPLIANT WITH SINGLE PLUG MOUNTING.
- 8- "DKM" SERVICE OUTLET (SOCKET) BOX IS COMPLIANT WITH "VERTICAL USAGE". PLUG HOUSING AND PLATES ARE NOT INCLUDED, THEREFORE THEY SHOULD BE ORDERED SEPARATELY FROM THE ORDER TABLE.
- 9- "DKM" SERVICE OUTLET (SOCKET) BOX IS COMPLIANT WITH "VERTICAL USAGE". PLUG HOUSING AND PLATES ARE NOT INCLUDED, THEREFORE THEY SHOULD BE ORDERED SEPARATELY FROM THE ORDER TABLE.
- 10- "DKM" SERVICE OUTLET (SOCKET) BOX INCLUDES THE PLUG HOUSINGS THAT ARE COMPLIANT WITH "HORIZONTAL USAGE". THE HOUSINGS ARE COMPLIANT WITH SINGLE PLUG MOUNTING.
- 11- "GROMMET" SERVICE OUTLET (SOCKET) BOX IS COMPLIANT WITH "VERTICAL USAGE". COVERS, PLUG PLATE AND ALL ACCESSORIES SHOULD BE ORDERED SEPARATELY FROM THE ORDER TABLE.
- 12- "GROMMET" SERVICE OUTLET (SOCKET) BOX IS COMPLIANT WITH "VERTICAL USAGE". COVERS, PLUG PLATE AND ALL ACCESSORIES SHOULD BE ORDERED SEPARATELY FROM THE ORDER TABLE.
- 13- "GROMMET" SERVICE OUTLET (SOCKET) BOX IS COMPLIANT WITH "VERTICAL USAGE". COVERS, PLUG PLATE AND ALL ACCESSORIES SHOULD BE ORDERED SEPARATELY FROM THE ORDER TABLE.
- 14- "GROMMET" SERVICE OUTLET (SOCKET) BOX IS COMPLIANT WITH "VERTICAL USAGE". COVERS, PLUG PLATE AND ALL ACCESSORIES SHOULD BE ORDERED SEPARATELY FROM THE ORDER TABLE.
- 15- THE "h" MEASURE MARKED WITH (*) INDICATES MINIMUM SCREED HEIGHT.

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ELINEDK Product Range;

In recent years the data and power requirements for all areas of modern life are evident in new building design. Important in this is the requirement for a flexible and adaptable power and data distribution system.

The E-LINE DK Product Range is divided into two groups in terms of their main functions.

1-Under-screed duct, junction box and service outlet (socket) boxes.

2-Raised floor distribution and service outlet (socket) boxes.

EAE Elektrik offer aesthetic and reliable solution giving the flexibility to future proof the building.

General Specifications;

E-Line DK Product ranges are produced pursuant to **EN 50085-2-2:2008** Standards, and they also have **DEKRA** type test certificate.

Other Areas of Usage:

- Banks
- Offices and work places, administration buildings
- Hotels
- Hospitals
- Schools, private teaching institutions
- Shopping Malls
- Conference halls
- Call centres
- Session halls
- Cinema, Theatre and Art Buildings
- Industrial Plants
- Tourist facilities



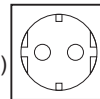
▶▶ Under-screed junction box systems and service outlet (socket) boxes

Junctions Box	Minimum Screed Height (mm)	Max. Level adjustment (mm)		Service Outlet (Socket) Box	Capacity (Module)	Ground Type			
		Before Screed	After Screed			MODULE	CARPET	PARQUET	CERAMIC
EASY BOX	70	—	+20	EASYBOX (*1)	24	✓	✓	✓	✓
DKM-S	70	+20	+15	DKM	16	✓	✓	✓	✓
DKM-A		+20	+30						
DKN-S	70	+20	+15	DKN	24	✓	✓	✓	—
DKN-A		+20	+30						
DKC	60	+25	—	DKC	(*)	✓	✓	✓	—
DKS	60	+20	+15	DKC	(*)	✓	✓	✓	—
DKZ-V				DKC (*2)	(*)	✓	✓	✓	—
DKZ				—	—	✓	✓	✓	—
DKH				—	—	✓	✓	✓	—
DKA	58	+20	—	—	—	✓	✓	✓	—

- (*1) It has a compact form with Junction and Output (Socket) and does not require a separate junction box.
- (*2) In the box that does not have a modular structure, if requested, 3 special type power (network/UPS) and 4 data&telephone socket can be used with DKC plug cases, housing and cover.
- Check the selected service outlet (socket) box according to the flooring thickness and inside-the-cover depth to be used.

▶▶ Raised Floor Service Outlet (Socket) Boxes

2 Module
(45x45mm)

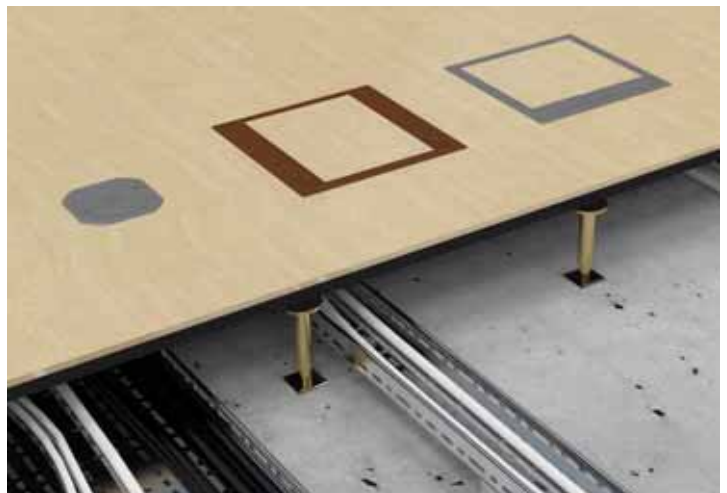


1 Module
(22,5x45mm)



Service Outlet Boxes	Capacity (Module)
	MODULE
DKY	16
DKY Grommet	3
DKY Easy Box	24

- The distance between the concrete floor and the flooring system in which DKY junction box is used, should be minimum 100 mm.



E-LINE Cable Duct Under Screed Systems; with its modular design the system offers a variety of solutions to underfloor cable management. Various examples are shown below.

Design Applications

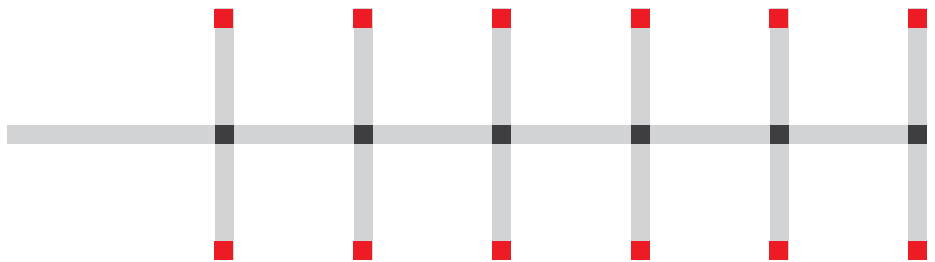
Design 1

This design gives a simple and cost effective design suitable for low density applications.



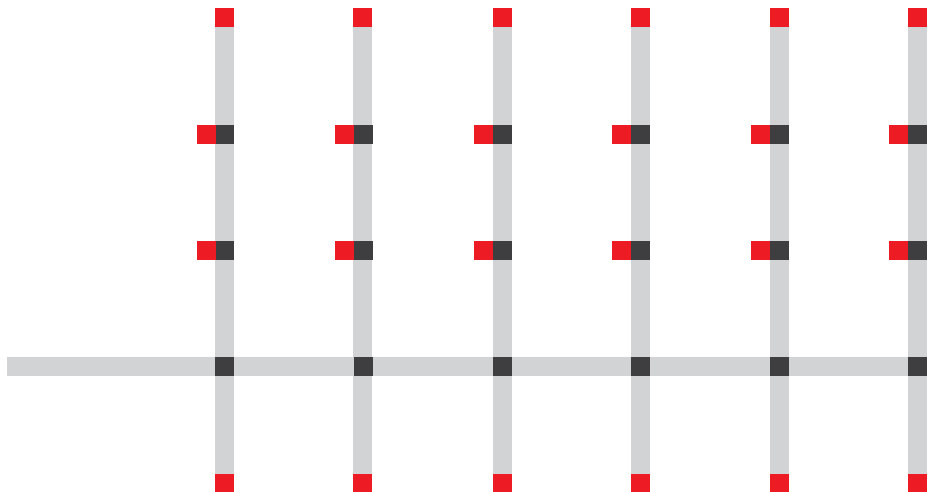
Design 2

Shows a design structure which meets increasing intensity requirements.



Design 3

Offers the best arrangement where maximum intensity and flexibility is required. This design, with its flexibility, gives the best option for future proofing a building.



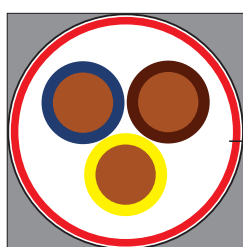
■ Connection Junction ■ Output Junction ■ Double Junction (Connection + Output)

ELINEDK UNDER SCREED DUCT SYSTEM

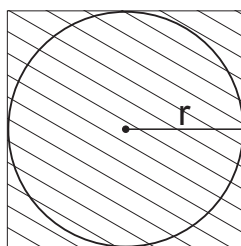


►► Under-Screed Cable Ducts General Technical Information

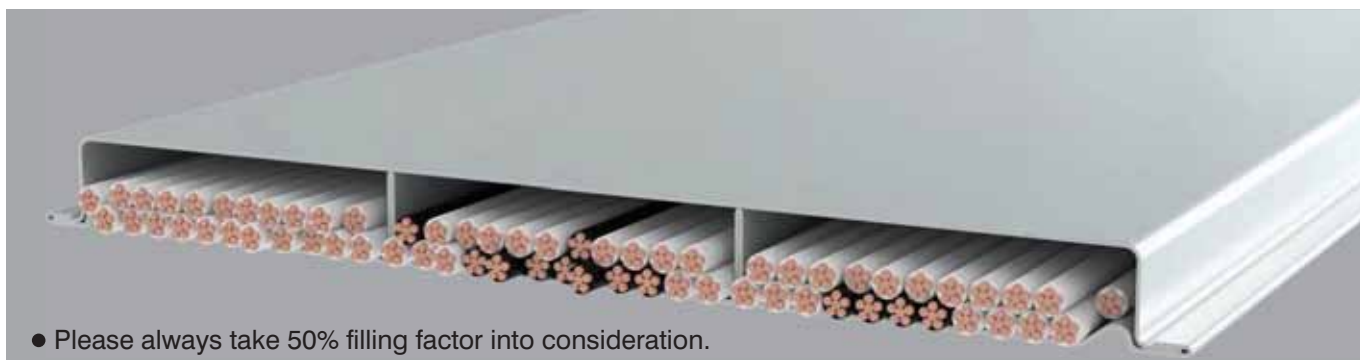
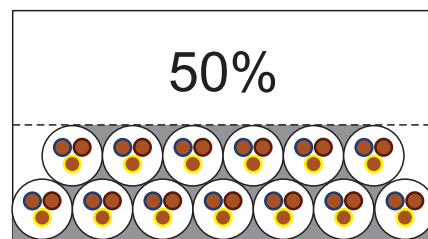
- EAE under-screed cable ducts; in 2000mm standard sizes, it offers 10 options as two different height and five different width.
- Thanks to its special seamless design, damage to the wires passing through it is prevented; use of maximum space in the duct is ensured.
- Cable diameter is not a sufficient information to determine the space that a cable really needs. This value can be calculated including inter-spaces as the following, with $(2r)^2$ formula.
- Space needed for 1 cable = $(2r)^2$
Space needed for "n" cable = $n \cdot (2r)^2$
(Space needed for cables in total; it should be calculated for each cable and then summed up).



→ Space Needed
→ Cross-Sectional Area (mm²)



$(2r)^2$
r=cable radius



- Please always take 50% filling factor into consideration.

- EAE under-screed duct systems; pursuant to the "electrical continuity" article (article 11.1) of the IEC 50085 standard, it has a sufficient conductivity; again as mentioned in Note 1 of the same article, it can be used as an equipotential connection and/or protective conductor.

For this purpose, the "electrical impedance" tests indicated in the article 11.1.2 of the same article, have been made and the values of the standard have been obtained.

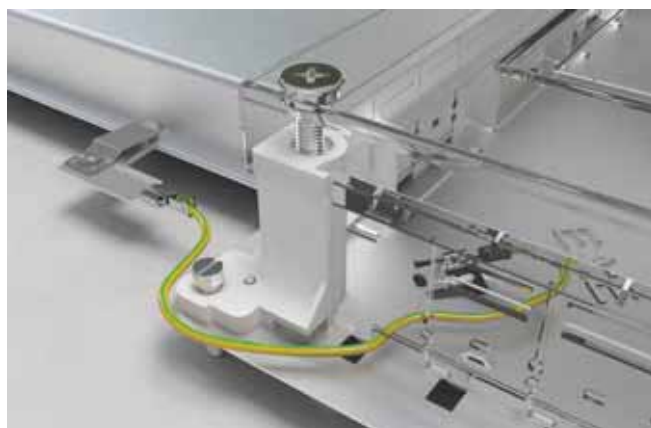
- Pursuant to aforementioned "electrical continuity" article, it is suggested to use the below mentioned "Earthing" element.

Duct Earthing Element



The usage of duct earthing element.

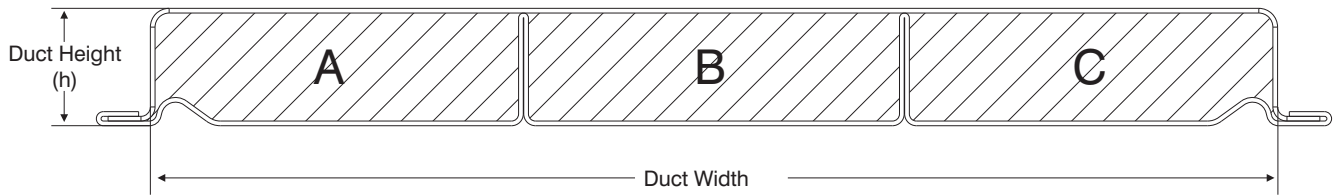
Junction Box Earthing Element



The usage of junction box earthing element.

ELINEDK UNDER SCREED DUCT SYSTEM

►► Under-Screed Cable Ducts Technical Information and Selection Guide



■ Thanks to their special non-weld design, the cables that go through EAE Underfloor ducts are not damaged and protected against corrosion. Furthermore this non-weld design ensures maximum availability of the interiors.

Sectional Views	Nominal Size		Order Code	Duct Width (mm)			Theoretical Cross-Sectional Area (mm ²)			Theoretical Total Cross-Sectional Area (mm ²)
	Duct Height (mm)	Duct Width (mm)		A	B	C	A	B	C	
	25	120	3008415	55	55	–	1367	1367	–	2733
		180	3008414	57,5	60	57,5	1367	1367	1367	4100
		215	3008440	69	72	69	1636	1647	1636	4919
		240	3008413	77,5	80	77,5	1835	1835	1835	5504
		300	3008412	97,5	100	97,5	2303	2303	2303	6908
	35	120	3008411	55	55	–	1951	1951	–	5852
		180	3008410	57,5	60	57,5	1951	1951	1951	5852
		240	3008409	77,5	80	77,5	2619	2619	2619	7856
		240 (*)	3008422	77	80	77	2619	2619	2619	7856
		300	3008408	97,5	100	97,5	3287	3287	3287	9860

Note: The offered dimensions include the thickness of the plates.

For DK under-screed cable ducts the maximum voltage is 1000 V A.C. and 1500 D.C. (Z) impedances according to duct size are given in the following table.

Technical Information											
PRODUCT	Height (mm)	25					35				
	Width (mm)	120	180	215	240	300	120	180	240	240 (*)	300
IMPEDANCE	Z(mΩ/m) (**)	0,449	0,379	0,388	0,330	0,260	0,409	0,378	0,281	0,261	0,197
SHEET THICKNESS	mm	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	1,20 0,8	0,8
WEIGHT	kg/m	2,36	3,50	3,94	4,25	5,00	2,60	3,88	4,63	5,62	5,38

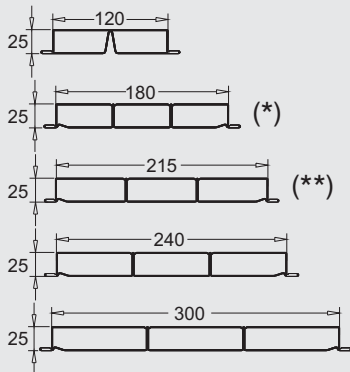
■ (*) Marked under-screed cable duct is DKA Model, "Ready Hole" type.

(**) Impedance (Z) at junction points is too below from 5mΩ that is determined by the standard.

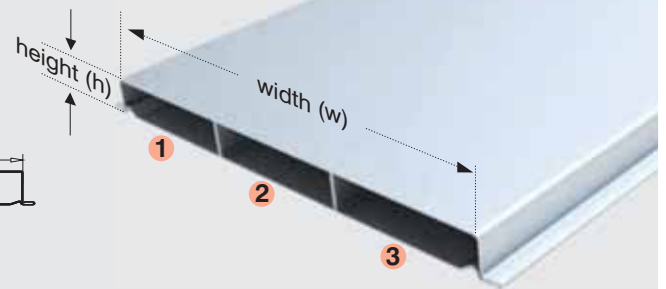
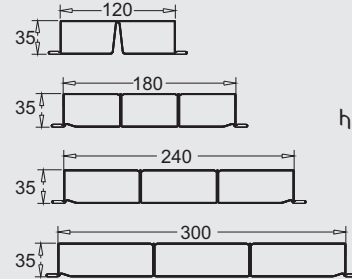
Under-Screed Flooring Duct to Be Used According To Junction Boxes.

Ducts	25x120	25x180	25x215	25x240	25x300	35x120	35x180	35x240	35x300	35x240 Plosive
Junction Box										
EASY BOX		✓								
DKM-S	✓	✓		✓	✓	✓	✓	✓	✓	
DKM-A	✓	✓		✓	✓	✓	✓	✓	✓	
DKN-S	✓	✓		✓	✓	✓	✓	✓	✓	
DKN-A	✓	✓		✓	✓	✓	✓	✓	✓	
DKC			✓							
DKS			✓							
DKZ-V			✓							
DKZ			✓							
DKH			✓							
DKA										✓

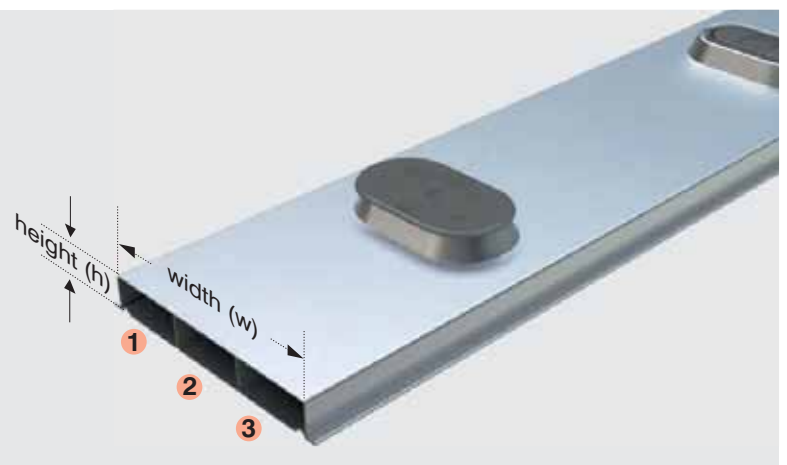
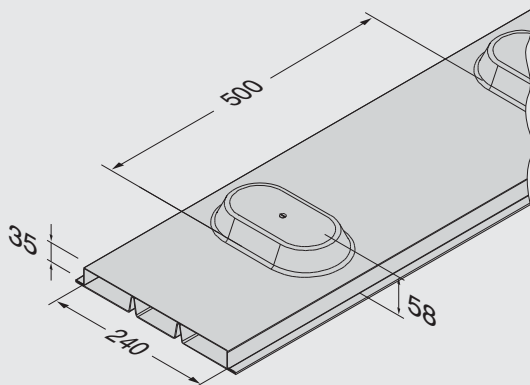
25 X ...mm



35 X ...mm



- With EASYBOX Junction and Service outlet box, only the product marked with (*) can be used.
- DKC, DKZ, DKZ-V Junction box sets DKZ and CHD only (**) used in conjunction with the marking of products.



- 35x240mm "Ready Hole" type under-screed cable duct; is used with "DKA" type junction box.

E-LINEDK EASYBOX

►► Junction and Service Outlet (Socket) Box

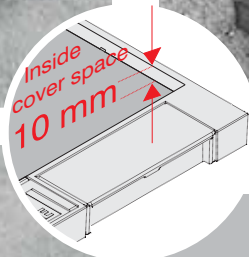
General Introduction and Specifications / Accessories

E-Line Easy Box is a system which can be easily adapted to meet the modifications and changes in capacity which may be required for a variety of applications. The implementation of the system is simple, and flexible design makes any changes to the installation easy.

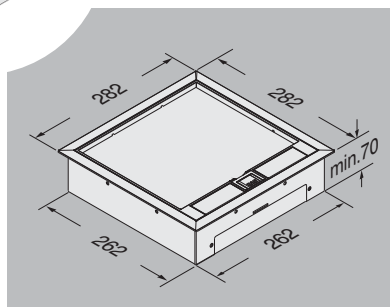
It has a compact form with Junction and Output (Socket) and does not require a separate junction box. It is not suitable for cabling and shall only be used at the edge points and only with 25x180 mm underfloor cable duct or cable pipe.

Plastic material used is PC/ABS; which is halogen free and has met 960°C glow wire test conditions, and in V2 fire resistance class according to UL94 standard.

As a standard, the housing of the product is made of plastic material. However, if requested, it can also be made of galvanized sheet.

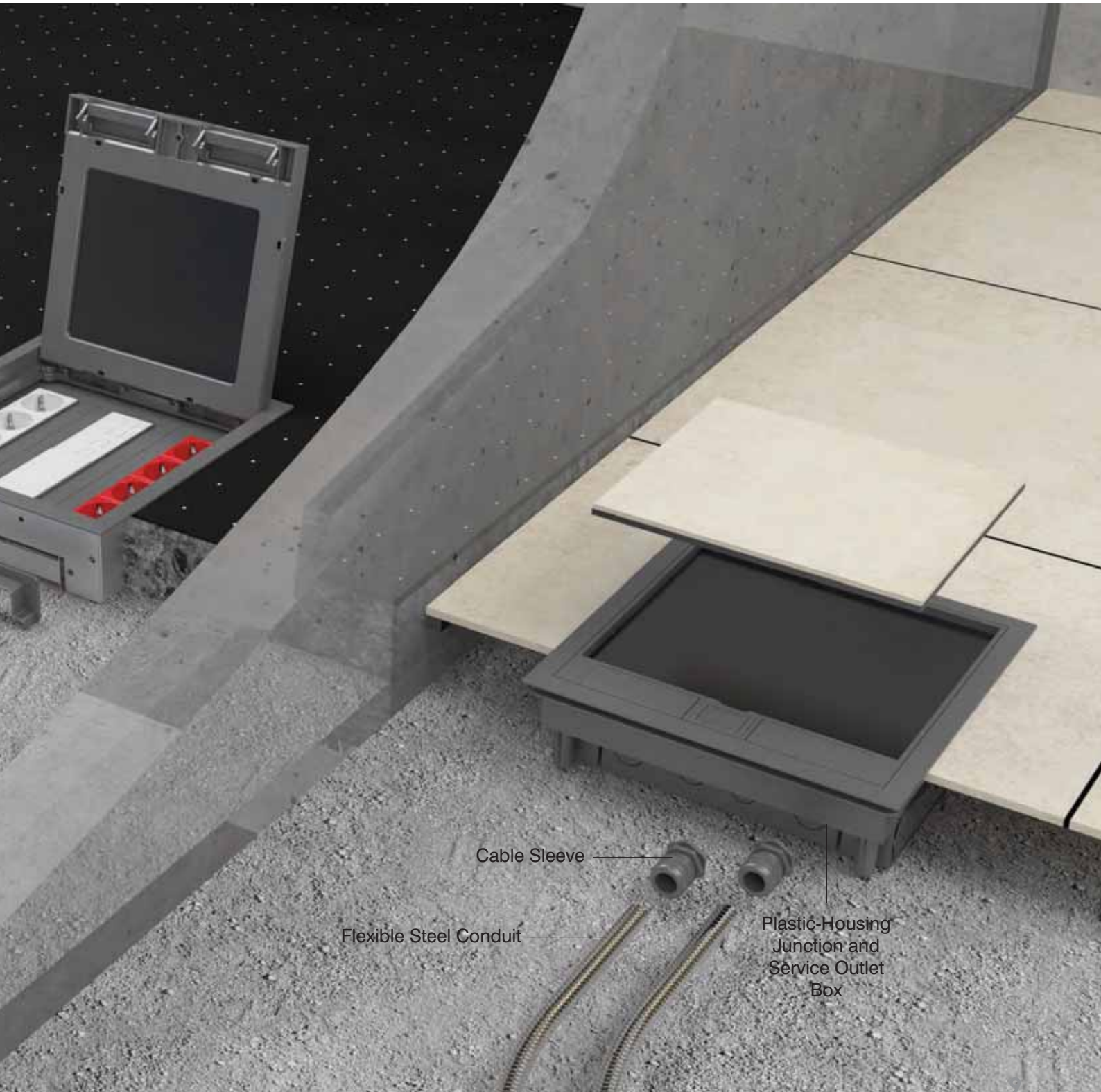


Cover Sheet
Thickness: 3mm



Sheet Housing
Junction and
Service Outlet
(Socket) Box

Under-Screed
Cable Duct
(25x180mm)



Installation In Different Floor Types

Lid system compatible with all kinds of floor types

The lid has a depth of 10mm which provides flexibility for use with carpets, tiles and granite etc.

The door interior part thickness is maximum 10 mm and the flooring thickness is maximum 20 mm.

Carpet



Parquet



Granite

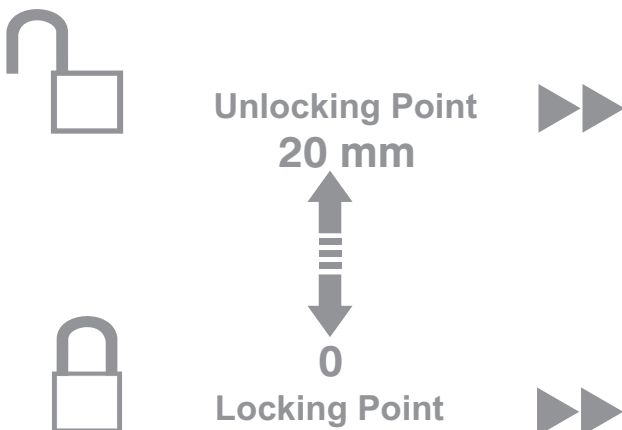
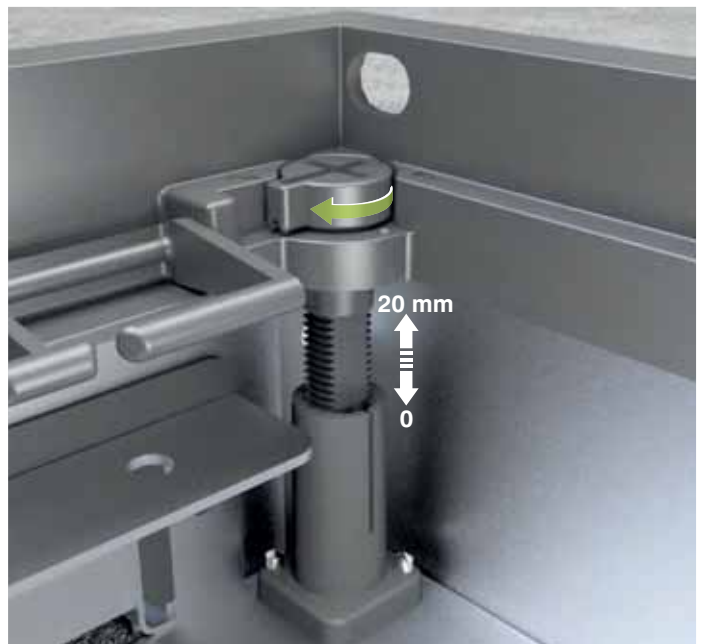


Special Level Adjustment Mechanism

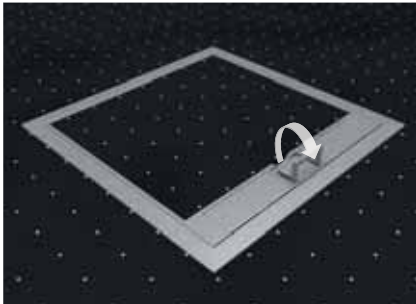
The height adjustment system operates between 0 to 20mm and so provides easy adjustment of the distance between the floor slab and the trim frame. The minimum screed height is 70mm.

By means of this system the height differences between the various materials such as carpet, laminated tiles, and granite can be accommodated.

It can be used in under-screed applications as well as raised floor covering applications.



Ergonomic Cover Opening Handle



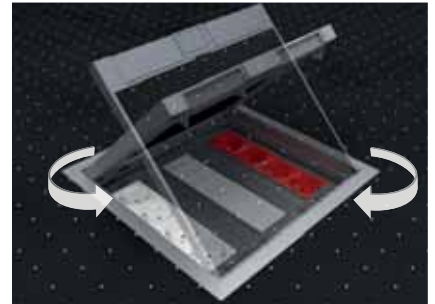
The handle ensures easy opening of the lid.

Shielded Output Windows



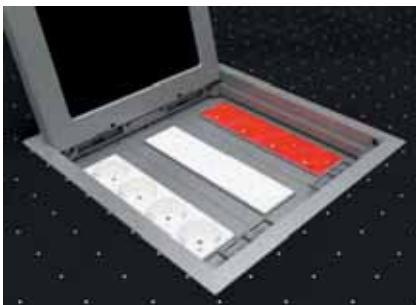
Cable output form with foam gasket protected allowing comfortable and safe output with multiple cables.

Bi Directional Lid Installation System



Bi directional lid installation (180°)

Ergonomic Design



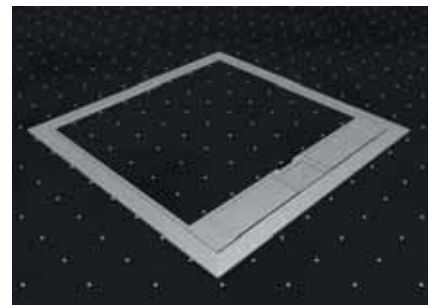
Due to its ergonomic design different outlets can be achieved. (24 for data or 12 for power)

Mobile Cable Holders



The movable cable holders securely hold the cables together.

Different Colour Options



Grey



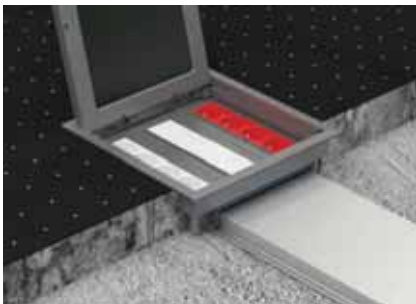
Black



Brown

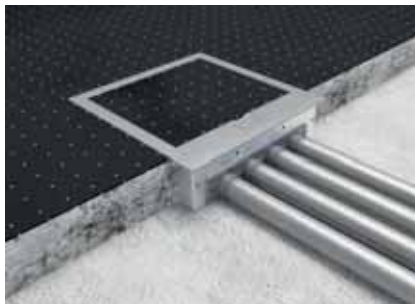


Conduit Application



Easybox junction system has a unique duct system. (25X180 mm)

Tube Application



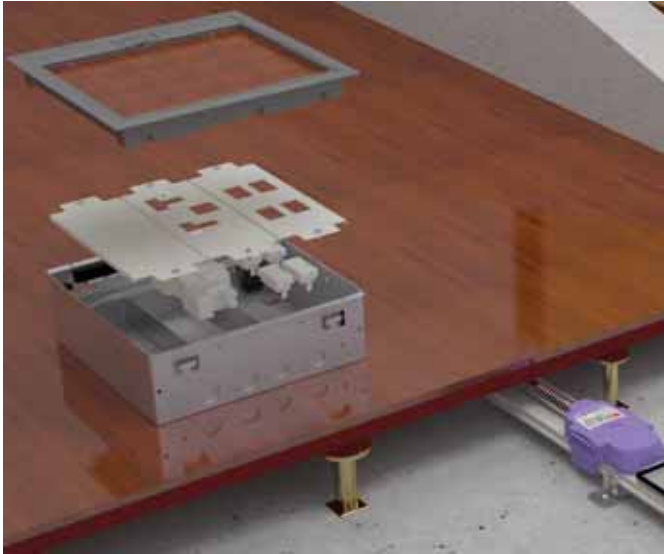
Due to its tube sleeve accessory, it is also adapts to tube applications. (Suitable pipe $\varnothing 32$)

Easy Earthing



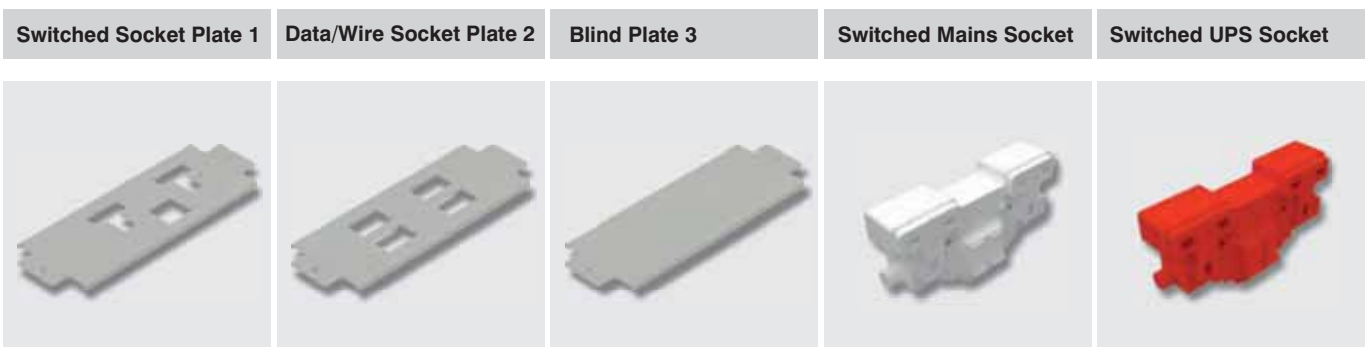
The Body earthing system enables earthing by means of a single connector.

British (BS) Socket Mounting Application



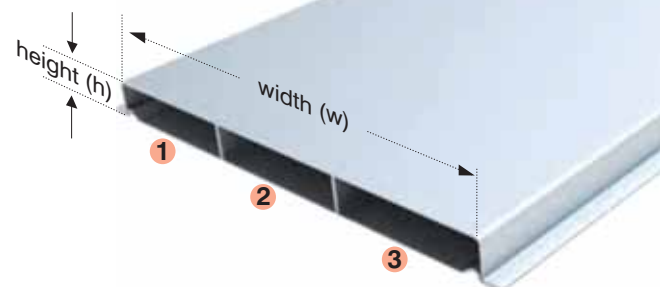
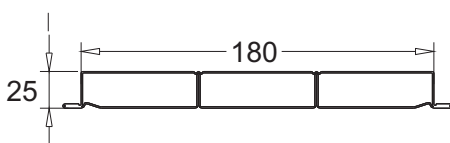
■ British (BS) type power and UPS socket options and applications are special, for ordering please contact our firm.

UK type Socket Plate Options



Underfloor Cable Duct Table that will be used with Easybox Junction and Output (Socket) Box

Ducts	25x120	25x180	25x215	25x240	25x300	35x120	35x180	35x240	35x300	35x240 Plosive
DKC	-	✓	-	-	-	-	-	-	-	-



■ May only be used with 25x180 mm underfloor cable duct.
(Note: With Easybox “pipe sleeve”, may be connected with 4x ø32 plastic pipe.)



E-LINEDK DKM

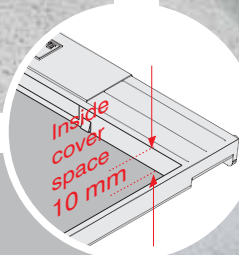
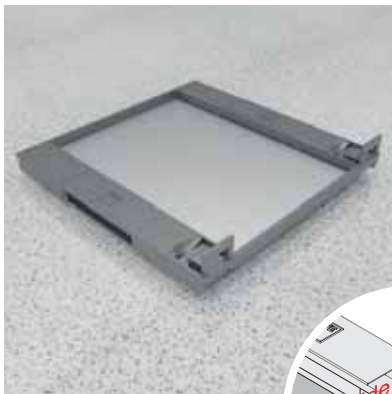
►► Service Outlet Box

General Introduction and Specifications / Accessories

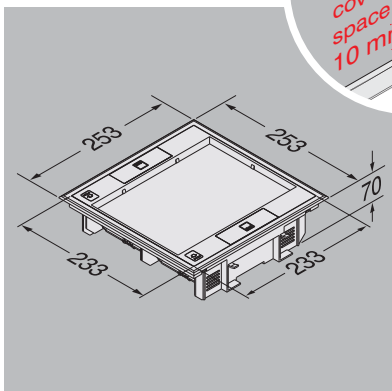
The **DKM outlet box** meets a variety of requirements with its eight power or 16 data outlet capacities. It is easy to use due to its ergonomic interior design, and the lid design which has a bi directional mounting possibility. The **DKM** outlet box has a modular design which gives it horizontal and vertical extension possibilities.

The **DKM** outlet box with its floor depth and various colour options can be easily installed in different decor applications.

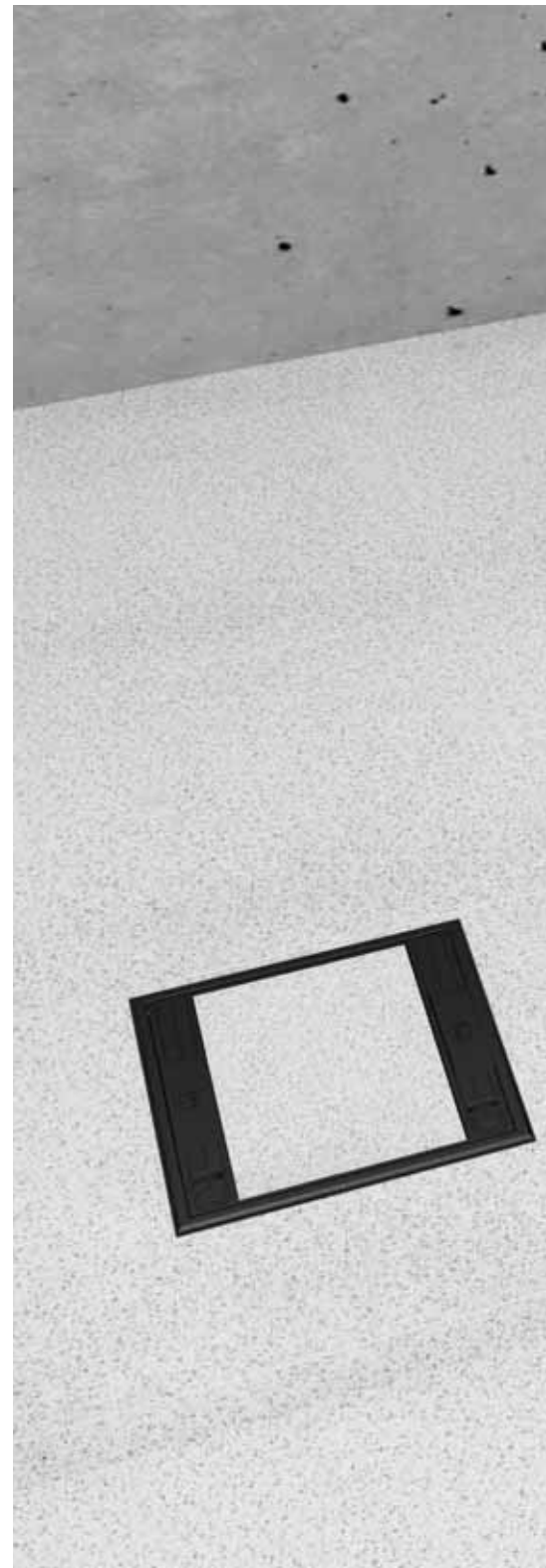
Plastic material used is PC/ABS which has met 960°C glow wire test conditions, and in V2 fire resistance class according to UL94 standard.

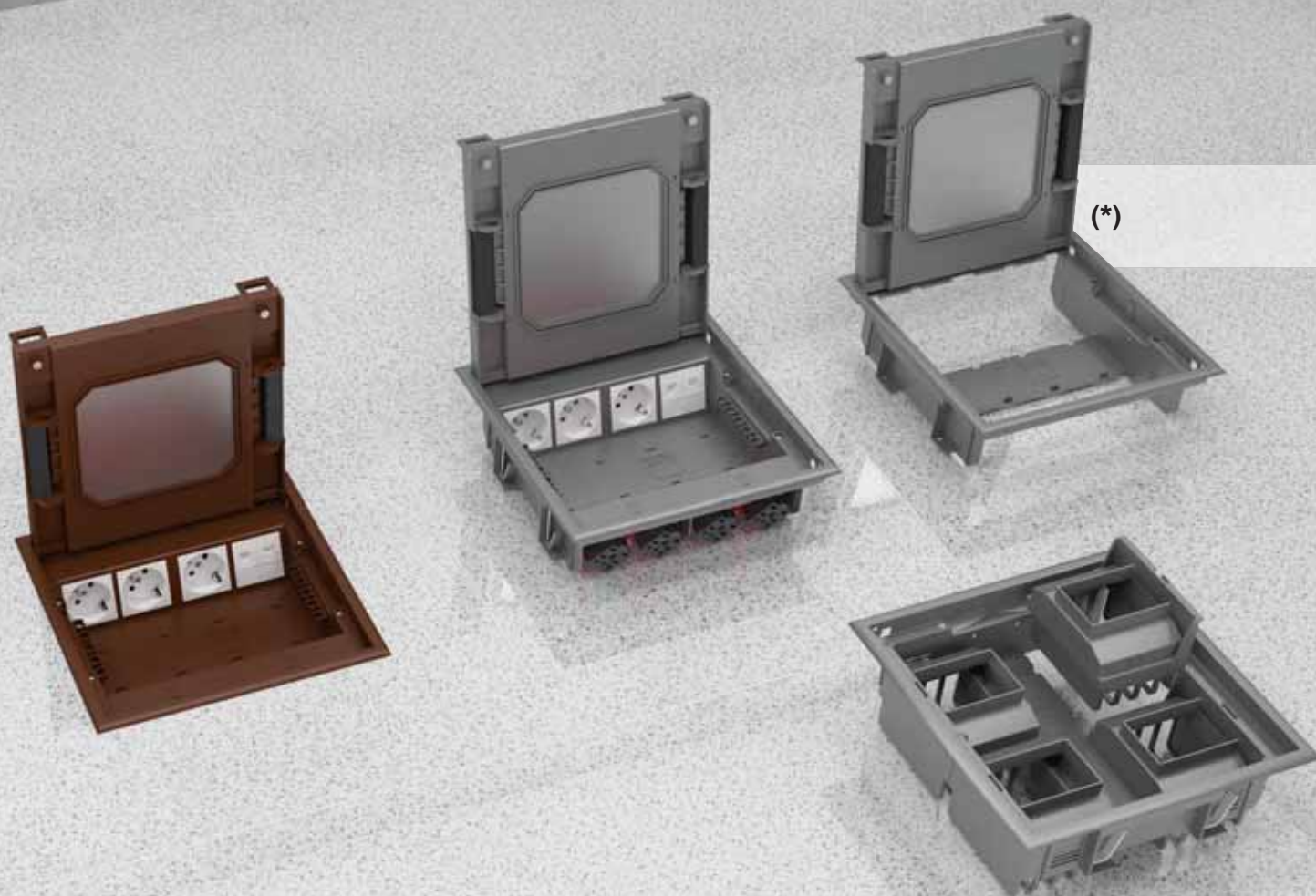


Cover Sheet
Thickness: 2mm



YKB-M Service Outlet Box





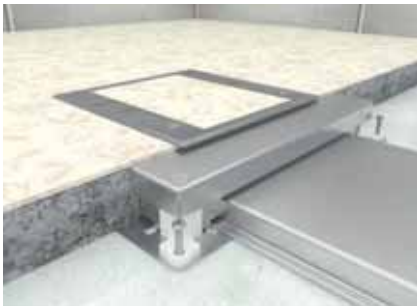
(*) If YKB-M is used in underfloor applications with MCB frame, the floor height and flooring thickness must be minimum 100 mm in total.

Installation In Different Floor Types

Lid system compatible with all kinds of floor types

The lid has a depth of 10mm which provides flexibility for use with carpets, tiles and granite etc.
The door interior part thickness is maximum 10 mm and the flooring thickness is maximum 35 mm.

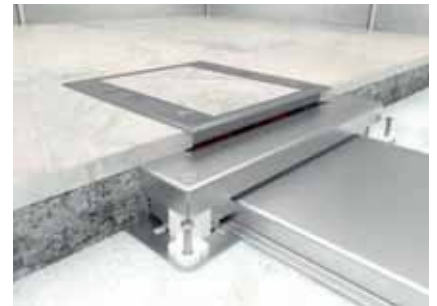
Carpet



Parquet



Granite



DKM Service Outlet (Socket) Box Specifications

Ergonomic Cover Opening Handle



The handle ensures easy opening of the lid.

Shielded Output Windows



Cable output form with foam gasket protected allowing comfortable and safe output with multiple cables.

Bi Directional Lid Installation System



Bi directional lid installation (180°)

Ergonomic Design



Due to its ergonomic design different outlets can be achieved (24 for data or 12 for power)

Horizontal and Vertical Socket Plate



The movable cable holders securely hold the cables together

Different Colour Options



- Grey
- Black
- Brown



E-LINEDK DKM-S

▶▶ Junction Box Set

General Introduction and Specifications / Accessories

The DKM-S Junction Box Set; is manufactured in pregalvanised sheet steel. With its various size and height options DKM-S provides solutions for different needs. Its modular structure allows flexible design applications to be achieved. It is suitable for intense cable usage which forms a flexible infrastructure for future use.

It comprises of DKM-S1, DKM-S2, DKM-SK conduit systems and a range of accessories. It forms a strong structure due to its specially designed corners. The minimum screed height is 70mm. The maximum height set prior to the screed finish is 20mm and is a maximum of 15mm after the screed finish.



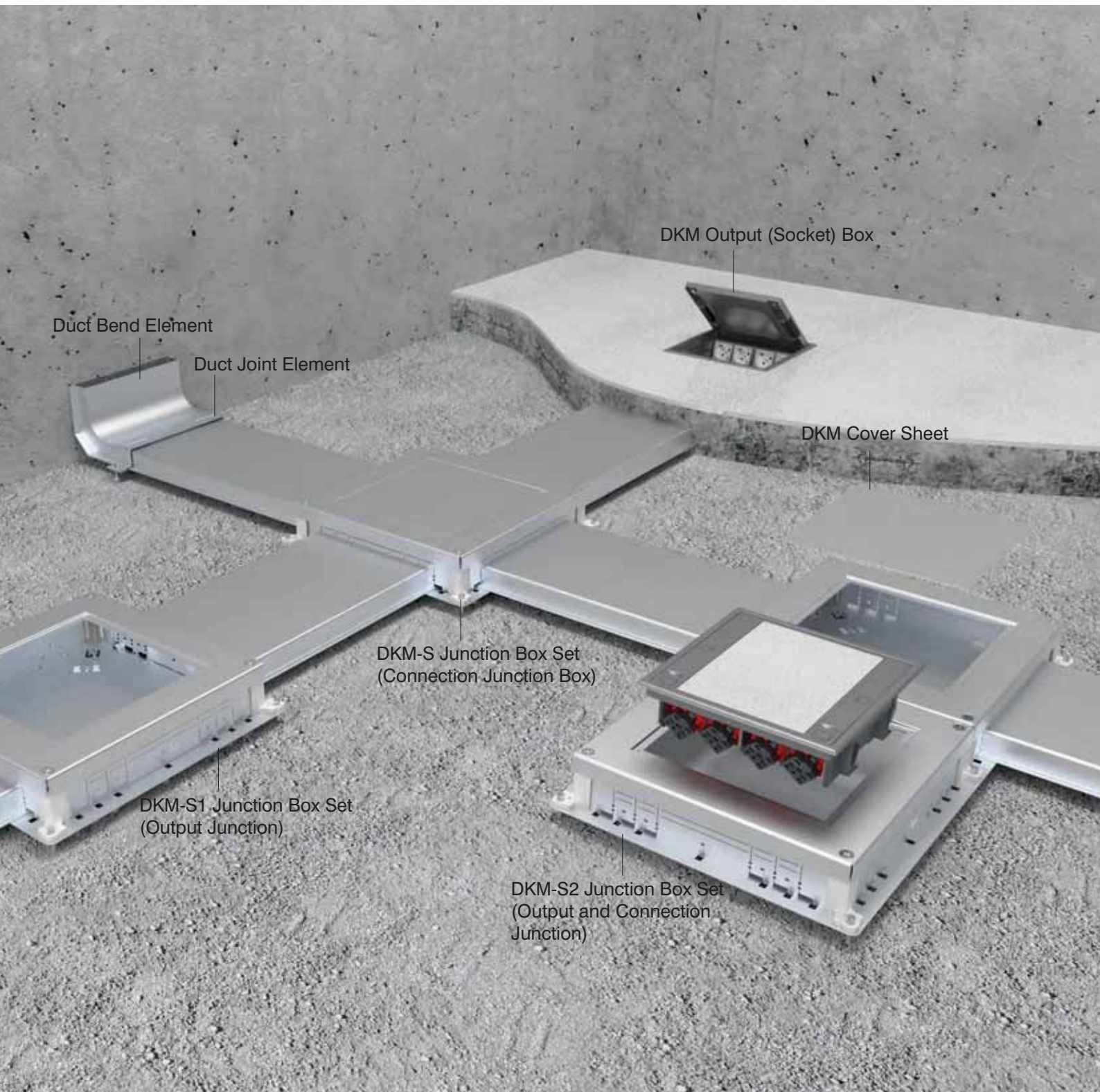
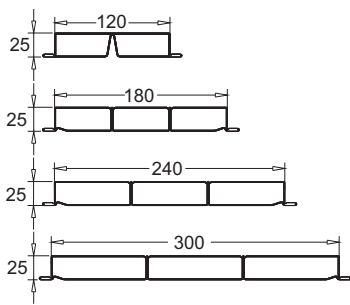


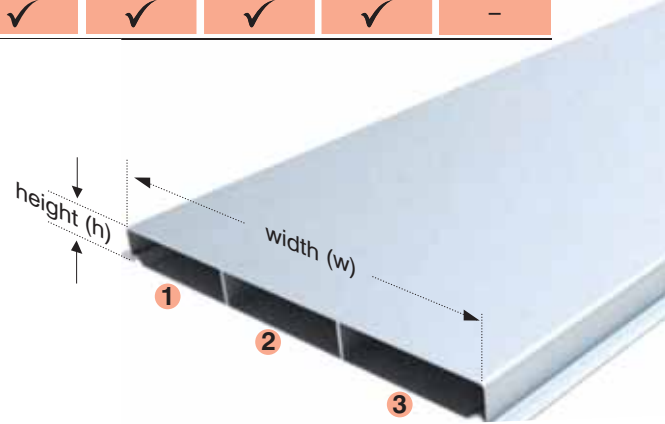
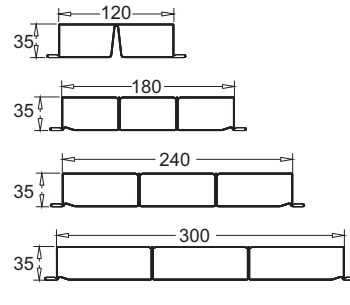
Table of Under-Screed Cable Ducts to Be Used According To Junction Boxes.

Ducts	25x120	25x180	25x215	25x240	25x300	35x120	35x180	35x240	35x300	35x240 Plosive
DKM-S	✓	✓	-	✓	✓	✓	✓	✓	✓	-

25 X ...mm

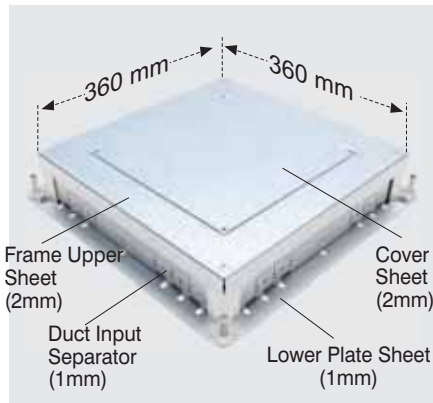


35 X ...mm

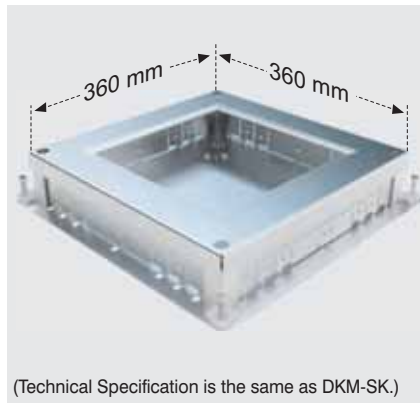


DKM-S Junction Box Types

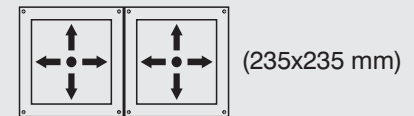
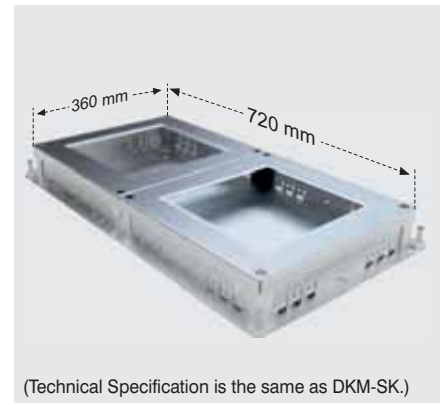
DKM-SK Connection Junction Box



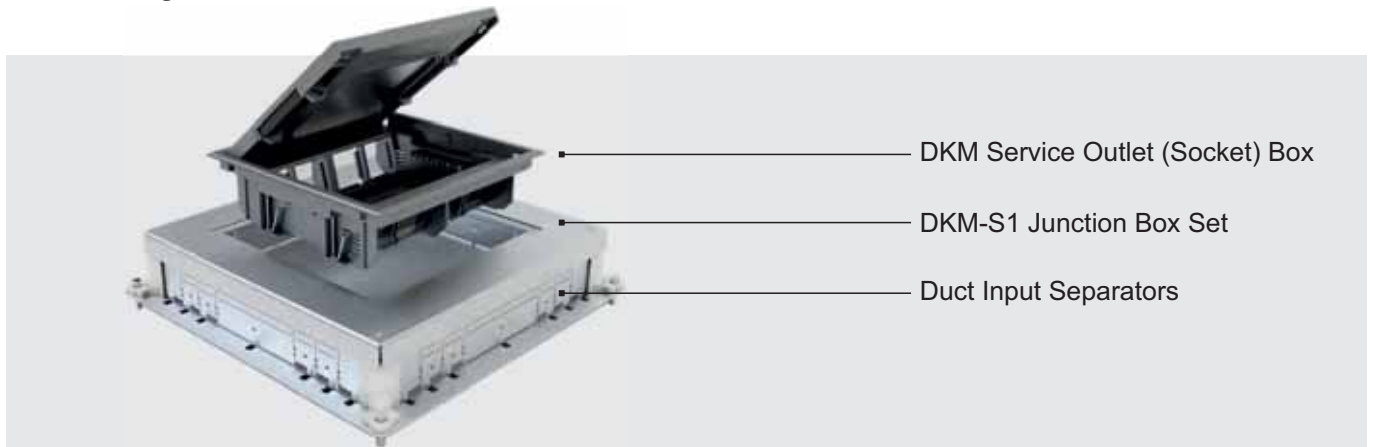
DKM-S1 Output Junction



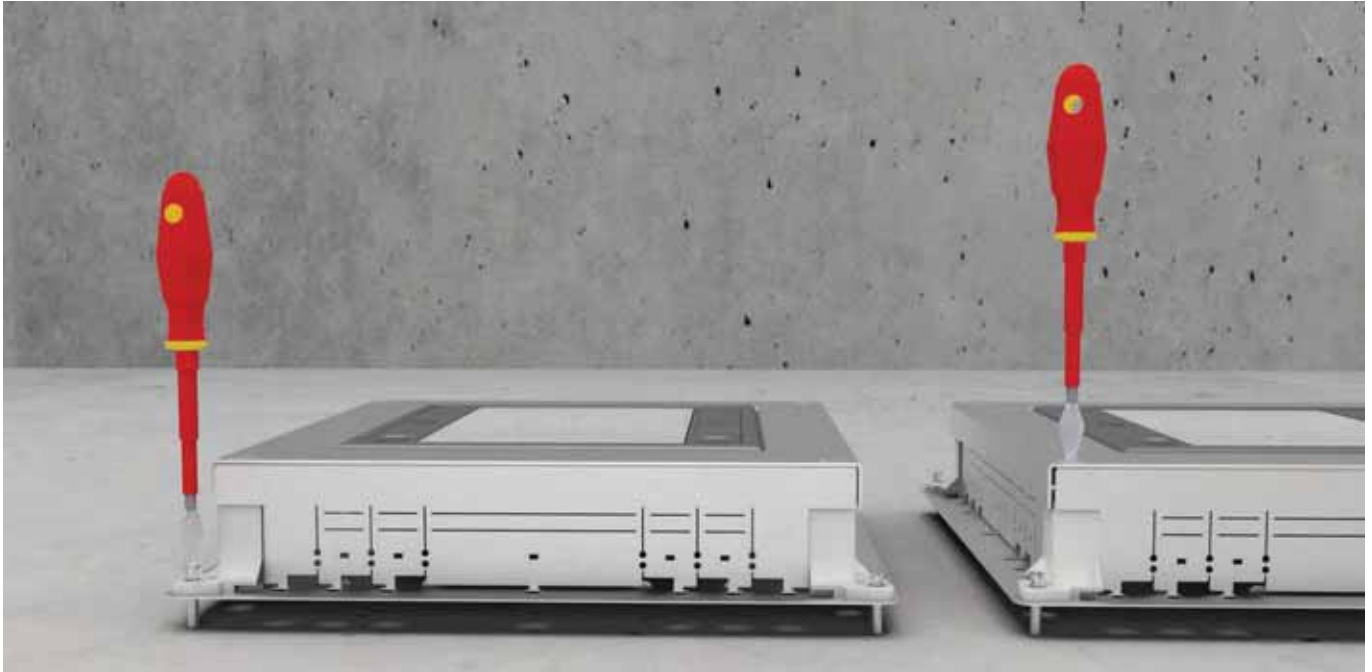
DKM-S2 Output Junction



All junction boxes enable a 4-way duct input. The service outlet box can be mounted in four different ways. The duct input separators are made from galvanised sheet steel and are positioned on all four sides of the junction boxes. The modular design enables the use of under screed cable ducts of 8 different sizes.



Height Adjustments



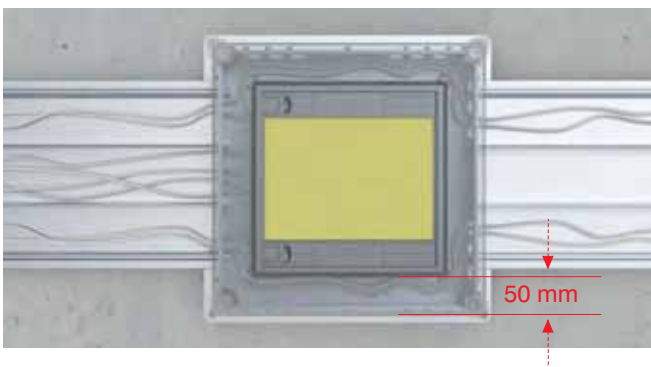
Height Set Up Prior To Screed Finish (20mm)

The DKM-S conduit system has a specially designed level adjustment at each corner for both over and under screed finish. The height setup prior to the screed finish is a maximum of 20mm. The minimum underfloor (screed finish) height is 70mm.

After Screed Height Adjustment (15 mm)

Height set up after screed finish (h) can be adjusted in a linear way between 0- 15mm. It forms a solid structure due to its specially designed corners.

Intensive Cable Passage



With its large internal space the DKM-S Conduit System allows the passage of a large number of cables.

DKM-S1 Output Junction (360x360 mm)

DKM-S2 Output Junction (360x720 mm)



Double Junction (DKM-S2 Output Junction 360x720 mm)



DKM-S2 Junction Box Set (320x720 mm) with its sizes, offers different design alternatives. Upper cover sheet should be ordered separately.

In DKM-S2 Junction Box Set, in the under-screed application where cables are carried intensly, one side can be used for service outlet (Socket) box, and the other for cabling on the duct way.

E-LINEDK DKM-A

▶▶ Junction Box Set

General Introduction and Specifications / Accessories

The DKM-A Junction Box system with its aluminium frame and various size and height options, offers solutions for different needs. Its modular structure allows flexible design applications to be achieved. It is suitable for intense cable usage which forms a strong infrastructure for future use.

The DKM-A set is comprised of DKM-A1, DKM-A2, DKM-A1K, DKM-A2K conduit systems and a range of accessories.

The minimum underfloor height is 70mm. The maximum height set prior to the screed finish is 20mm and is a maximum of 30mm after the screed finish.

The DKM-A Junction Box System, due to its large internal volume and the upper plate thickness of 4mm makes the DKM-A suitable for areas with heavy traffic.



DKM-A2 Junction Set
(450x450 mm)
(Output Junction)

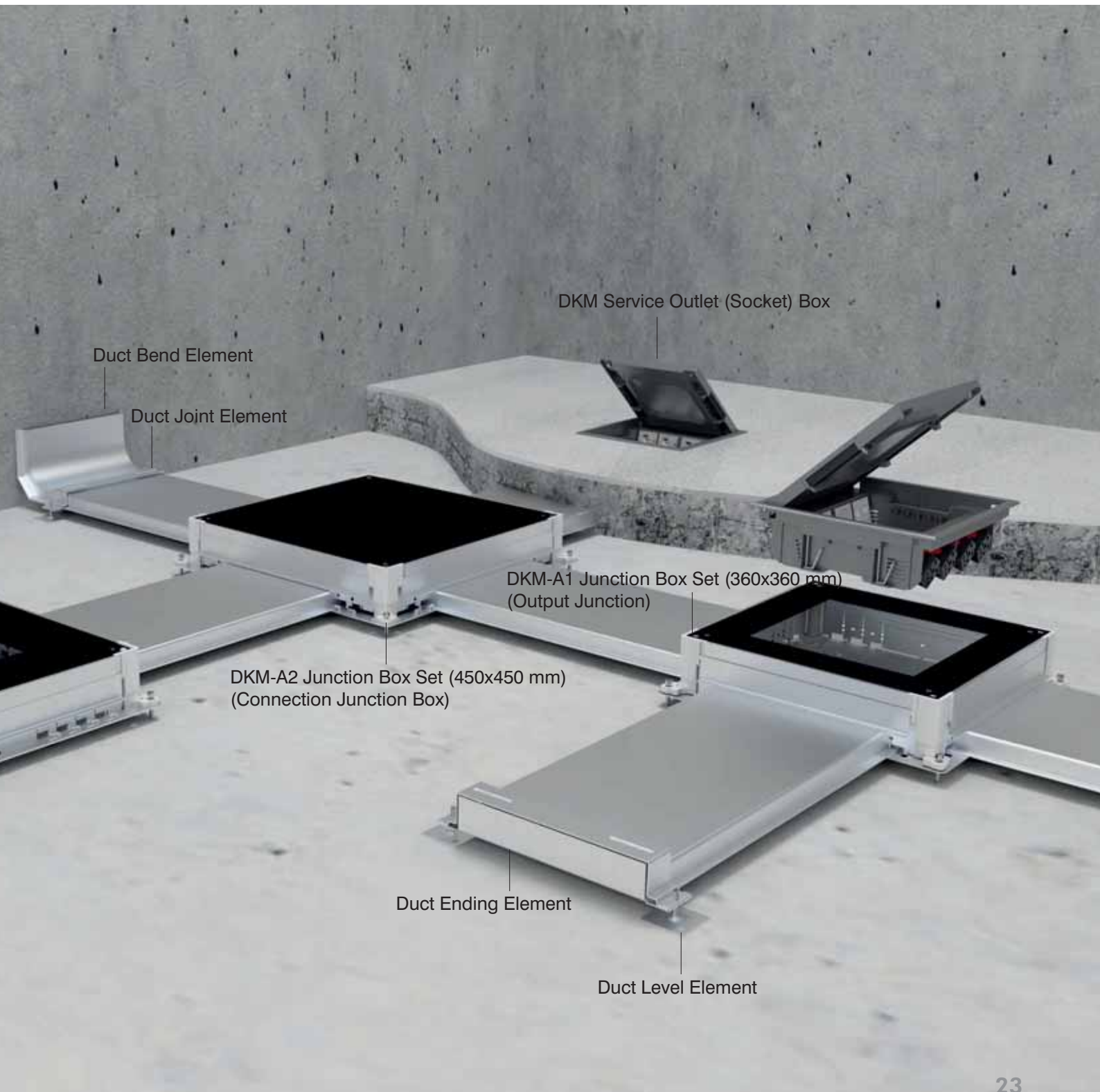
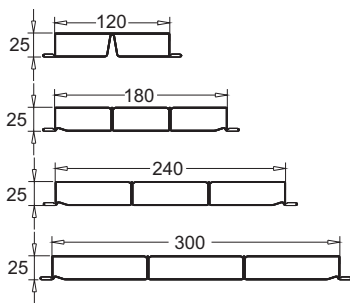


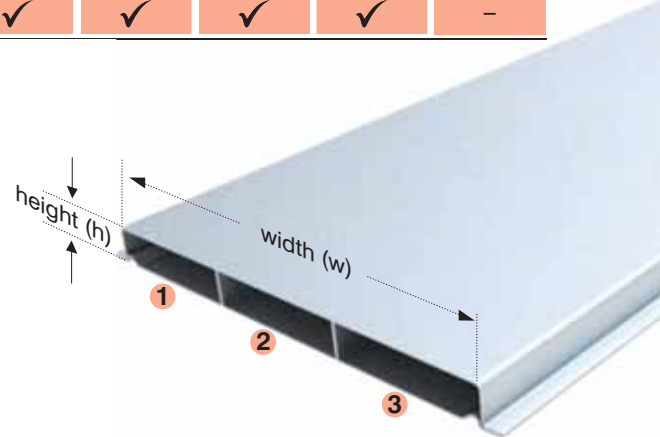
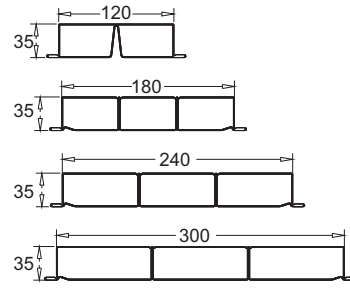
Table of Under-Screed Cable Ducts to Be Used According To Junction Boxes.

Ducts	25x120	25x180	25x215	25x240	25x300	35x120	35x180	35x240	35x300	35x240 Plosive
DKM-A	✓	✓	-	✓	✓	✓	✓	✓	✓	-

25 X ...mm

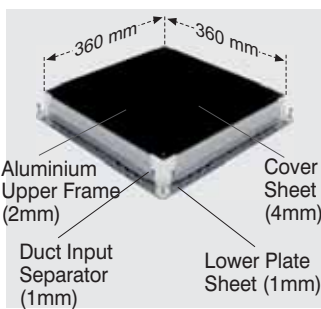


35 X ...mm



DKM-A Junction Box Types

DKM-A1K Connection Junction

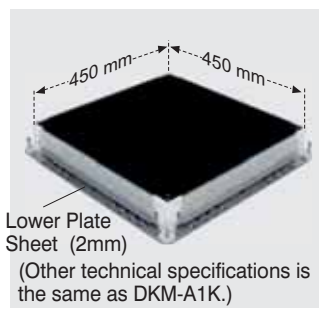


(360x360 mm)

DKM-A1 Output Junction

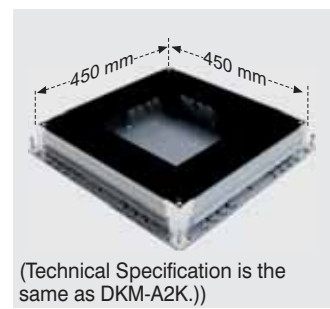


DKM-A2K Connection Junction

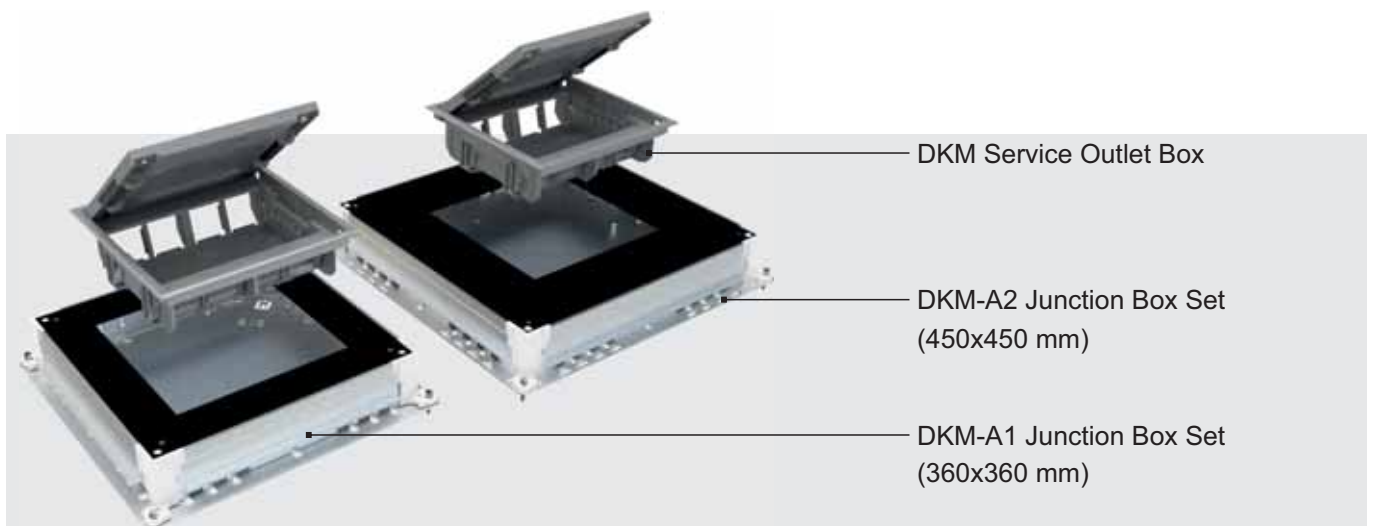


(450x450 mm)

DKM-A2 Output Junction



In addition to their wide interior sections and resistance to heavy traffic loads, DKM-A Junction systems allow using underfloor cable duct with 8 different dimensions with duct entry separators manufactured with aluminium plate and 4 way cable entry, 4 way attachment of outlet box and their modular design.

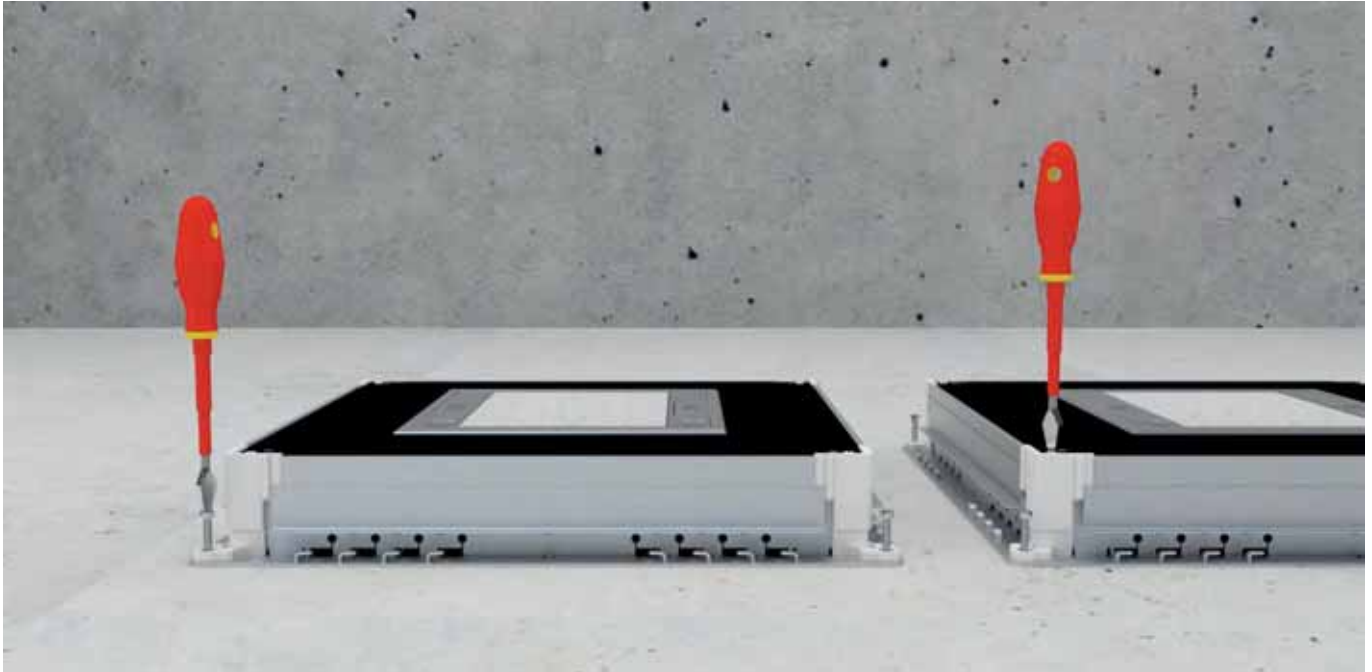


DKM Service Outlet Box

DKM-A2 Junction Box Set (450x450 mm)

DKM-A1 Junction Box Set (360x360 mm)

Height Adjustments



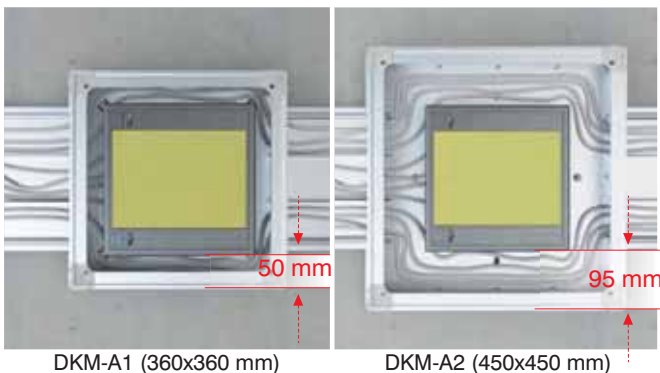
Height set up prior to screed finish (20mm)

After Screed Height Adjustment (30mm)

DKM-A Junction Box System corner piece, with its special design, enables under-screed and on-screed adjustment. Before screed height adjustment is maximum 20 mm.

Height set up after screed finish (h) can be adjusted in a linear way between 0- 30mm. It forms a solid structure due to its specially designed corners.

Intensive Cable Passage



With its large internal space the DKM-A Conduit System allows the passage of a large number of cables.

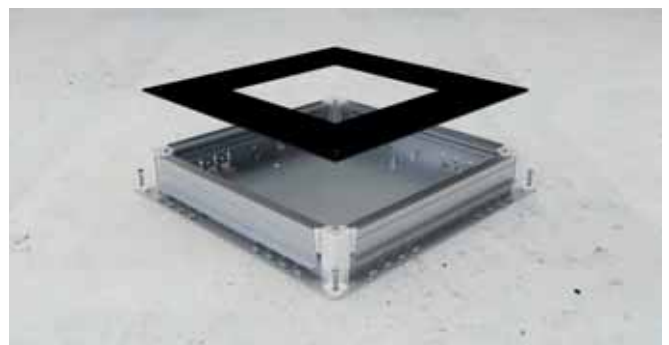
DKM-A1 Output Junction
(360x360 mm)



DKM-A2 Output Junction
(450x450 mm)



Heavy Traffic Load



The DKM-A Junction Box System, due to its special design and the upper plate thickness of 4mm makes the DKM-A suitable for areas with heavy traffic.

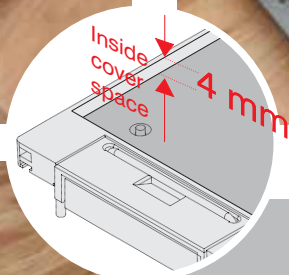
E-LINEDK DKN

►► Service Outlet (Socket) Box

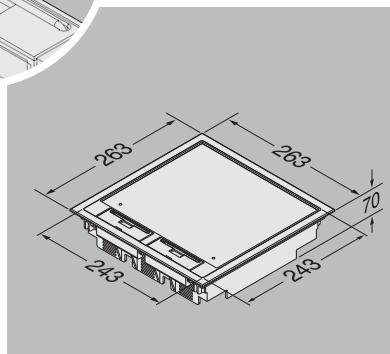
General Introduction and Specifications / Accessories

The DKN Service Outlet (Socket) box meets a number of requirements with its 24 power or 12 data outlet capacities. It is easy to use due to its ergonomic interior design, and the lid design which has a bi directional mounting possibility. The DKN outlet box has a modular design which gives it vertical extension possibilities. The DKN outlet box with its floor depth and various colour options can be easily installed in different decor applications.

Plastic material used is PC which has met 850°C glow wire test conditions, and in V2 fire resistance class according to UL94 standard.



Cover Sheet
Thickness: 4mm



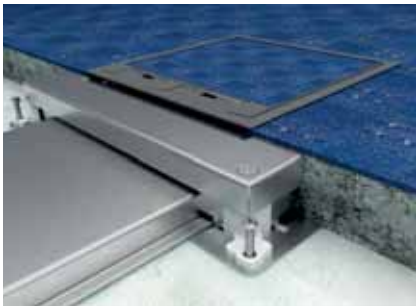


Installation In Different Floor Types

Can be used conveniently with carpet and parquet flooring. The door interior part thickness is maximum 4 mm and the flooring thickness is maximum 20 mm.

It is not suitable for granite type floors.

Carpet



Parquet

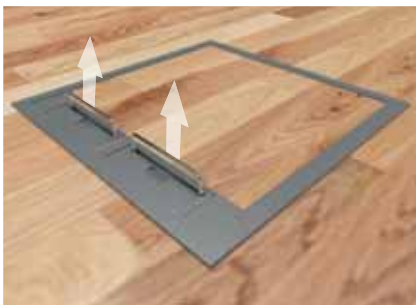


Granite



DKN Service Outlet (Socket) Box Specifications

Ergonomic Cover Opening Handle



The handle ensures easy opening of the lid.

Shielded Output Windows



Cable output form with foam gasket protected allowing comfortable and safe output with multiple cables.

Bi Directional Lid Installation System



Bi directional lid installation (180°)

Ergonomic Design



Due to its ergonomic design different outlets can be achieved (24 for data or 12 for power)

Inside Cover height



With an inside cover height of 4mm it is not suitable for granite floor applications.

Different Colour Options



- Grey
- Black
- Brown



E-LINEDK DKN-S

▶▶ Junction Box Set

General Introduction and Specifications / Accessories

The DKN-S Junction Box system is manufactured from galvanised sheet steel. With its various size and height options it provides solutions for different needs. Its modular structure allows flexible design applications to be achieved. It is suitable for intense cable usage which forms a strong infrastructure for future use.

It is comprised of DKN-S1, DKN-S2, DKN-SK Junction Box Sets and a range of accessories. It forms a strong structure due to its specially designed corners. The minimum screed height is 70mm. The maximum height adjustment prior to the screed finish is 20mm and is a maximum of 15mm after the screed finish.



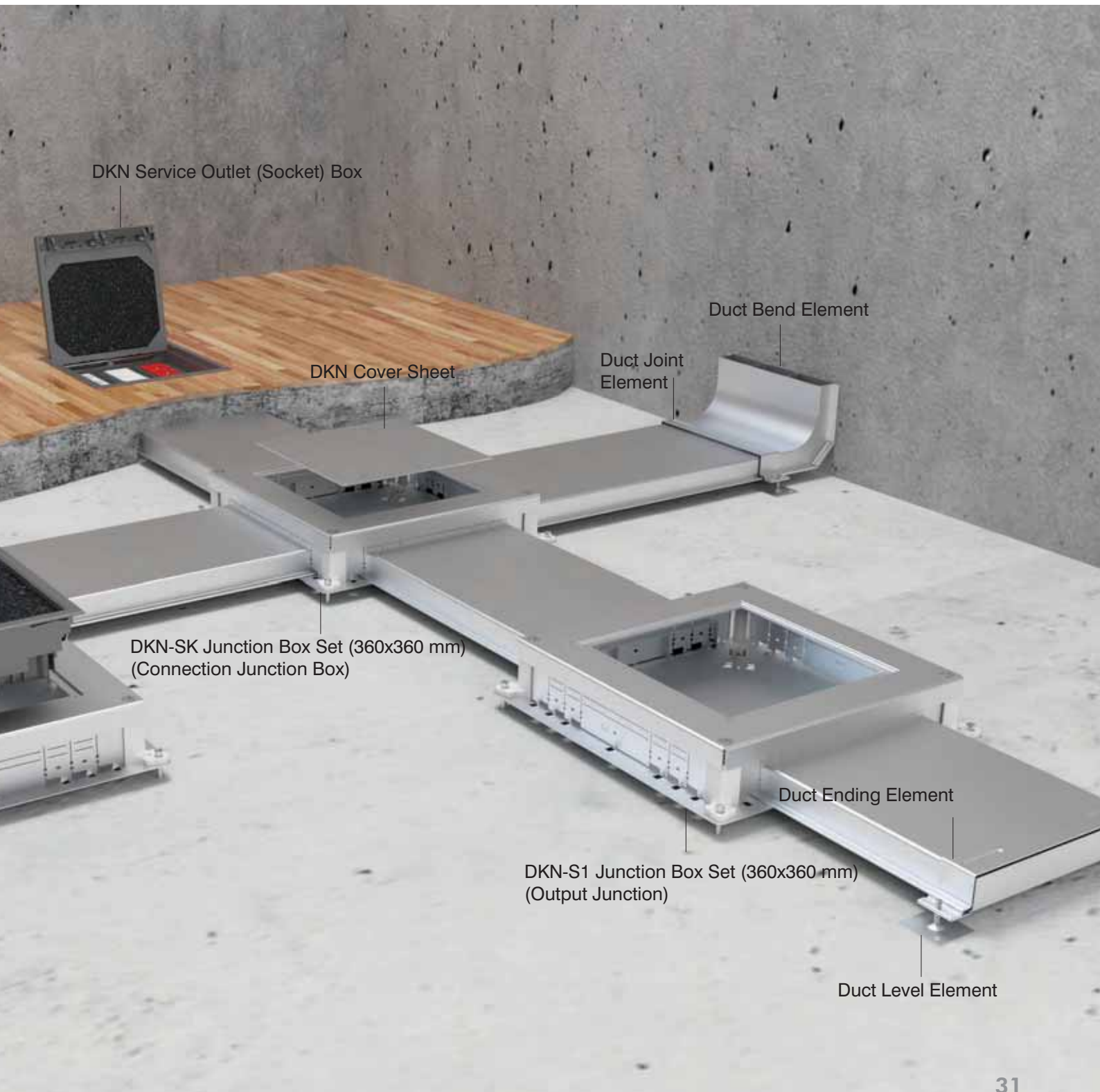
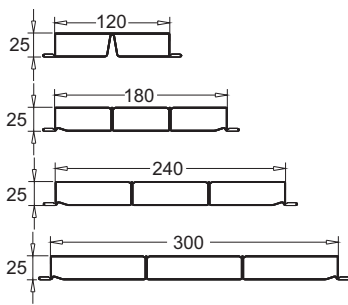


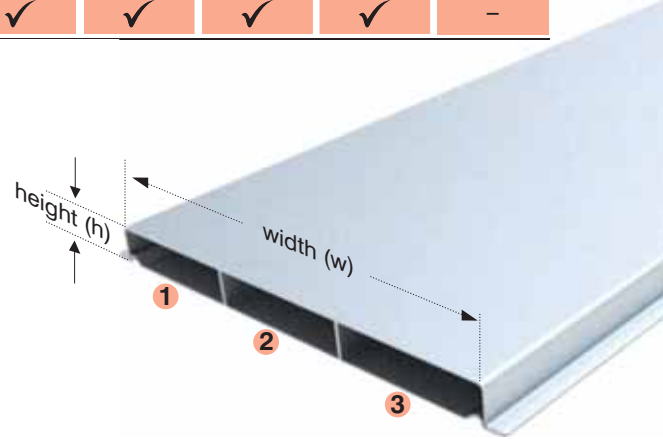
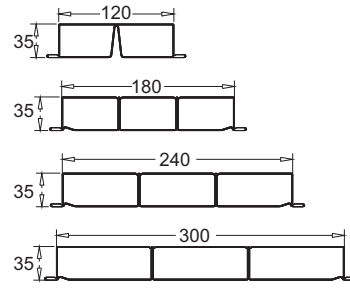
Table of Flooring Duct to Be Used According To Junction Boxes.

Ducts	25x120	25x180	25x215	25x240	25x300	35x120	35x180	35x240	35x300	35x240 Plosive
DKN-S	✓	✓	-	✓	✓	✓	✓	✓	✓	-

25 X ...mm

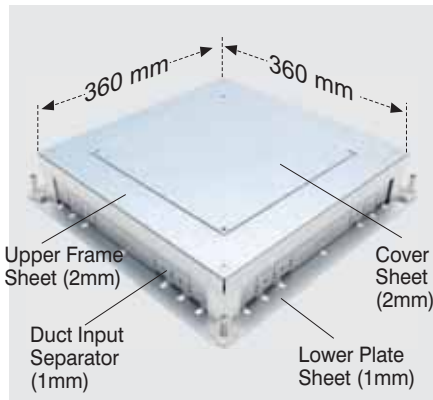


35 X ...mm

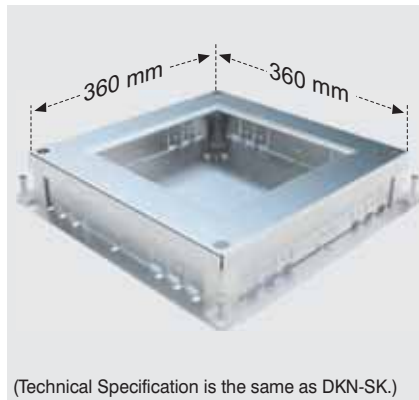


DKN-S Junction Box Types

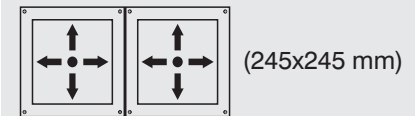
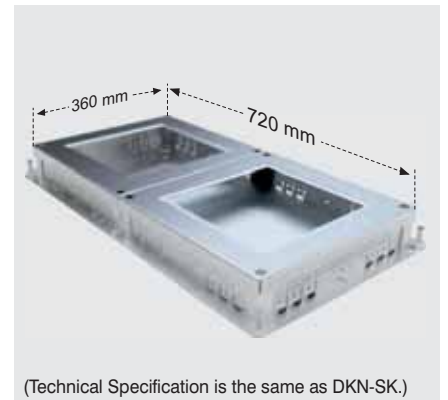
DKN-SK Connection Junction Box



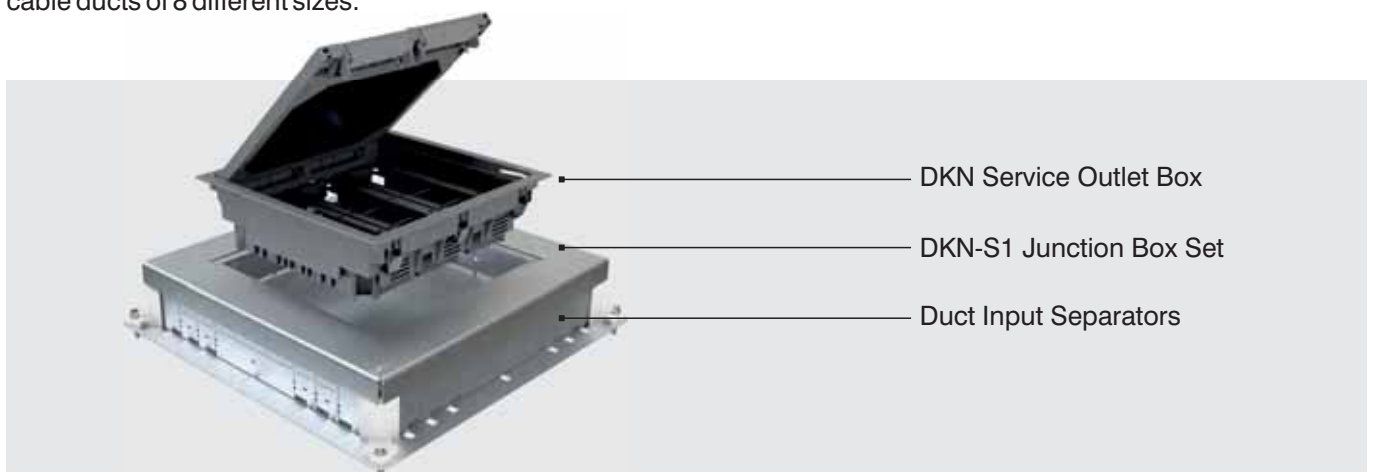
DKN-S1 Output Junction



DKN-S2 Output Junction



The DKN Junction Box Systems enable a 4 way duct input. The duct input separators are made from galvanised sheet steel and are positioned on all four sides of the junction boxes. The modular design enables the use of under screed cable ducts of 8 different sizes.



Height Adjustments



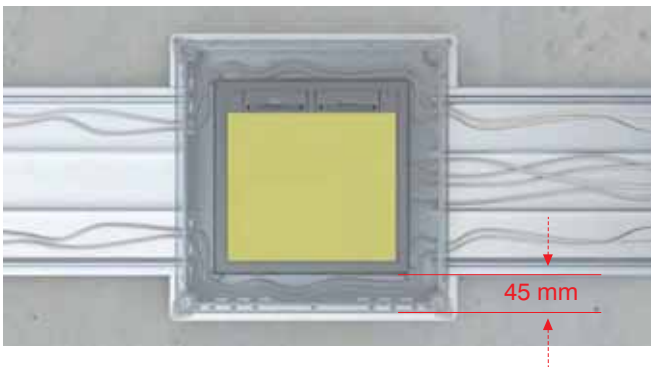
Height set up prior to screed finish (20mm)

The DKN-S Junction Box system has a specially designed level adjustment at each corner for both over and under screed finish. The height setup prior to the screed finish is a maximum of 20mm. The minimum underfloor (screed finish) height is 70mm.

After Screed Height Adjustment (15 mm)

Height set up after screed finish (h) 0-15 mm can be adjusted in a linear way between 0- 15mm. It forms a solid structure due to its specially designed corners.

Intensive Cable Passage



With its large internal space the DKN-S Junction Box System allows the passage of a large number of cables.

DKN-S1 Output Junction (360X360 mm)

DKN-S2 Output Junction (360X720 mm)



Double Junction (DKN-S2 Output Junction 360x720 mm)



DKN-S2 Junction Box Set (360x720 mm) with its sizes, offers different design alternatives. Upper cover sheet should be ordered separately.

In DKN-S2 Junction Box Set; in the under-screed application where cables are carried intensively, one side can be used for service outlet (socket) box, and the other for cabling on the duct way.

E-LINEDK DKN-A

►► Junction Box Set

General Introduction and Specifications / Accessories

The DKN-A Junction Box system with its aluminium frame and various size and height options, offers solutions for different needs. Its modular structure allows flexible design applications to be achieved. It is suitable for intense cable usage which forms a strong infrastructure for future use.

The DKN-A set is comprised of DKN-A1, DKN-A2, DKN-A1K, DKN-A2K and a range of accessories. The minimum screed height is 70mm. The maximum height adjustment prior to the screed finish is 20mm and is a maximum of 30mm after the screed finish. The DKN-A Junction Box system, due to its large internal volume and the upper plate thickness of 4mm makes the DKN-A suitable for areas with heavy traffic.



DKN Service Outlet (Socket) Box

DKN-A1 Junction Box Set (360x360 mm)
(Output Junction)



DKN-A2K Junction Box Set (450x450 mm)
(Connection Junction Box)

Duct Bend Element

Duct Joint Element

Duct Ending Element

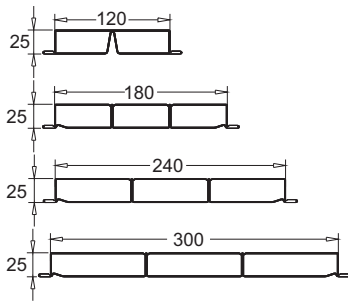
DKN-A2 Junction Box Set (450x450 mm)
(Output Junction)

Duct Level Element

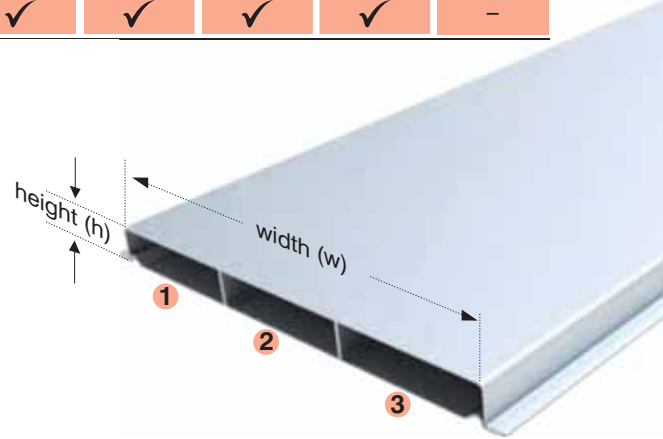
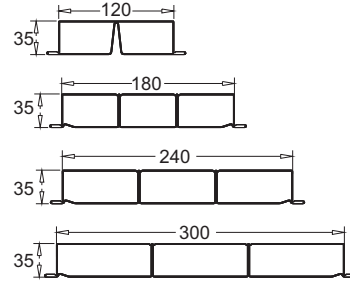
Table of Under-Screed Cable Ducts to Be Used According To Junctions Box.

Ducts	25x120	25x180	25x215	25x240	25x300	35x120	35x180	35x240	35x300	35x240 Plosive
DKN-A	✓	✓	-	✓	✓	✓	✓	✓	✓	-

25 X ...mm

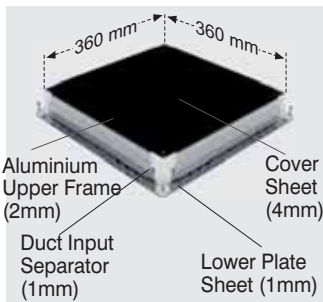


35 X ...mm



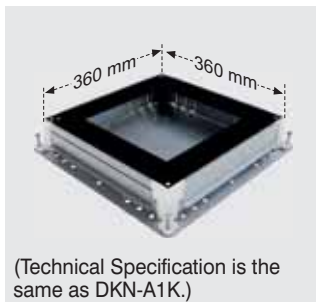
DKN-A Junction Box Types

DKN-A1K Connection Junction

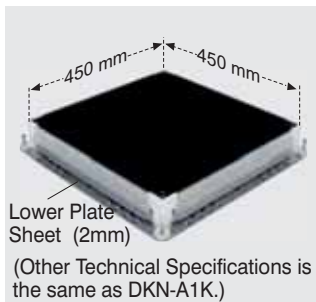


(360x360 mm)

DKN-A1 Output Junction

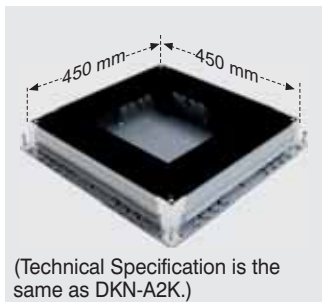


DKN-A2K Connection Junction

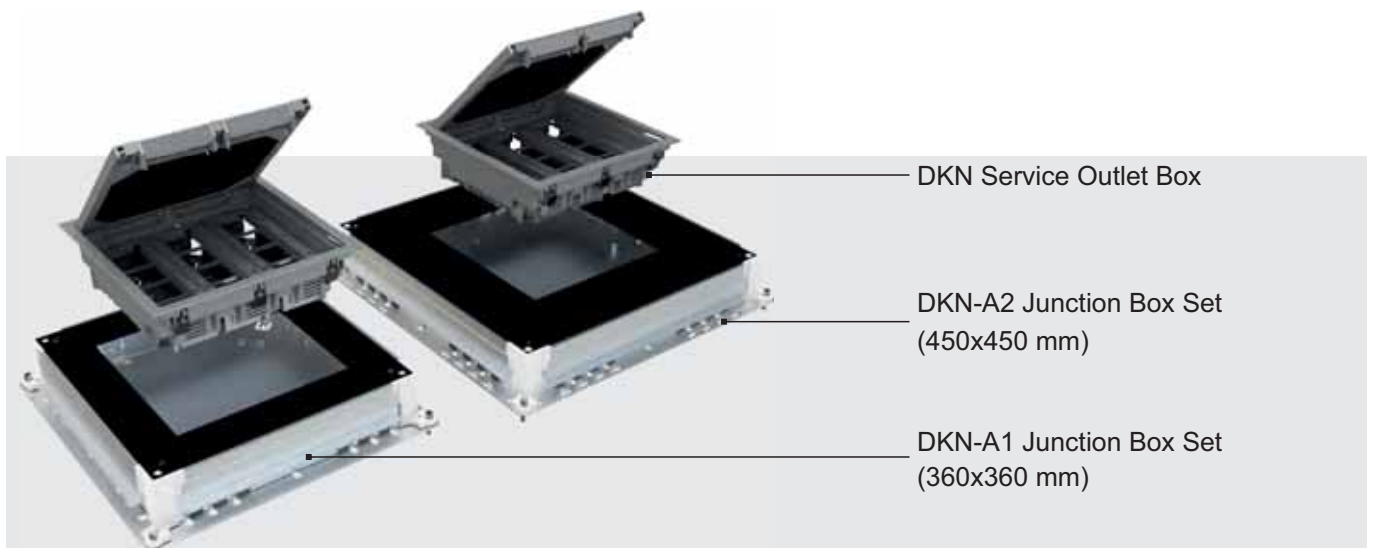


(450x450 mm)

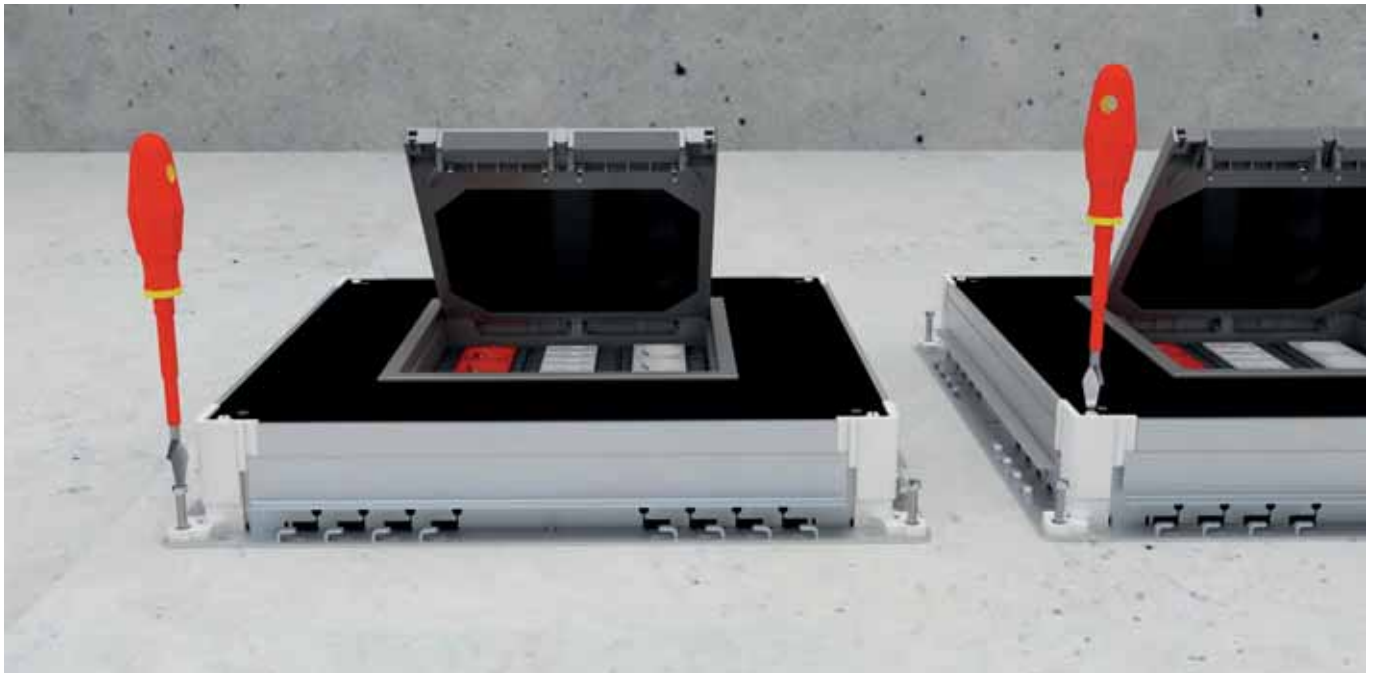
DKN-A2 Output Junction



In addition to their wide interior sections and resistance to heavy traffic loads, DKN-A Junction systems allow using underfloor cable duct with 8 different dimensions with duct entry separators manufactured with aluminium plate and 4 way cable entry, 4 way attachment of outlet box.



Height Adjustments



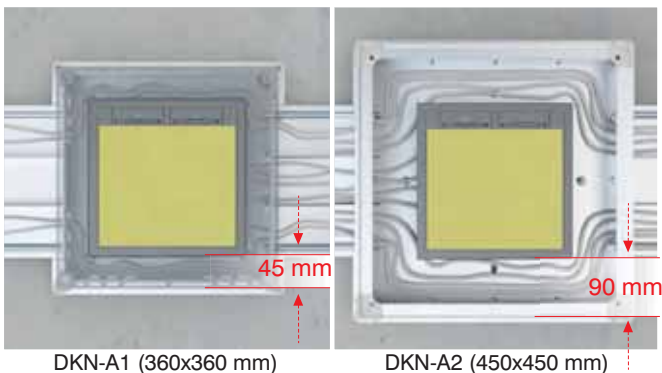
Height set up prior to screed finish (20mm)

After Screed Height Adjustment (30mm)

The DKN-A Junction Box system has a specially designed level adjustment at each corner for both over and under screed finish. The height setup prior to the screed finish is a maximum of 20mm.

Height set up after screed finish (h) 0-30 mm can be adjusted in a linear way between 0- 30mm. It forms a solid structure due to its specially designed corners.

Intensive Cable Passage



With its large internal space the DKN-A Junction Box System allows the passage of a large number of cables.

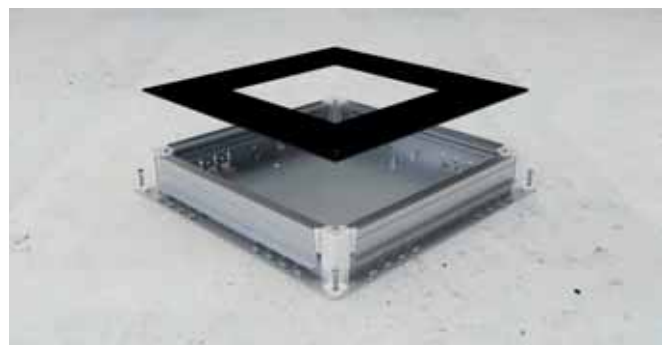
DKN-A1 Output Junction
(360x360 mm)



DKN-A2 Output Junction
(450x450 mm)



Heavy Traffic Load



The DKN-A Junction Box System, due to its special design and the upper plate thickness of 4mm makes the DKN-A suitable for areas with heavy traffic.

E-LINEDK DKC

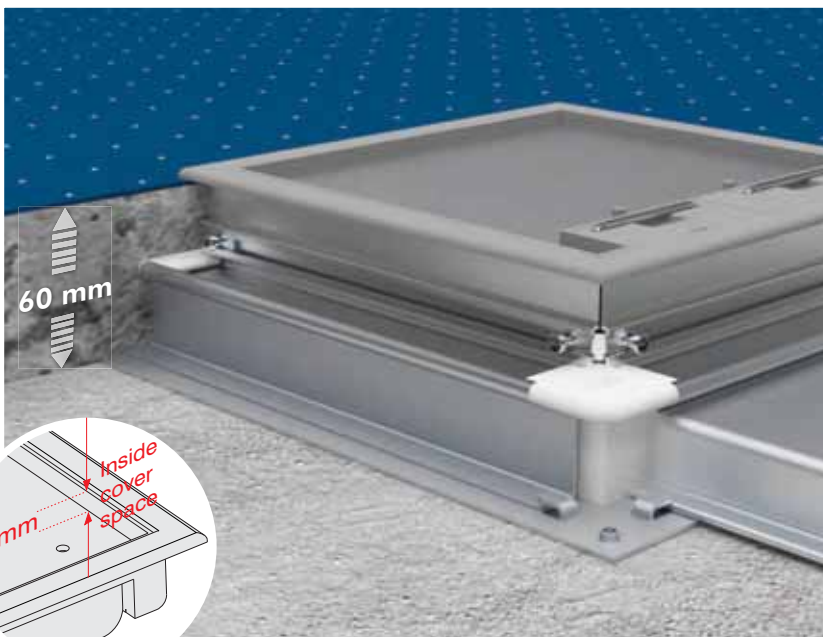
►► Service Outlet (Socket) Box and Junction Box Set

General Introduction and Specifications / Accessories

The DKC Service Outlet (Socket) Box and Junction Box set with its aluminium frame has a special structure and set of accessories. The levelling set up is done prior to the screed finish, the setup range is from 0-25mm. The DKC junction box system offers up to three power outlets and four data or telephone outlets. Plastic material is PA6 which has met 960°C glow wire test conditions, and in V2 fire resistance class according to UL94 standard.

Screed Finish Height Level (60mm)

The biggest advantage of the DKC system is that it has a maximum screed finish height of 60mm.



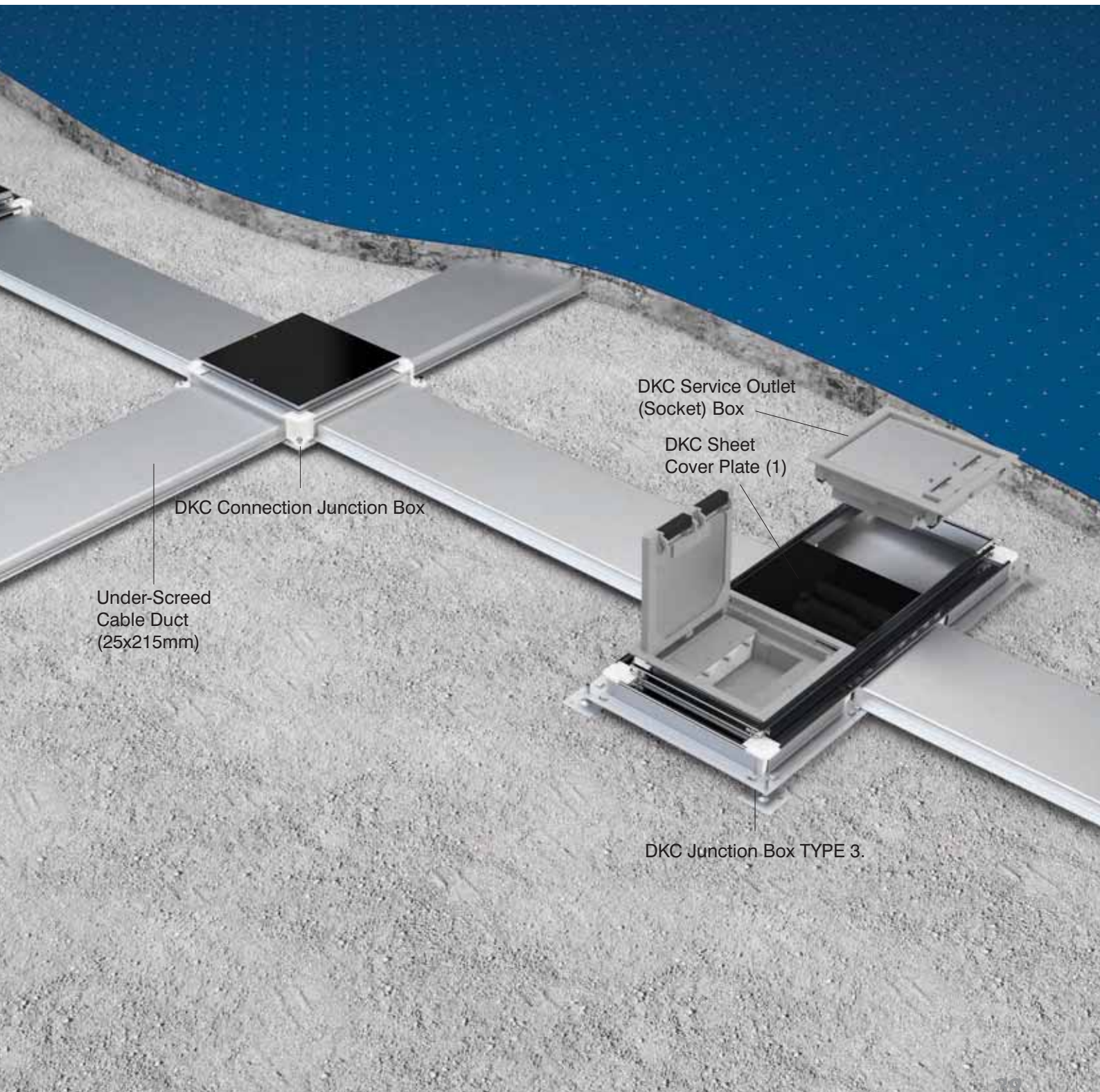
Cover Sheet
Thickness: 2mm



DKC Junction Box TYPE 2.

DKC Service Outlet (Socket) Box

DKC Junction Box TYPE 1.



DKC Connection Junction Box

Under-Screed
Cable Duct
(25x215mm)

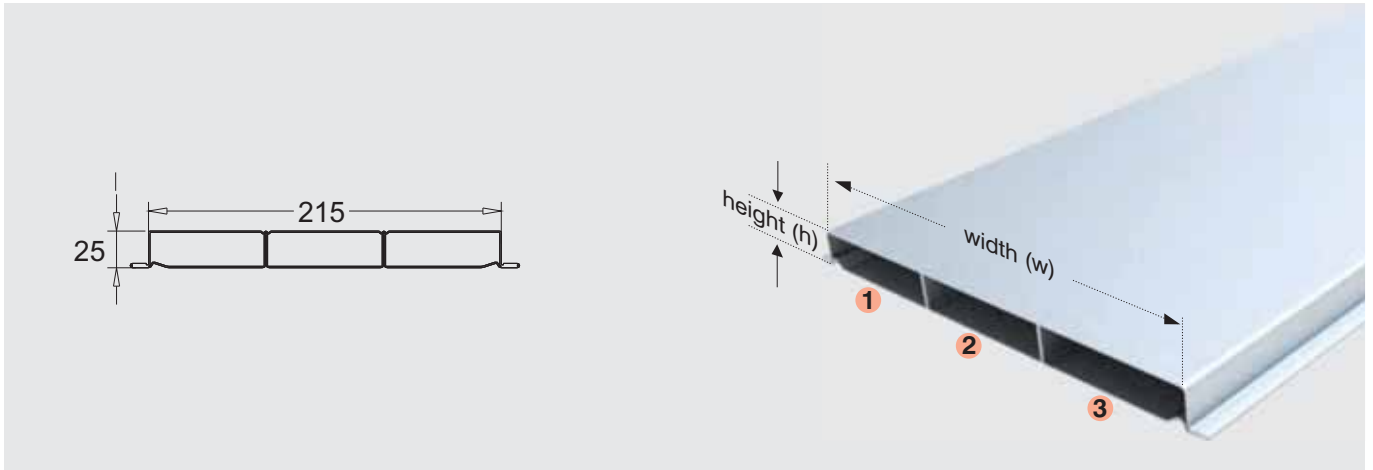
DKC Service Outlet
(Socket) Box

DKC Sheet
Cover Plate (1)

DKC Junction Box TYPE 3.

Table of Under-Screed Cable Ducts to Be Used According To Junction Boxes.

Ducts	25x120	25x180	25x215	25x240	25x300	35x120	35x180	35x240	35x300	35x240 Plosive
DKC	-	-	✓	-	-	-	-	-	-	-



■ May only be used with 25x215 mm underfloor cable duct.

Height Adjustment



Before Screed Height Adjustment (25 mm)

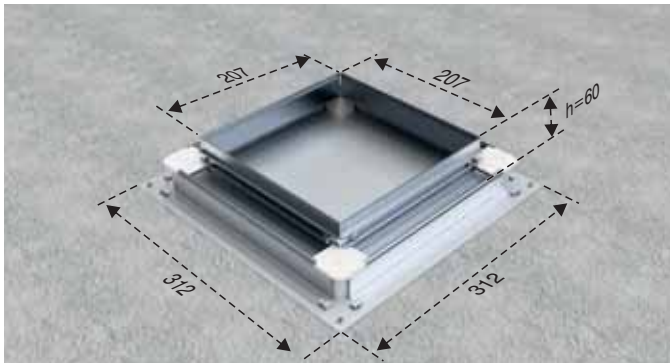
Before screed height level adjustment interval is 0-25 mm. However; **there is no possibility of after screed adjustment.**

DKC Junction Box Types and Specifications

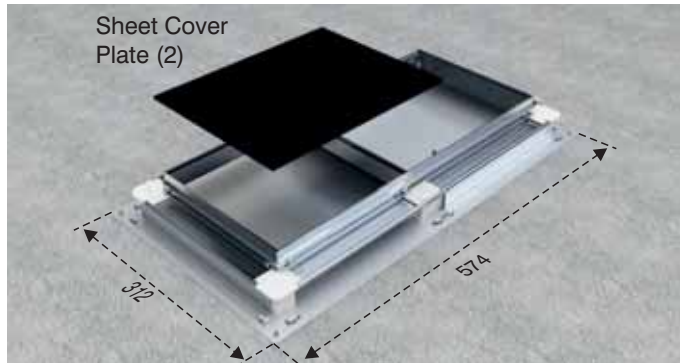
Classified as **a)** DKC Junction Box TYPE 1 **b)** DKC Junction Box TYPE 2 **c)** DKC Junction Box TYPE 3 **d)** DKC Connection Junction Box.

Note: Sheet cover plates are in a thickness of 4 mm and electrostatic powdered painted.

Junction Box TYPE (1)



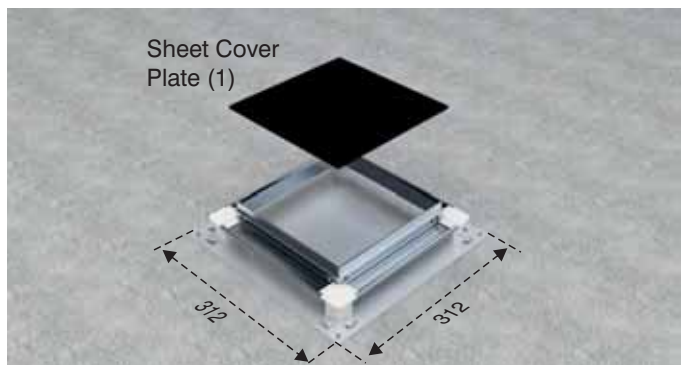
Junction Box TYPE (2)



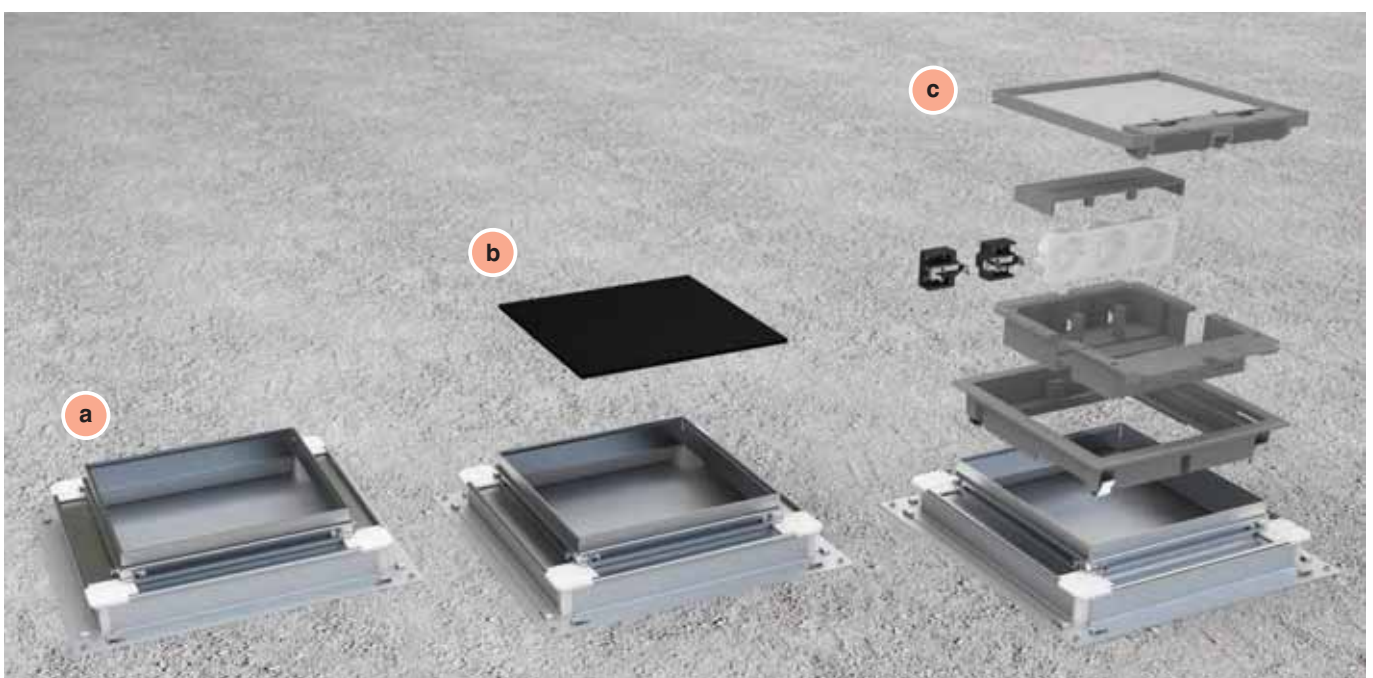
Junction Box TYPE (3)



Connection Junction Box (Type 1 + Sheet Cover (1))



Module Options



a Junction Box TYPE 1

b Connection Junction Box
Junction Box Type 1 + Sheet Cover (204x204)

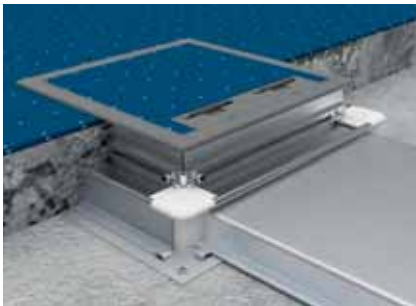
c Junction Box Type 1 + Service Outlet (Socket) Box

Installation In Different Floor Types

Can be used conveniently with carpet and parquet flooring.
The door interior part thickness is maximum 8mm and the flooring thickness is maximum 15mm.

It is not suitable for granite type floors.

Carpet



Parquet

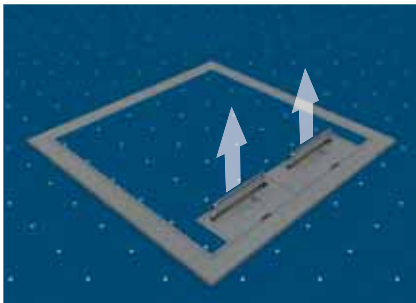


Granite



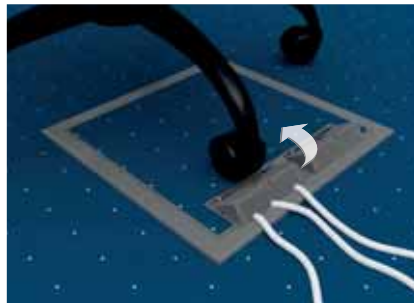
DKC Service Outlet (Socket) Box Specifications

Ergonomic Cover Opening Handle



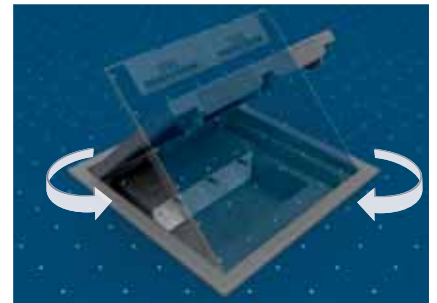
The handle ensures easy opening of the lid.

Shielded Output Windows



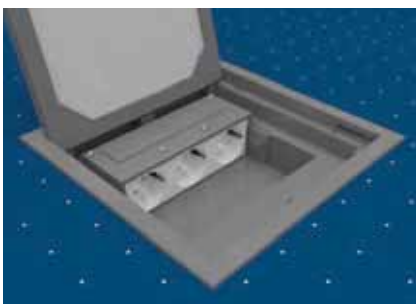
Cable output form with foam gasket protected allowing comfortable and safe output with multiple cables.

Bi Directional Lid Installation System



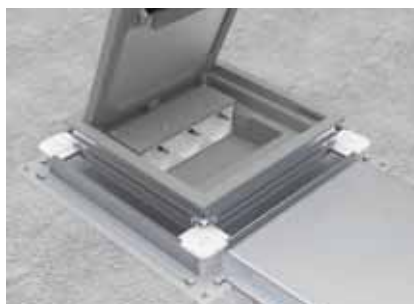
Bi directional lid installation (180°)

Ergonomic Design



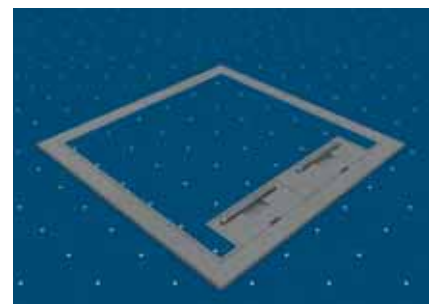
Due to its ergonomic design different outlets can be achieved (4 for data or 3 for power)

Compact Structure



Minimum screed height is 60 mm.

Different Colour Options





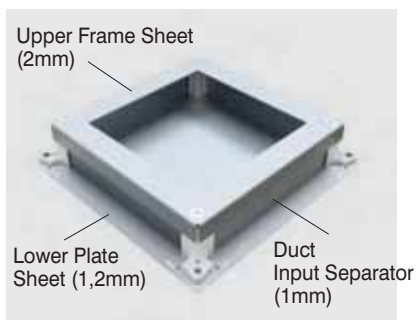
E-LINEDK DKS/DKH/DKZ DKZ-V

►► Junction Box Set

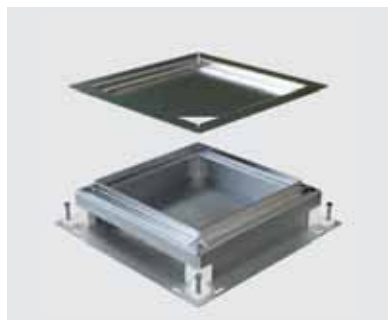
General Introduction and Specifications / Accessories

DK S/H/Z-V Junction Box Sets are manufactured from galvanised sheet steel. The minimum screed height is 60mm. This system can be adjusted in a linear way between (h) 60 – 75mm. Before Screed maximum height adjustment is 20 mm, after screed maximum height adjustment is 15 mm.

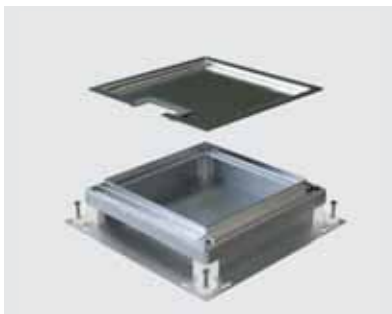
DKC Service Outlet (Socket) Box, can only be used in DKS Junction Box Set as a set. However, if requested, DKC socket cases, socket housings, case cover and DKC sockets can also be used in DKZ-V junction box set. Cover sheets (304 PS) are produced as 1.5 mm stainless



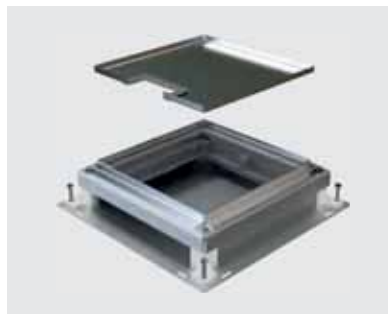
DKS Junction Box
(DKH/DKZ/DKZ-V Junction boxes are as same as DKS Junction box in terms of housing.)



DKH Output Junction and Cover Set.

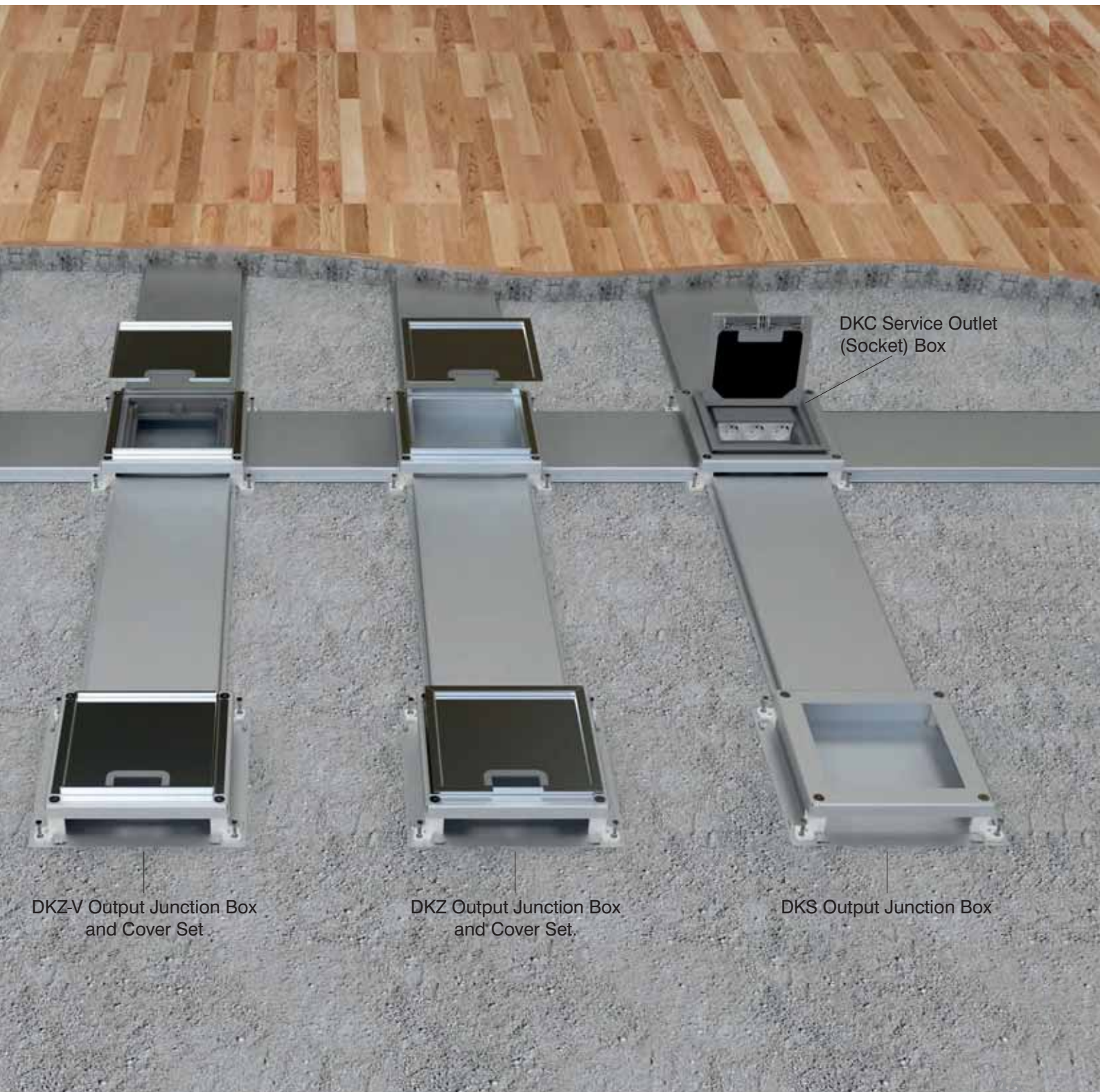


DKZ Output Junction Box and Cover Set.



DKZ-V Output Junction Box and Cover Set.





DKZ-V Output Junction Box
and Cover Set

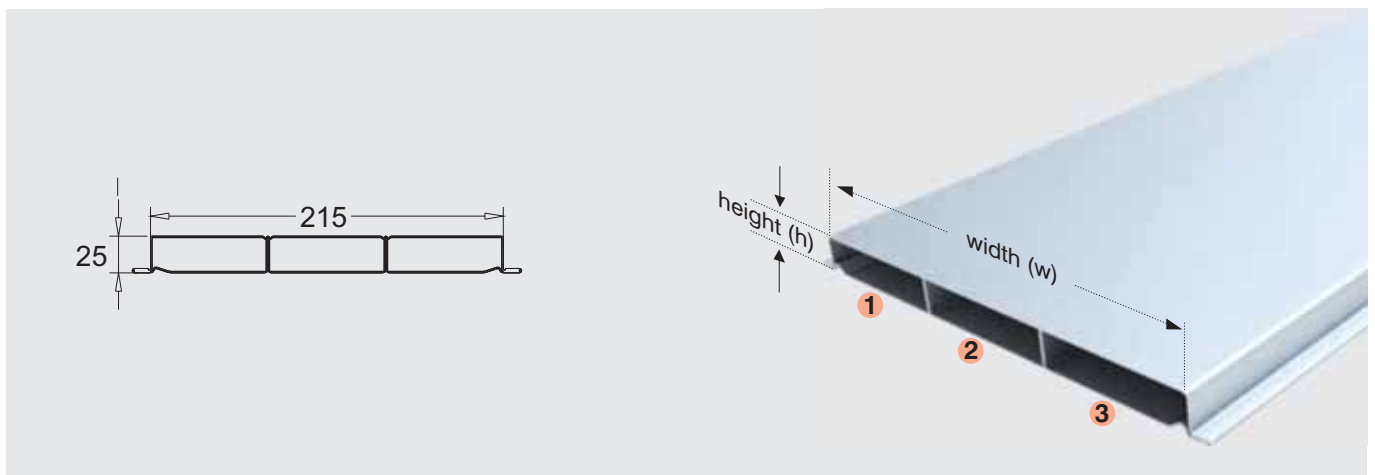
DKZ Output Junction Box
and Cover Set.

DKC Service Outlet
(Socket) Box

DKS Output Junction Box

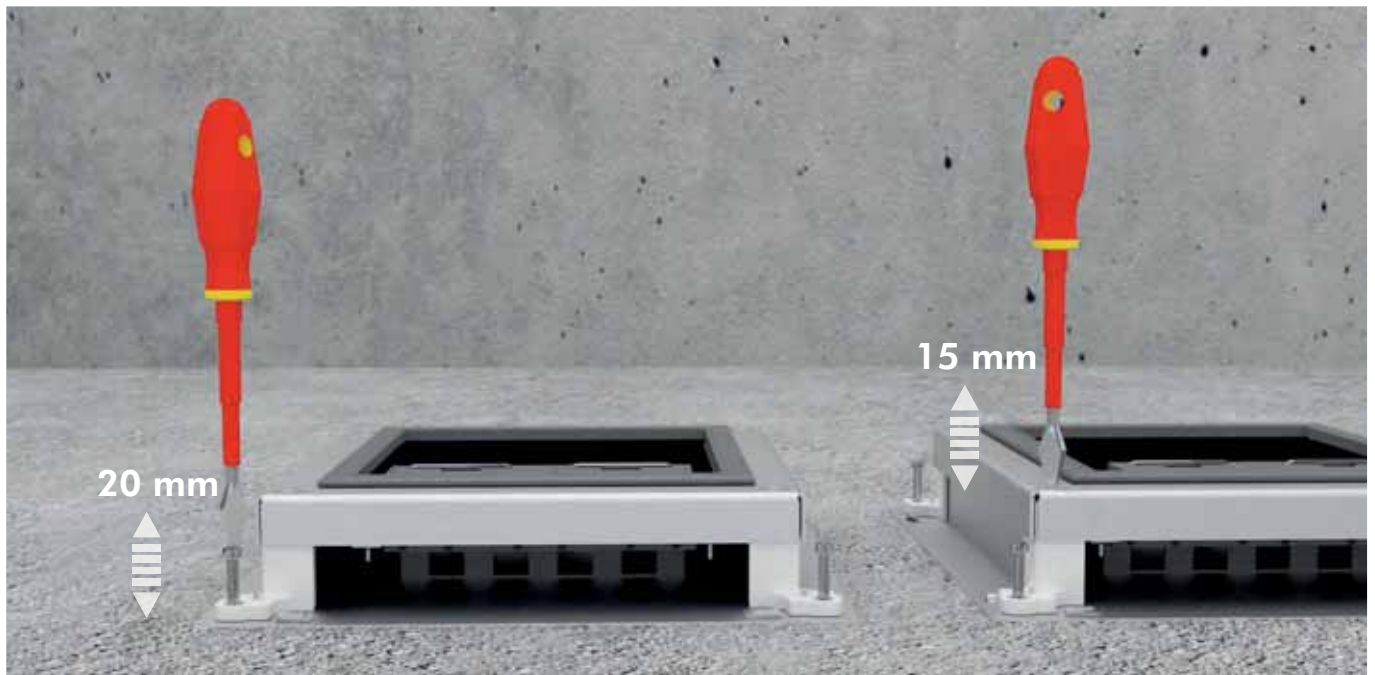
Table of Under-Screed Cable Ducts to Be Used According To Junctions.

Ducts	25x120	25x180	25x215	25x240	25x300	35x120	35x180	35x240	35x300	35x240 Plosive
DKS	-	-	✓	-	-	-	-	-	-	-
DKZ-V	-	-	✓	-	-	-	-	-	-	-
DKZ	-	-	✓	-	-	-	-	-	-	-
DKH	-	-	✓	-	-	-	-	-	-	-



■ May only be used with 25x215 mm underfloor cable duct.

Height Adjustment



Before Screed Height Adjustment (20 mm)

After Screed Height Adjustment (15 mm)

DK S/H/Z/Z-V System corner piece, with its special design, enables before-screed and after-screed adjustment. Before screed height adjustment is maximum 20 mm.

After Screed Height Adjustment is 15 mm.



E-LINEDK DKA

►► Junction Box and Duct System

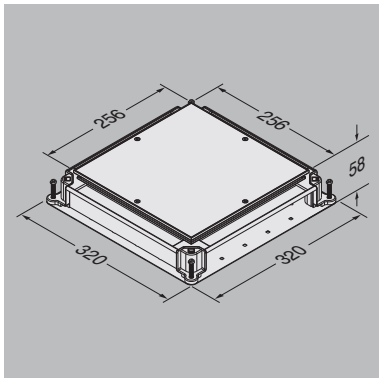
General Introduction and Specifications / Accessories

The DKA Junction Box System is comprised of specific accessories. Each duct has cable outlets at 50 cm intervals. There are four cable outlets along each duct length.

In every duct there are 4 outputs. Under-screed cable duct, with this feature, is also called as "ready hole type duct type duct". The corner design ensures a very strong structure.

The minimum screed finish height is 58mm. The height setup range prior to screeding is 20mm. The ducting cannot be adjusted after screeding.

The plastic material is PA6 which has met 850°C glow wire test conditions, and in V2 fire resistance class.



Lower cover sheet: 1,2mm
Upper cover: 4mm

DKA Junction Box

EAE under screed cable ducts have a special seamless design which prevents corrosion and damage to the cables running through them. This also ensures maximum useable space inside the duct.



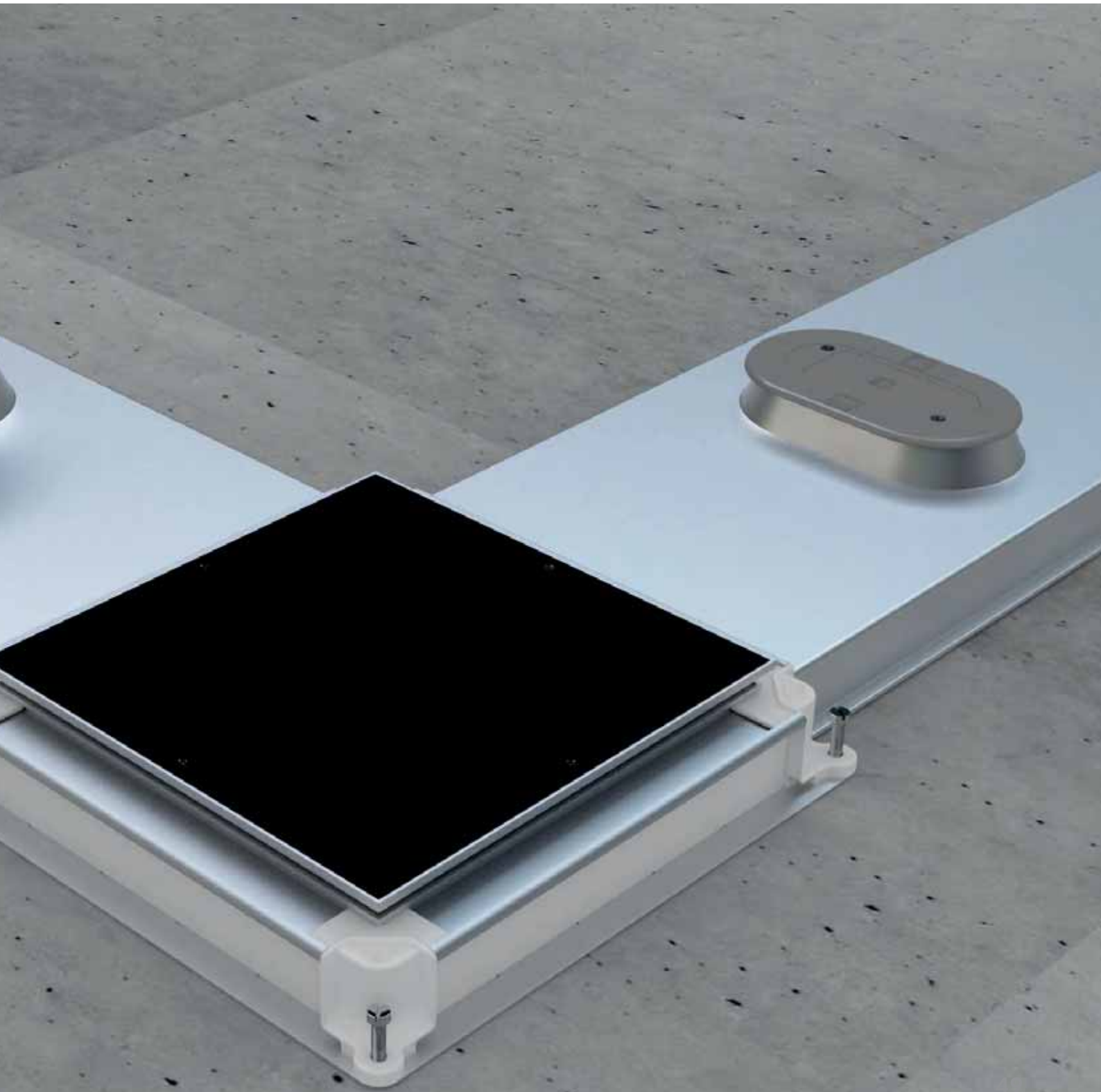
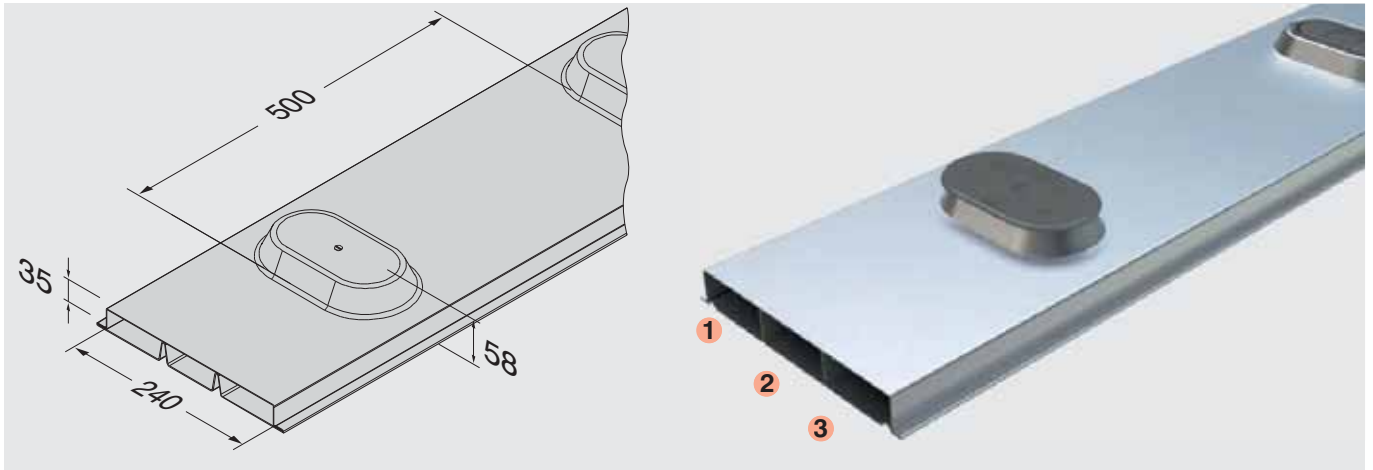
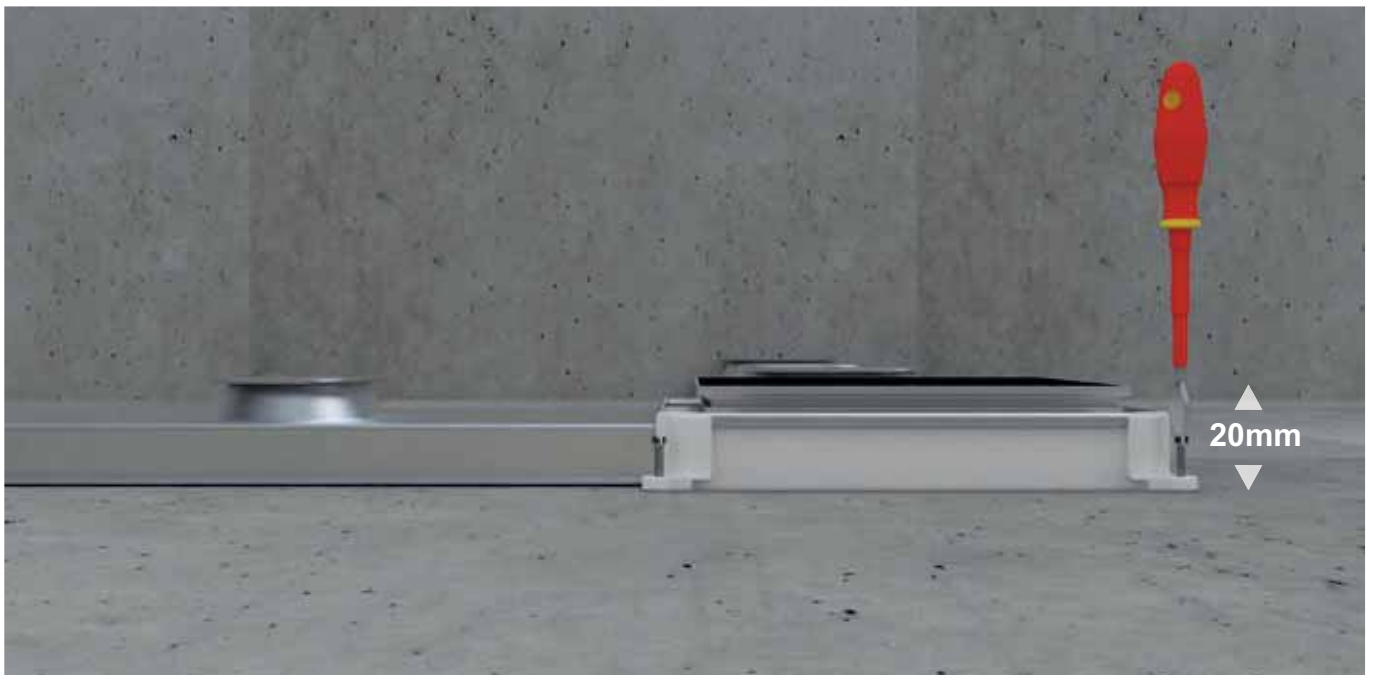


Table of Under-Screed Cable Ducts to Be Used According To Junction Boxes

Ducts	25x120	25x180	25x215	25x240	25x300	35x120	35x180	35x240	35x300	35x240 Plosive
DKA	-	-	-	-	-	-	-	-	-	✓



Height Adjustment



Before Screed Height Adjustment (20 mm)

Minimum screed height is 58 mm; there is only before screed height adjustment possibility. Before Screed height adjustment interval is 20 mm. **There is no possibility of after screed height adjustment.**

DK UNDER SCREED MOUNTING INSTRUCTIONS

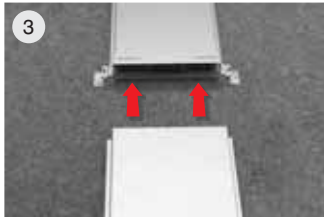
►► Mounting and Rabbit Wire Application



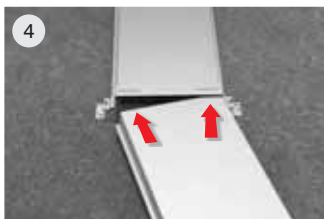
1 Draw a rope that is compatible with the system.



2 Joint the ducts together.



3 Mount the joint element to the end of the duct.



4 Mount the other duct joint element.



5 Cut the separator plate based on duct dimension.



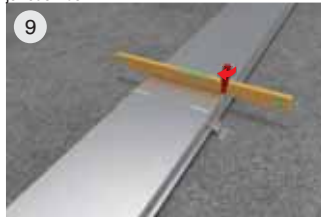
6 Bend the sheet for the duct input.



7 Plug the duct in the junction input.



8 Make the level adjustment on scales of the junction box.



9 Make the level adjustment on scales of the joint.



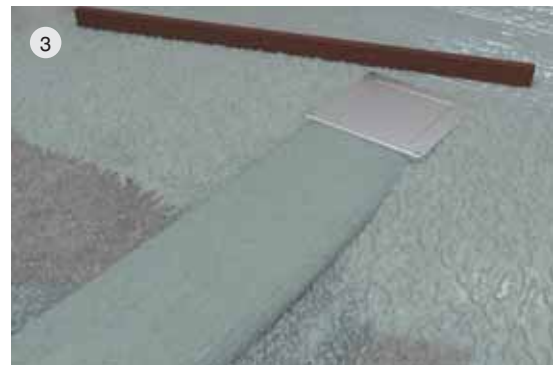
10 Complete the system connections.



11 Apply the levelling screed. Fill completely without any empty sections under the duct and junction boxes.

RABBIT WIRE APPLICATIONS;

In flooring duct systems if the underfloor thickness on the duct is not sufficient, "Rabis Wire" (thin cage wire) shall be applied on the ducts prior to flooring. For this application, a thin coat of cement mortar shall be applied and shall be filled completely and then the Rabis Wire shall be placed. Over the Rabis Wire that is applied, another coat of cement mortar shall be applied. Lastly with the application of the required cement finish, the process must be completed.



- 1- Using a tight string (or Laser) set out the layout and finished screed heights.
- 2- Firstly, start the installation with the junction boxes.
- 3- To ensure that the installation conditions are suitable, lay a levelling (ribbon) screed.
- 4- Using a spirit level, install the auxiliary ducts and junction boxes.
- 5- If a levelling screed is not used, ensure that the upper point of the junction boxes and the upper points of the ducts and outlets are at the correct level.
- 6- Fix the system on to some key points.
- 7- Put in place the transparent protective covers of the junction boxes and do not remove them during screeding.
- 8- If necessary apply the Rabbit wire (see above)
- 9- While the levelling screed is being poured, ensure an electrician will be available to install the system.
- 10- Mount the outlet boxes after the underfloor layout is finished.

IMPORTANT NOTE: When the top material such as marble, granite, parquet, carpet and ceramic that will be applied over the cement finish, the junction box holes shall be left open with the same dimensions and projection.

E-LINEDK

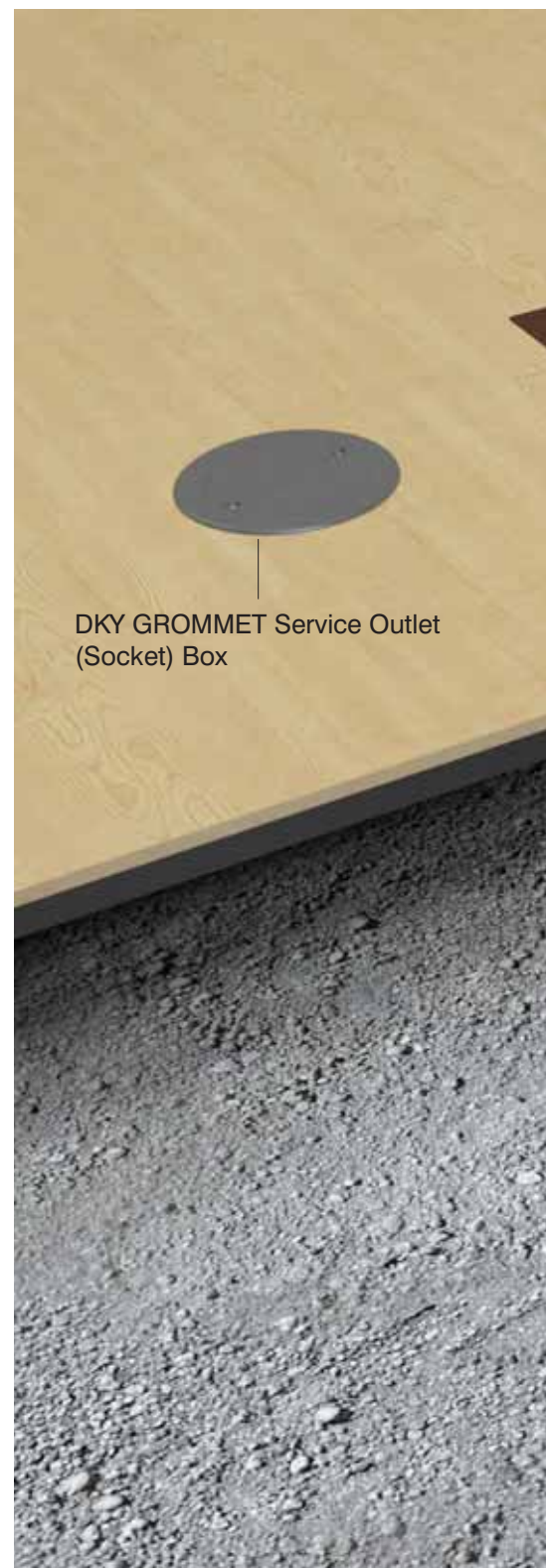
►► Raised Floor Distribution And Service Outlet (Socket) Boxes

General Introduction and Specifications / Accessories

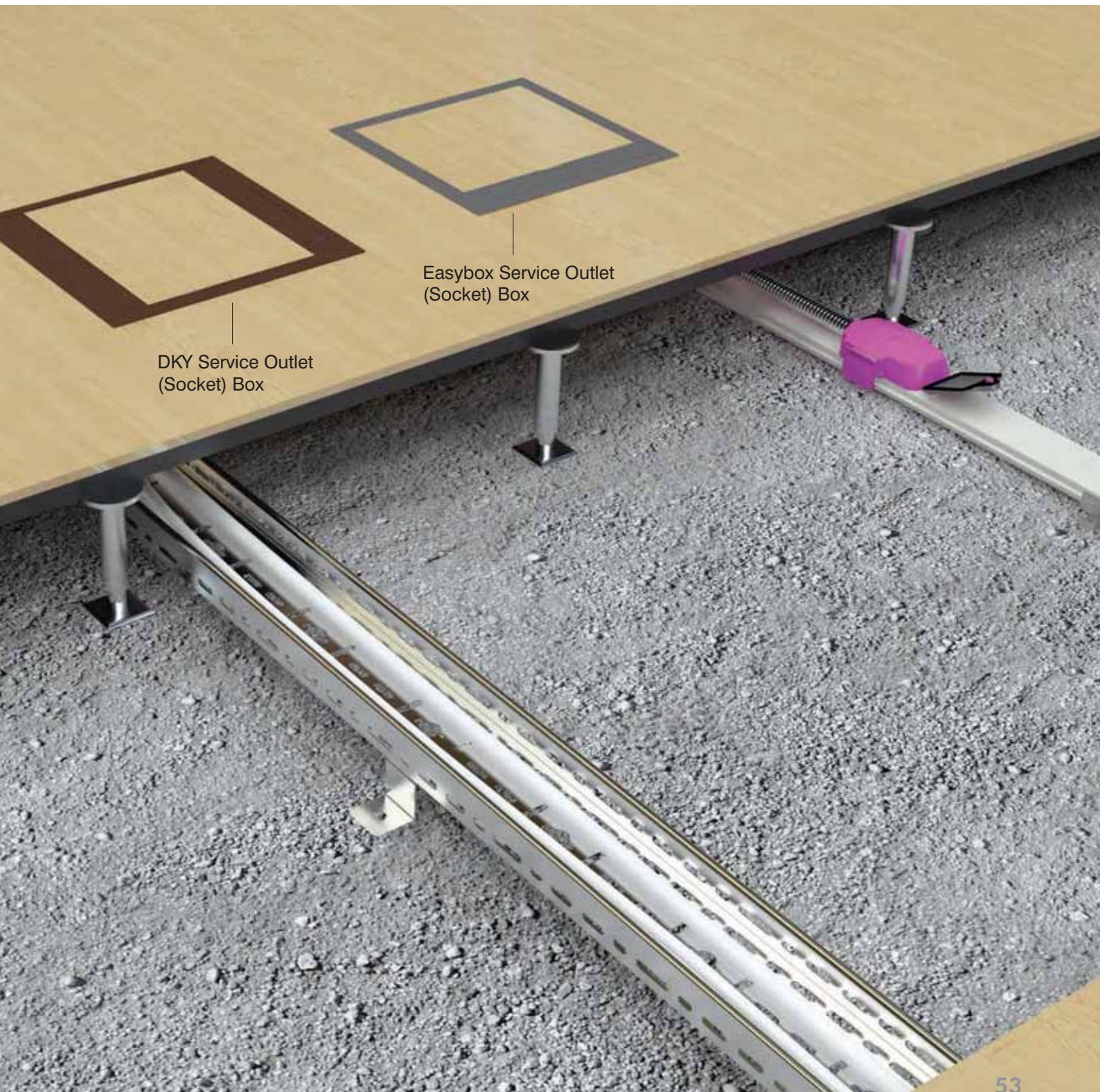
DKY Raised floor distribution and service outlet (socket) boxes;

With its height and size options the DKY offers a solution for different needs.

- For raised floors; three (3) different options with a reinforced plastic lid and plastic or sheet steel body.
- With the height adjustment mechanism it can be used in floors with a thickness of minimum 25mm and maximum 60mm.
- Different socket capacities are available from 3 modules to 24 modules.
- There are 3 different colour options as grey, brown and black.
- Protected cable output windows and ergonomic cover opening handles are available.
- Its cover structure is suitable for two-way usage.
- A wide range of socket and accessory options in modular structure are available.



DKY GROMMET Service Outlet (Socket) Box



DKY Service Outlet
(Socket) Box

Easybox Service Outlet
(Socket) Box

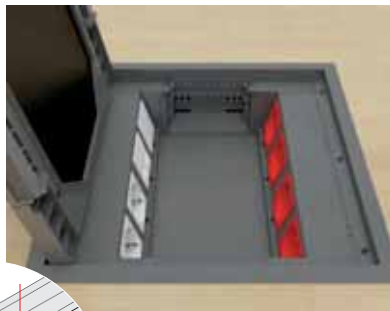
E-LINEDK DKY

►► Service Outlet (Socket) Box

General Introduction and Specifications / Accessories

Plastic material is PC which has met 850°C glow wire test conditions according to IEC 60695 standard, and in V2 fire resistance class according to UL94 standard.

With the YKB-M Box; in raised floor coverings, 4 (four) different miniature circuit breakers (MCB) can be fitted by using an MCB case.

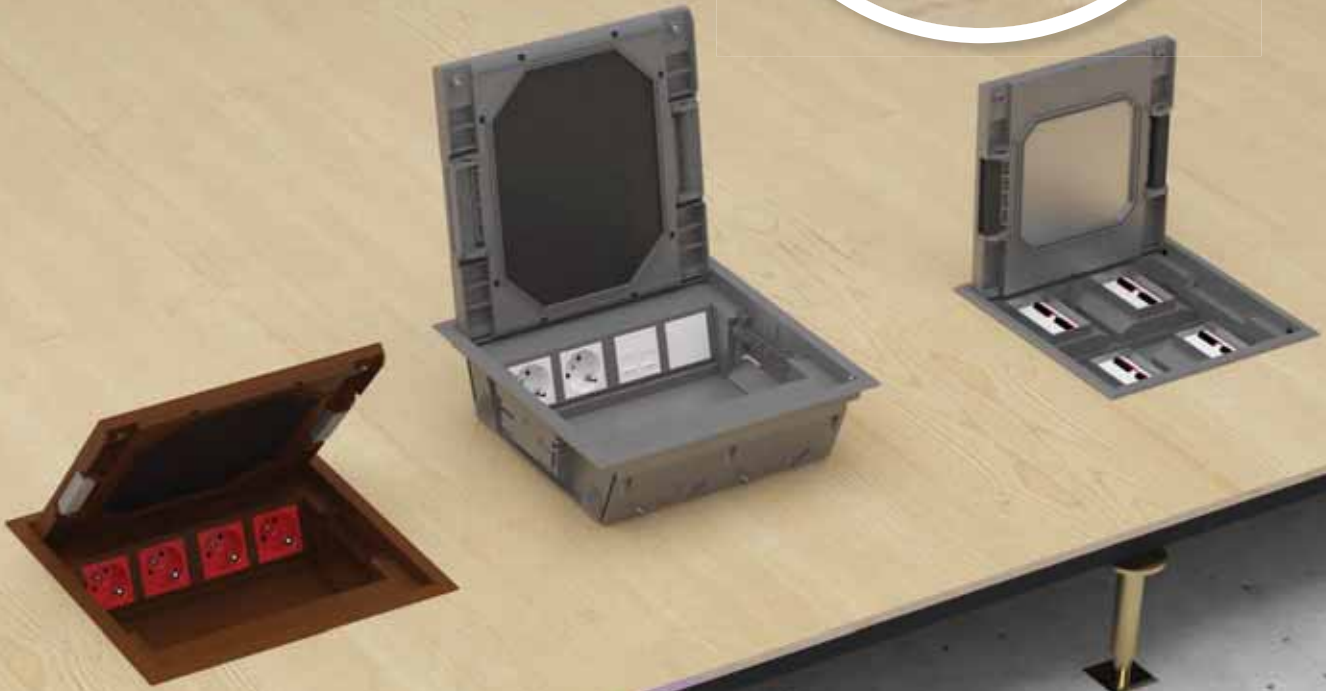


Cover Sheet
Thickness: 4mm

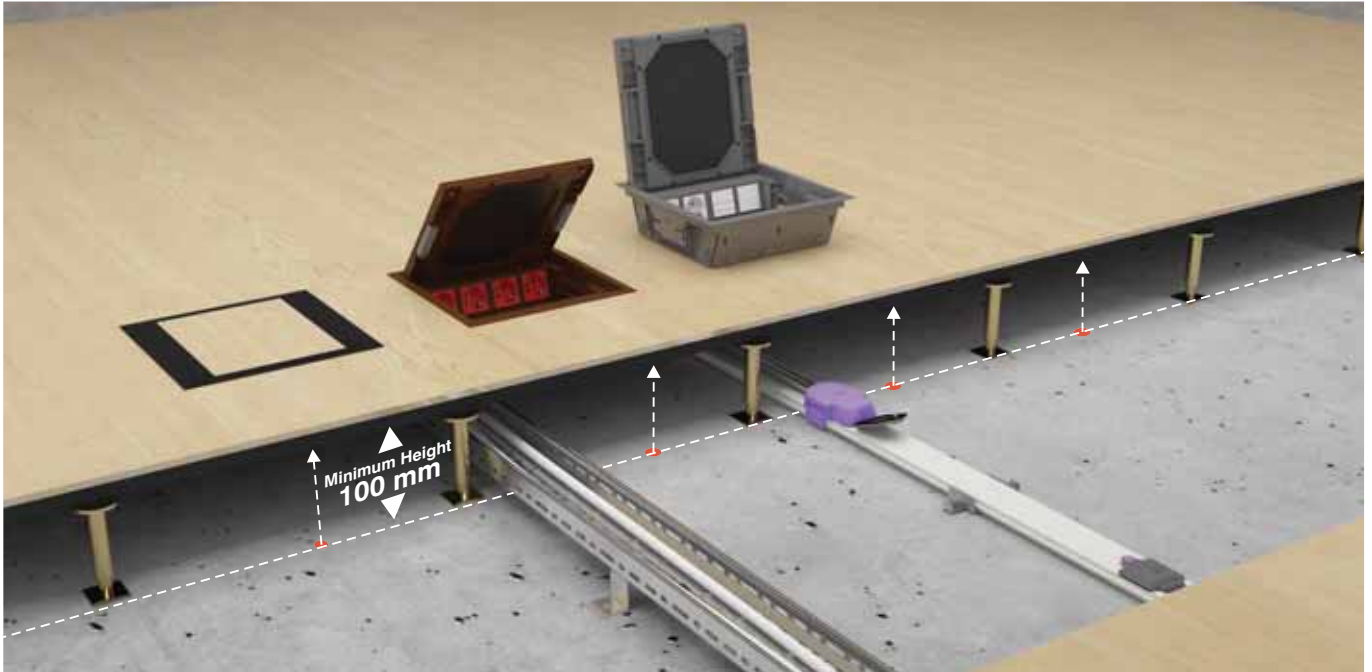


YKB-M MCB Case





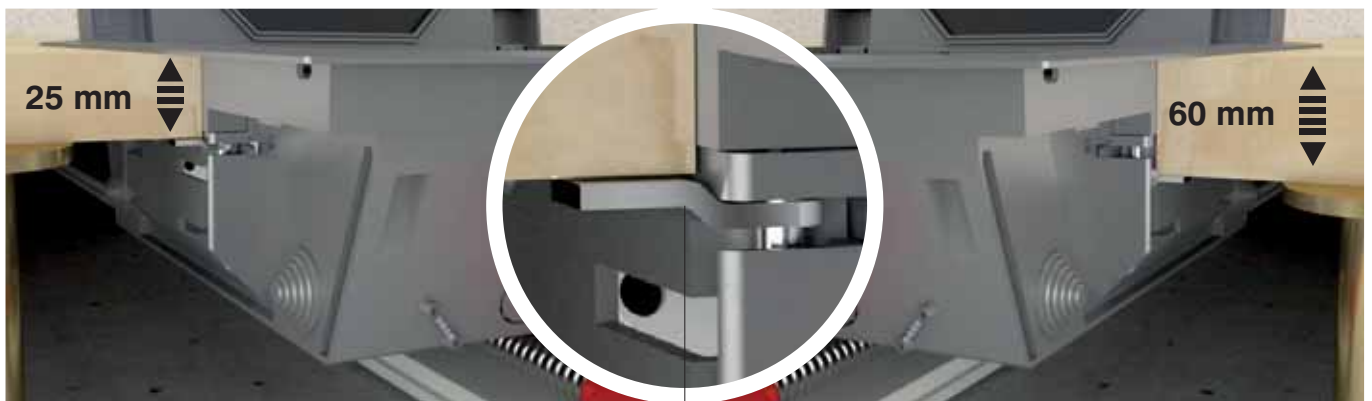
Raised Floor Covering Height



E-Line DKY Service Outlet (Socket) Box, with its 16 module capacity, can fulfil different needs. It offers an easy usage with its ergonomic internal design and double-sided cover design. DKY Service Outlet Box, with its flooring depth and different colour options, can be easily used in different decoration applications.

The distance between the concrete floor and the raised flooring system in which DKY junction box is used, should be minimum 100 mm.

Raised Floor Covering Mounting Application



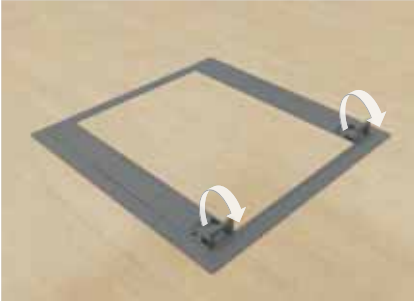
Minimum flooring thickness is 25 mm.

Mounting Adjustment Mechanism

Maximum flooring thickness is 60 mm.

DKY Service Outlet (Socket) Box

Ergonomic Cover Opening Handle



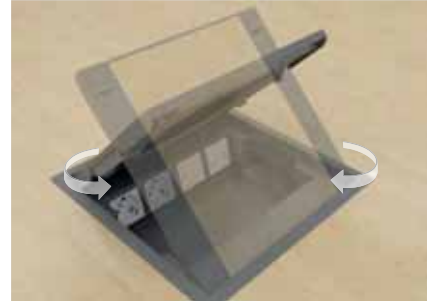
The handle ensures easy opening of the lid.

Shielded Output Windows



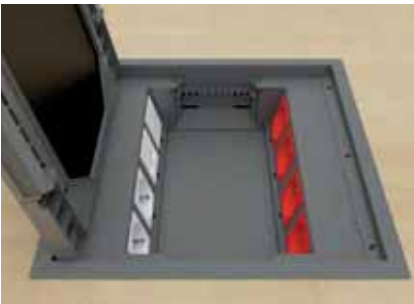
Cable output form with foam gasket protected allowing comfortable and safe output with multiple cables.

Bi Directional Lid Installation System



Bi directional lid installation (180°)

Ergonomic Design



Thanks to its ergonomic design different outlets can be achieved (16 for data or 8 for power)

DKY Service Outlet Box



Socket cases are given as mounted in the product.

Different Colour Options

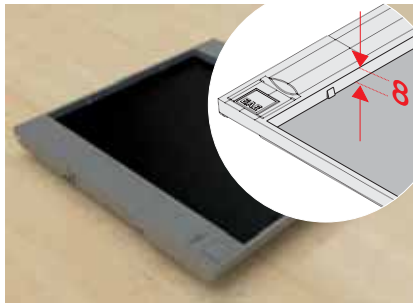


DKY Fixing Clips



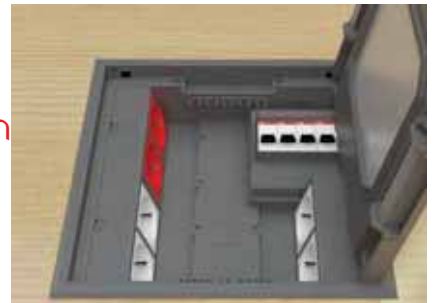
Cable fixing clips prevent cable tangle.

Inside Lid Height



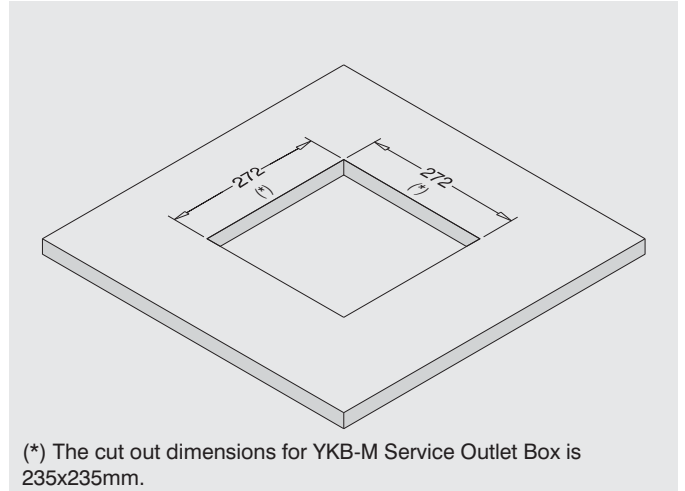
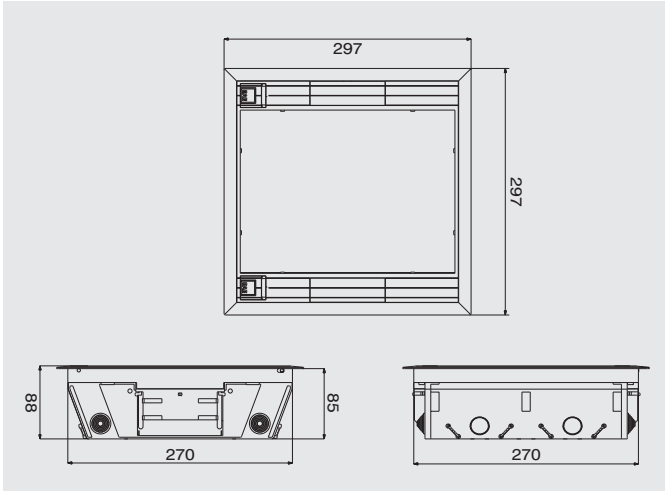
Inside cover height is 8 mm in maximum. The covering piece's thickness must comply with it. Cover sheet thickness is 4 mm.

YKB-M MCB Case Usage



For elevated flooring, MCB frame and 4 automatic fuse may be used. (1, 2, 3 or 4 poles)

Raised Floor Outlet Box Installation



Raised Floor Outlet Box Installation (mm)

Raised Floor Cut Out Dimensions (mm)

Accessories Mounting Application



Place the sockets to the socket plate.



Place the socket mounting plates.



Check the cable outlet orientation before placing the outlet box body into the raised floor slab.



Screw the fixing tabs.



Place the cover.



E-LINEDK GROMMET

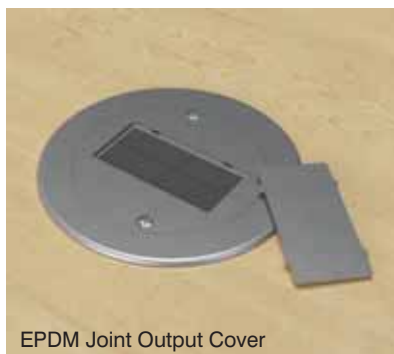
►► Service Outlet (Socket) Box

General Introduction and Specifications / Accessories

DKY Grommet Service Outlet (Socket) Box, with its 3 module output capacity, meets the needs. It offers an easy usage with its ergonomic internal design.

Plastic material is PA6 which has met 960°C glow wire test conditions, and in V2 fire resistance class according to UL94 standard.

DKY Grommet service outlet (socket) box, with its flooring depth and different colour options, can be easily used in different decoration applications. DKY GROMMET service outlet (socket) box offers 3 different cover alternatives.



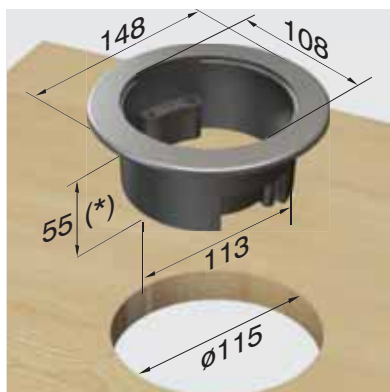
EPDM Joint Output Cover



Cable Output Cover



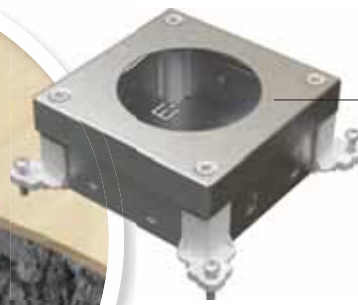
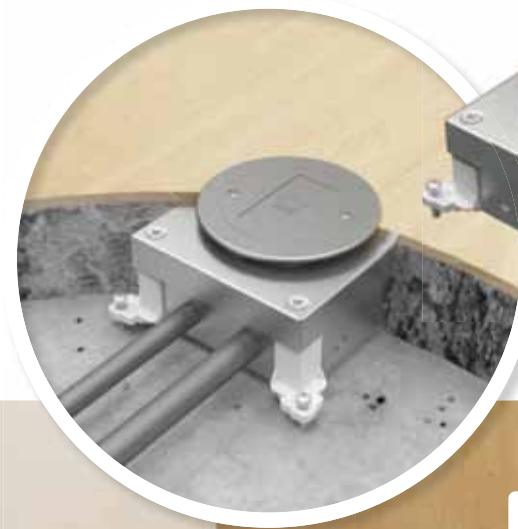
Blind Cover



NOTE: If required, a miniature circuit breaker (MCB) or residual current circuit breaker with overcurrent protection (DCDBO) may be connected.

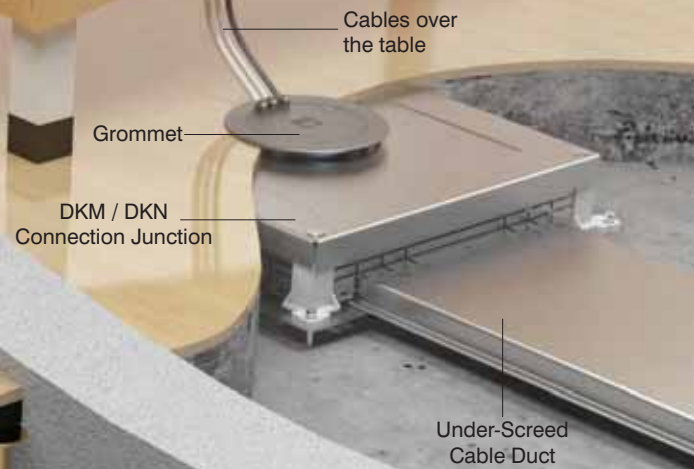
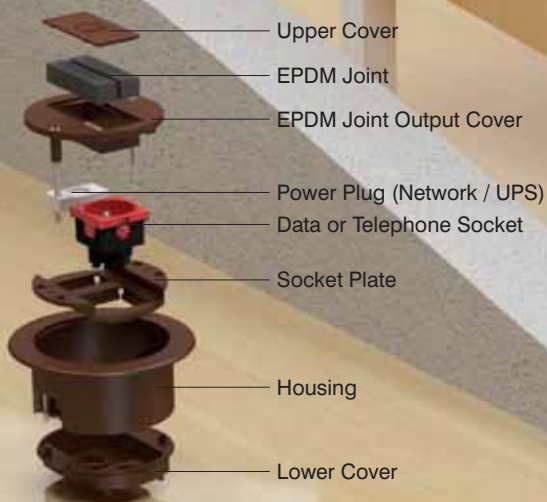
(*) The height is 85mm with bottom cover.



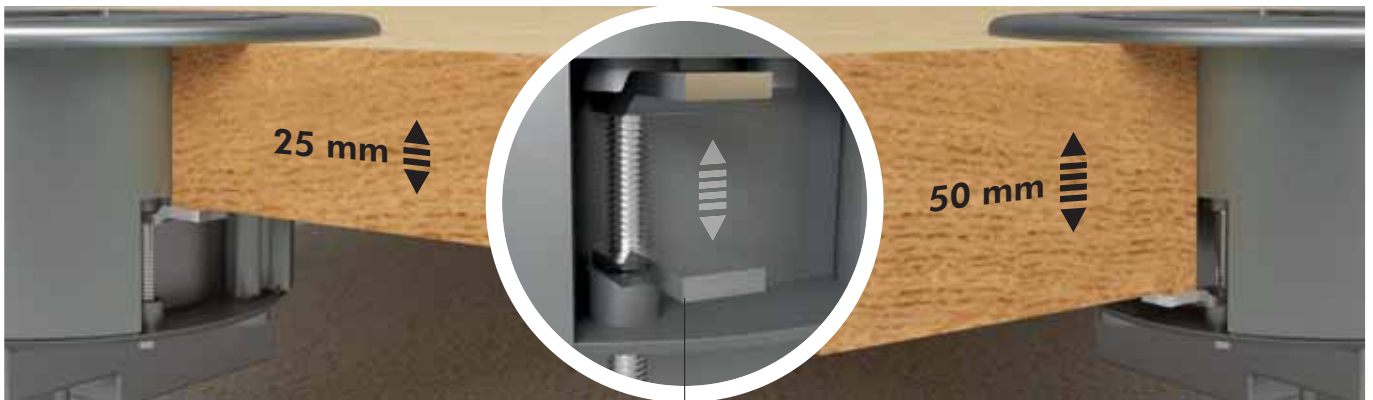


Under floor usage with DKY Grommet Output Junction...

GROMMET Output Junction may be used for DKM or DKN connection junction and cable output in underfloor application



Raised Floor Installation



Minimum flooring thickness is 25 mm.

Height Adjustment Mechanism

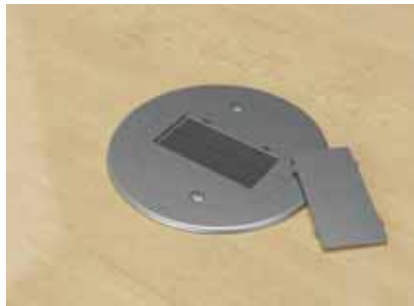
Maximum flooring thickness is 50 mm.

DKY Grommet Service Outlet Box Cover Models

Model 1

The EPDM gasket ensures an aesthetic and secure installation. Where the outlet is not in service a lid with a gasket can be used to provide a dummy lid.

Output Cover



Model 2

Thanks to specialised designs considering the cable sizes, safety of the grommet in use is assured.

Triple Cable Output Cover



Model 3

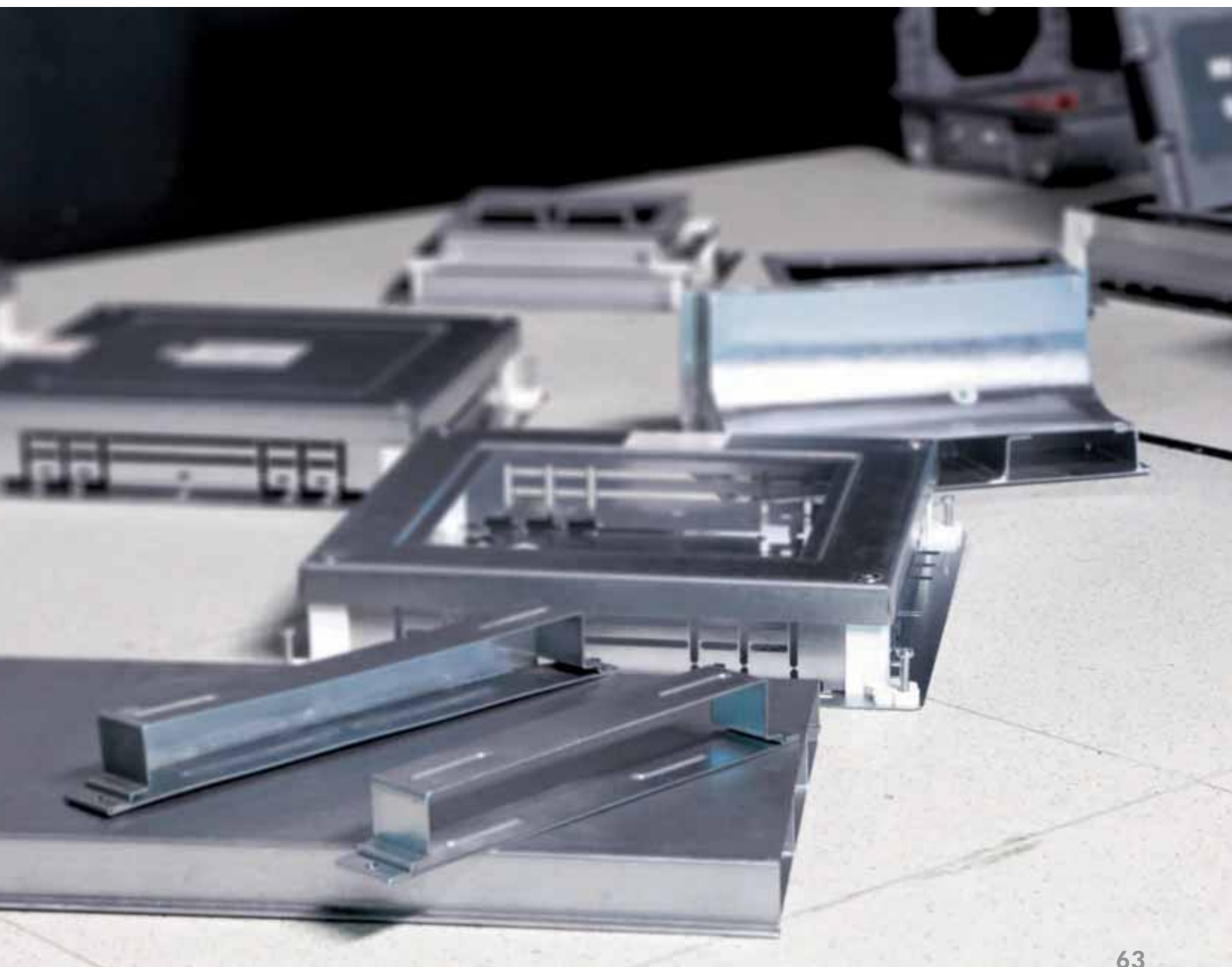
In cases where the grommet will not be put into service a dummy lid can be used.

Blind Cover

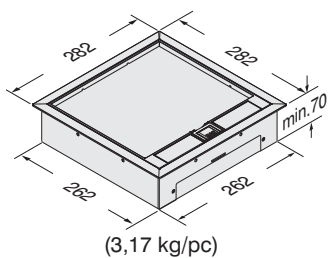


E-LINEDK

▶▶ **Product Technical Specifications and Order Tables**



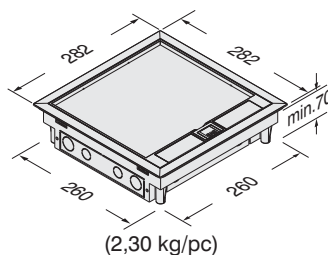
►► Easybox Junction and Service Outlet (Socket) Box / Pipe System Technical Specifications and Order Codes



E-Line Easybox (Sheet Steel Housing) Junction and Service Outlet (Socket) Box

Description	Order Code
E-Line Easybox Junction Box Set (Grey) (*)	3006342
E-Line Easybox Junction Box Set (Black) (*)	3006344
E-Line Easybox Junction Box Set (Brown) (*)	3006343

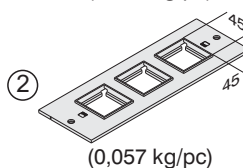
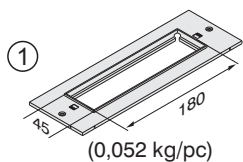
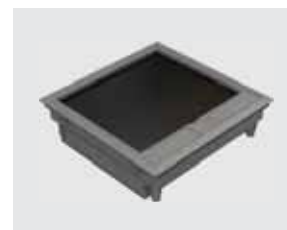
(*) According to your needs, order the socket connection plates separately.



E-Line Easybox (Plastic-Bodied) Junction and Service Outlet (Socket) Box

Description	Order Code
E-Line Easybox Junction Box Set (Grey) (*)	3083987
E-Line Easybox Junction Box Set (Black) (*)	3083988
E-Line Easybox Junction Box Set (Brown) (*)	3083989

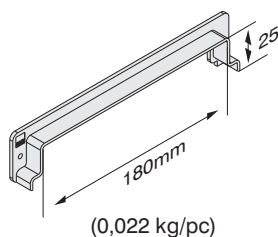
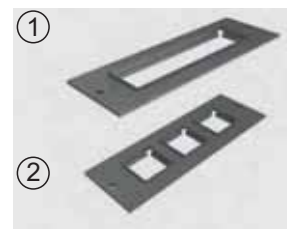
(*) According to your needs, order the socket connection plates separately.



Easybox Socket Connection Plates

Description	Order Code
Connection Plate (1) (*)	1003215
Connection Plate (2) (*)	1003216

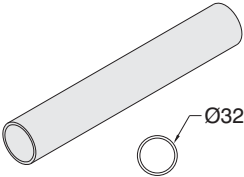
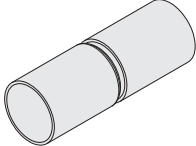
(*) Depending on socket mounting style, it should be ordered with the Easybox junction box set.



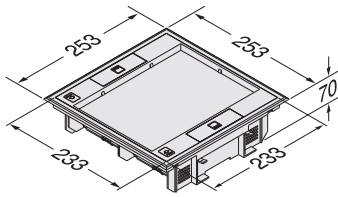
Easybox Duct Sleeve

Description	Order Code
Easybox Duct Sleeve (25x180)	1003217



Pipe System	Accessories Technical Specifications and Order Tables				
	Polyethylene Pipe				
	<table border="1"> <thead> <tr> <th>Description</th> <th>Order Code</th> </tr> </thead> <tbody> <tr> <td>Polyethylene Pipe (Ø32)</td> <td>1002608</td> </tr> </tbody> </table>	Description	Order Code	Polyethylene Pipe (Ø32)	1002608
Description	Order Code				
Polyethylene Pipe (Ø32)	1002608				
	Easybox Pipe Sleeve				
	<table border="1"> <thead> <tr> <th>Description</th> <th>Order Code</th> </tr> </thead> <tbody> <tr> <td>Easybox Pipe Sleeve (Ø32)</td> <td>1003219</td> </tr> </tbody> </table>	Description	Order Code	Easybox Pipe Sleeve (Ø32)	1003219
Description	Order Code				
Easybox Pipe Sleeve (Ø32)	1003219				
	Bracket 90°				
	<table border="1"> <thead> <tr> <th>Description</th> <th>Order Code</th> </tr> </thead> <tbody> <tr> <td>Bracket (Ø32)</td> <td>1002610</td> </tr> </tbody> </table>	Description	Order Code	Bracket (Ø32)	1002610
Description	Order Code				
Bracket (Ø32)	1002610				
	Pipe Joint				
	<table border="1"> <thead> <tr> <th>Description</th> <th>Order Code</th> </tr> </thead> <tbody> <tr> <td>Pipe Joint (Ø32)</td> <td>1002609</td> </tr> </tbody> </table>	Description	Order Code	Pipe Joint (Ø32)	1002609
Description	Order Code				
Pipe Joint (Ø32)	1002609				
	Pipe Crochet				
	<table border="1"> <thead> <tr> <th>Description</th> <th>Order Code</th> </tr> </thead> <tbody> <tr> <td>Pipe Crochet (Ø32)</td> <td>1002611</td> </tr> </tbody> </table>	Description	Order Code	Pipe Crochet (Ø32)	1002611
Description	Order Code				
Pipe Crochet (Ø32)	1002611				

DKM Service Outlet (Socket) Box



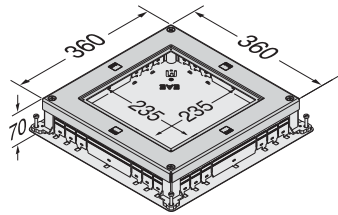
(1,3 kg/pc)

Description	Order Code
E-Line M Type Service Outlet Box (Grey) (*)	3000177
E-Line M Type Service Outlet Box (Brown) (*)	3000178
E-Line M Type Service Outlet Box (Black) (*)	3000179
YKB-M Type Service Outlet Box (Grey) (**)	3006347

(*) The socket cases that are necessary for horizontal type socket mounting, are included to the product.
(**) It is only composed of cover and frame.

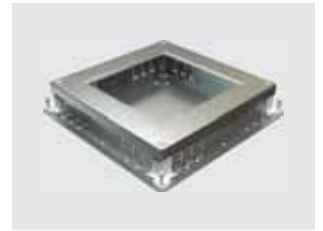


DKM-S1 360x360 Output Junction

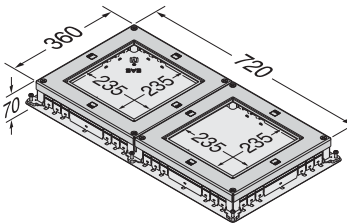


(3,4 kg/pc)

Description	Order Code
DKM-S1 Output Junction (360x360)	3000174



DKM-S2 360x720 Output Junction



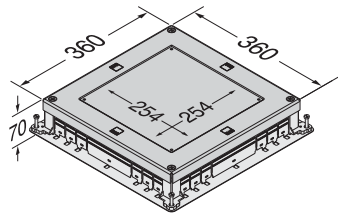
(6,32 kg/pc)

Description	Order Code
DKM-S1 Output Junction (360x720 mm)	3005962

Note: If the service outlet box will not be mounted, the DKM cover sheet should be 2 pieces ordered.



DKM-SK 360x360 Connection Junction

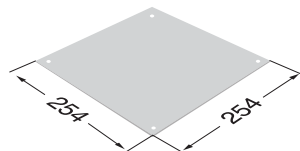


(4,22 kg/pc)

Description	Order Code
DKM-SK Connection Junction (360x360)	3000172



DKM Cover Sheet (254x254)

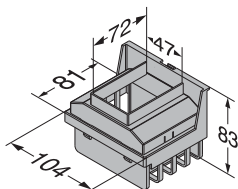


(0,998 kg/pc)

Description	Order Code
DKM Cover Sheet (254x254)	3005961



YKB-M MCB Case

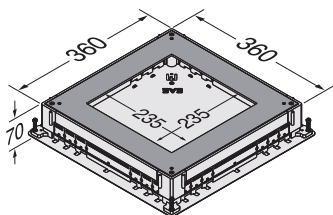


(0,820 kg/pc)

Description	Order Code
DKM Fuse Box	3082433

Note: They can only be used in YKB-M service outlet boxes.

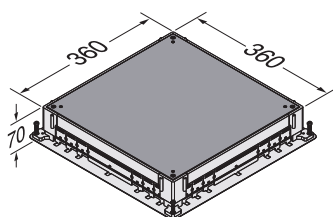
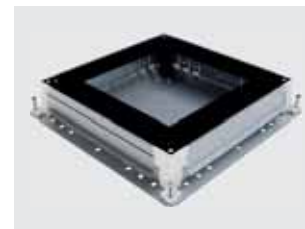




(4,21 kg/pc)

DKM-A1 360x360 Output Junction

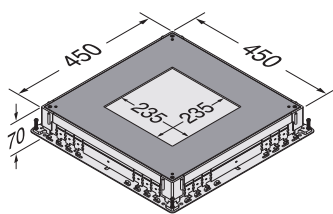
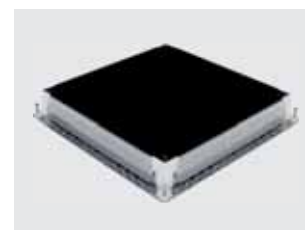
Description	Order Code
DKM-A1 Output Junction (360x360)	3000175



(4,64 kg/pc)

DKM/N-A1K 360x360 Connection Junction

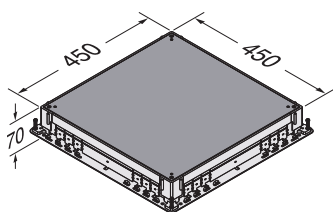
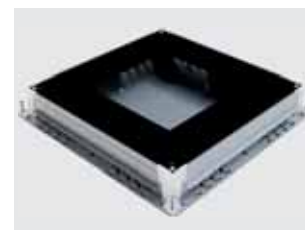
Description	Order Code
DKM/N-A1K Connection Junction (360x360)	3008165



(9,3 kg/pc)

DKM-A2 450x450 Output Junction

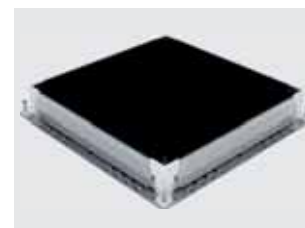
Description	Order Code
DKM-A2 Output Junction (450x450 mm)	3000176



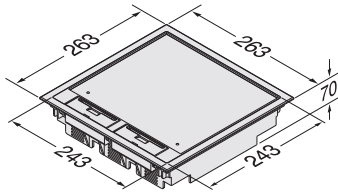
(11,2 kg/pc)

DKM/N-A2K 450x450 Connection Junction

Description	Order Code
DKM/N-A2K Connection Junction (450x450)	3008163



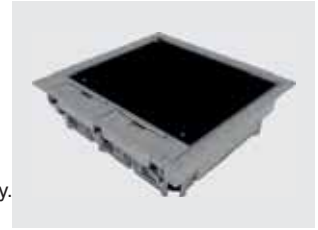
DKN Service Outlet (Socket) Box



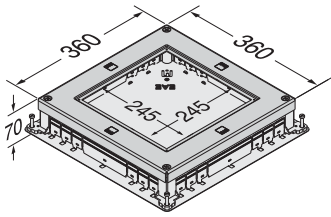
(1,86 kg/pc)

Description	Order Code
E-Line N Type Service Outlet Box (Grey) (*)	3008202
E-Line N Type Service Outlet Box (Brown) (*)	3008201
E-Line N Type Service Outlet Box (Black) (*)	3008203

(*) According to your needs, order the socket case and socket plates separately.

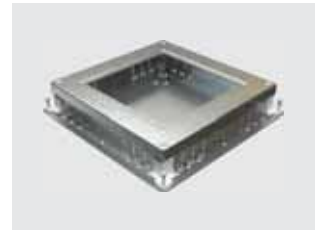


DKN-S1 360x360 Output Junction

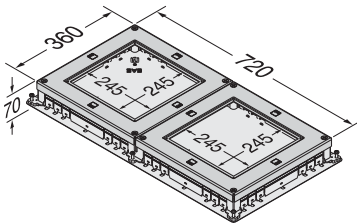


(3,33 kg/pc)

Description	Order Code
DKN-S1 Output Junction (360x360)	3008134



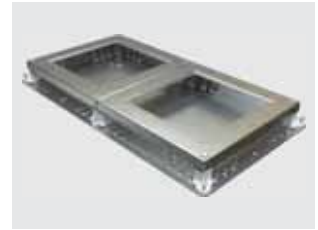
DKN-S2 360x720 Output Junction



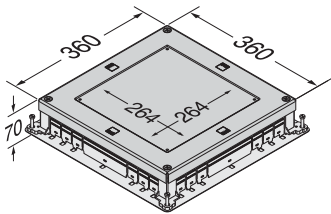
(6,42 kg/pc)

Description	Order Code
DKN-S2 Output Junction (360x720)	3000173

Note: If the service outlet box will not be mounted, the DKN cover sheet 2 pieces should be ordered.

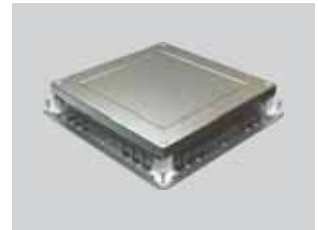


DKN-SK 360x360 Connection Junction

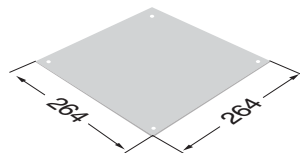


(4,45 kg/pc)

Description	Order Code
DKN-SK Connection Junction (360x360)	3024370



DKN Cover Sheet (264x264)

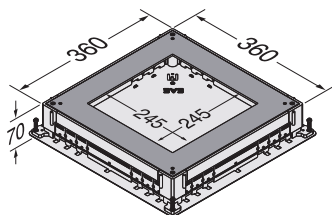


(1,05 kg/pc)

Description	Order Code
DKN Cover Sheet (264x264)	3008135

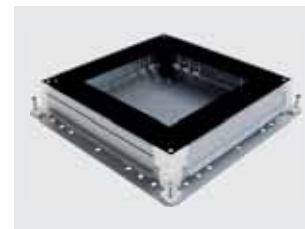


DKN-A1 360x360 Output Junction

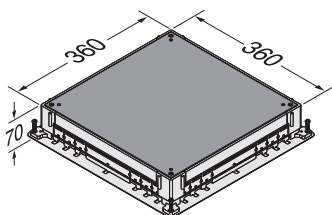


(4,39 kg/pc)

Description	Order Code
DKN-A1 Output Junction (360x360)	3008164

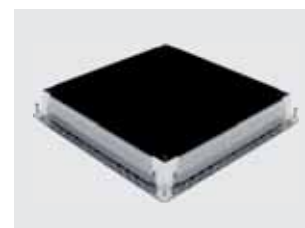


DKM/N-A1K 360x360 Connection Junction

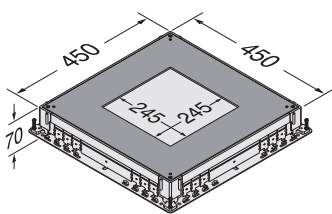


(4,64 kg/pc)

Description	Order Code
DKM/N-A1K Connection Junction (360x360)	3008165

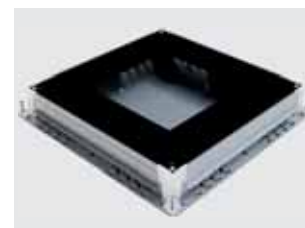


DKN-A2 450x450 Output Junction

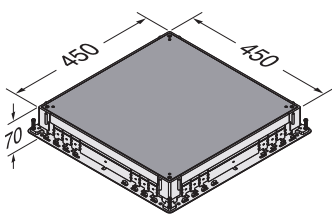


(9,06 kg/pc)

Description	Order Code
DKN-A2 Output Junction (450x450)	3008162



DKM/N-A2K 450x450 Connection Junction

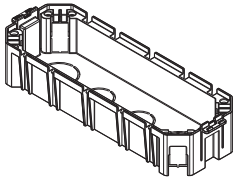


(11,2 kg/pc)

Description	Order Code
DKM/N-A2K Connection Junction (450x450)	3008163



Socket Case (Vertical)



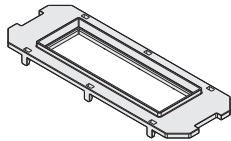
(0,085 kg/pc)

Description	Order Code
Socket Case (Vertical)	(*) 3135639



(*) In DKN Service Outlet (Socket) Box, for vertical socket mounting, order vertical socket case and socket plates.

Socket Plate (1)

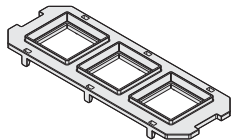


(0,028 kg/pc)

Description	Order Code
Socket Plate (1) 6 Modules	(*) 1020398



Socket Plate (2)

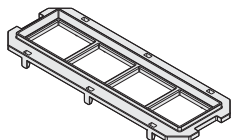


(0,031 kg/pc)

Description	Order Code
Socket Plate (2) 6 Modules	(*) 1020399



Socket Plate (3)

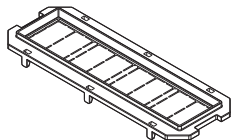


(0,030 kg/pc)

Description	Order Code
Socket Plate (3) 8 Modules	(*) 1020401



Socket Plate (4)



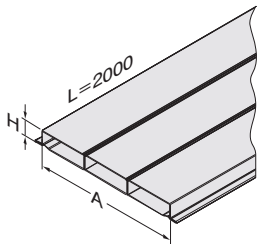
(0,028 kg/pc)

Description	Order Code
Socket Plate (4)	(*) 1020403



Note: Socket cases are included in DKM Service Outlet (Socket) Box and their usage type is "horizontal".
 "Vertical" type socket case and its socket plates can be ordered optionally.

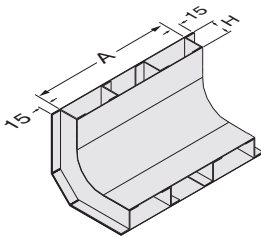
Under-Screed Cable Ducts



H (mm)	A (mm)	Weight (kg/m)	Order Code
35	300	5,380	3008408
35	240	4,630	3008409
35	180	3,880	3008410
35	120	2,600	3008411
25	300	5,000	3008412
25	240	4,250	3008413
25	180	3,500	3008414
25	120	2,360	3008415



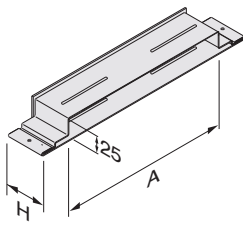
Duct Vertical Turn Elements



H (mm)	A (mm)	Weight (kg/pc)	Order Code
35	300	1,940	3008219
35	240	1,630	3008220
35	180	1,480	3008221
35	120	1,020	3008222
25	300	1,870	3008388
25	240	1,540	3008389
25	180	1,330	3008390
25	120	0,940	3008391



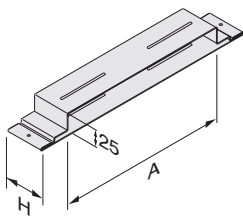
Duct Ending Elements



H (mm)	A (mm)	Weight (kg/pc)	Order Code
35	300	0,430	3008392
35	240	0,360	3008393
35	180	0,310	3008394
35	120	0,250	3008395
25	300	0,400	3008396
25	240	0,390	3008397
25	180	0,310	3008398
25	120	0,220	3008399



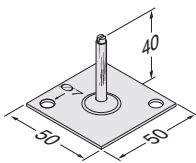
Duct Joint Elements



H (mm)	A (mm)	Weight (kg/pc)	Order Code
35	300	0,370	3008400
35	240	0,300	3008401
35	180	0,260	3008402
35	120	0,200	3008403
25	300	0,320	3008404
25	240	0,270	3008405
25	180	0,250	3008406
25	120	0,200	3008407



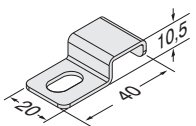
Duct Level Adjustment Element



Description	Weight (kg/pc)	Order Code
Duct Level Adjustment Element	0,034	1004333



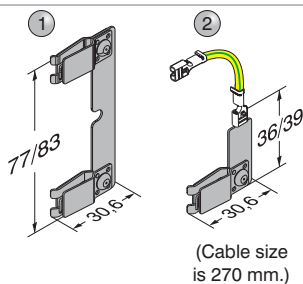
Cable Duct Fixing Element



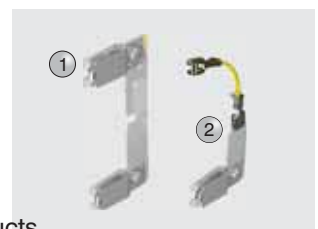
Description	Weight (kg/pc)	Order Code
Cable Duct Fixing Element	0,023	3136437



DK Earthing Contacts



Description	Order Code
① Duct Earthing Element	3082623
② Junction Box Earthing Element	3082624

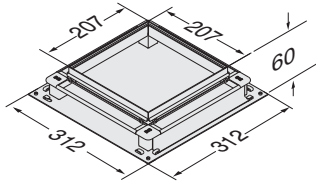


- ① It is used for the earthing connection of DK floor covering ducts.
- ② It is used for the earthing connection of DK floor covering duct and DK junction box set.

DKC Junction System

Accessories Technical Specifications and Order Tables

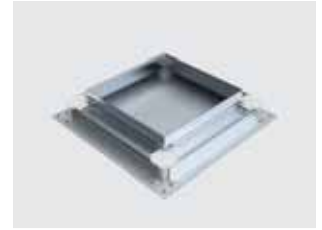
DKC Junction Box TYPE 1



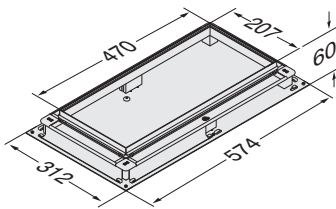
(1,8 kg/pc)

Description	Order Code
DKC Junction Box TYPE 1	3008435

(*) Height adjustment can be done only before screed application.



DKC Junction Box TYPE 2

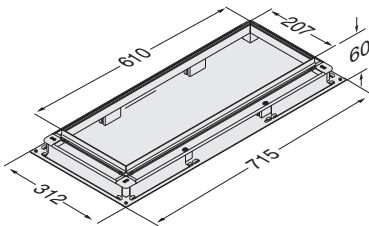


(2,85 kg/pc)

Description	Order Code
DKC Junction Box TYPE 2	3008434



DKC Junction Box TYPE 3

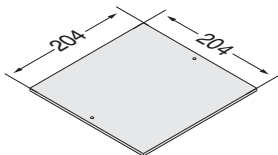


(3,54 kg/pc)

Description	Order Code
DKC Junction Box TYPE 3	3008433



DKC Sheet Cover Plate (1)

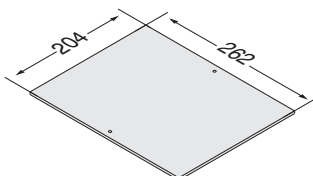


(1,32 kg/pc)

Description	Order Code
DKC Sheet Cover (204x204)	3008432

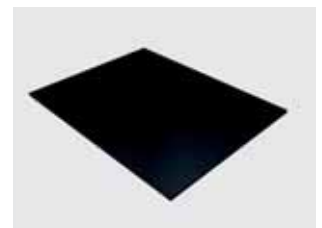


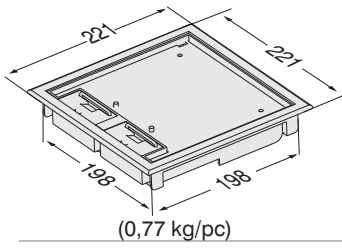
DKC Sheet Cover Plate (2)



(1,71 kg/pc)

Description	Order Code
DKC Sheet Cover (204x262)	3008431

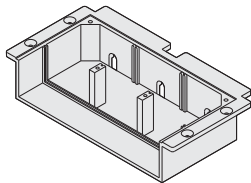




DKC Service Outlet Box Cover System

Description	Order Code
DKC Service Outlet Box (Grey)	3008430
DKC Service Outlet Box (Brown)	3008429
DKC Service Outlet Box (Black)	3008428

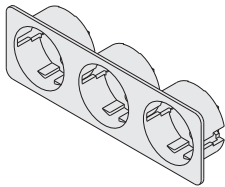
(*) With the service outlet box, all of the following should be ordered.



(0,097 kg/pc)

DKC Socket Case

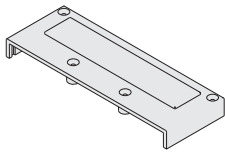
Description	Order Code
DKC Socket Case (*)	3008427



(0,043 kg/pc)

DKC Socket Housing

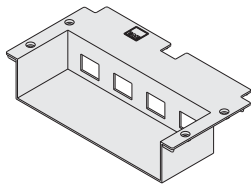
Description	Order Code
DKC Socket Housing (*)	1004338



(0,038 kg/pc)

DKC Socket Case Cover

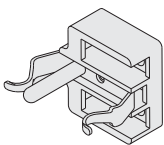
Description	Order Code
DKC Socket Case Cover (*)	3008426



(0,047 kg/pc)

DKC Tel / Data Socket Case

Description	Order Code
DKC Tel / Data Socket Case (*)	3008425

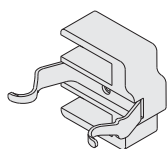


(0,031 kg/pc)

DKC UPS Socket

Description	Order Code
DKC UPS Socket (*)	1004335

■ EAE special manufacture



(0,027 kg/pc)

DKC Power Socket

Description	Order Code
DKC Power Socket (*)	1004336

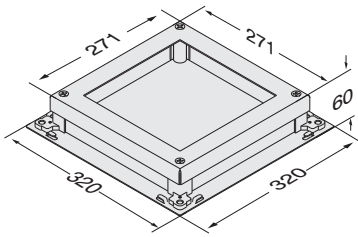
■ EAE special manufacture



DK S/H/Z/Z-V

DKS / DKH / DKZ / DKZ-V Junction Box Set Technical Specifications and Order Tables

DKS Output Junction



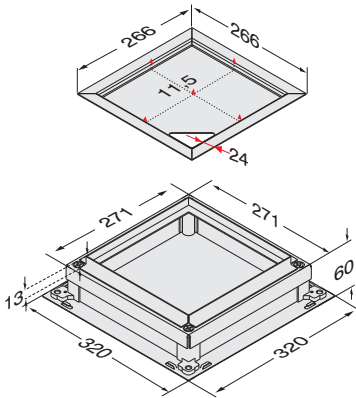
(2,400 kg/pc)

Description	Order Code
DKS Output Junction	3000009

(*) Height adjustment can be done before and after screed application.



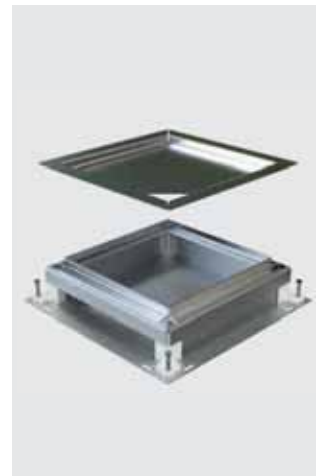
DKH Output Junction and Cover Set



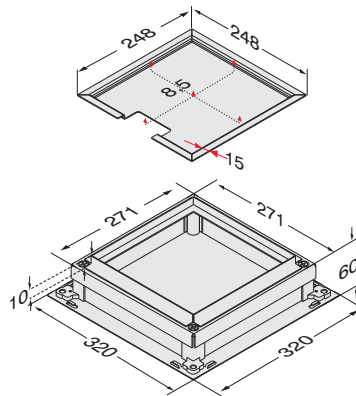
(3,460 kg/set)

Description	Order Code
DKH Output Junction and Cover Set	3006352

■ **The cover is produced as stainless.**



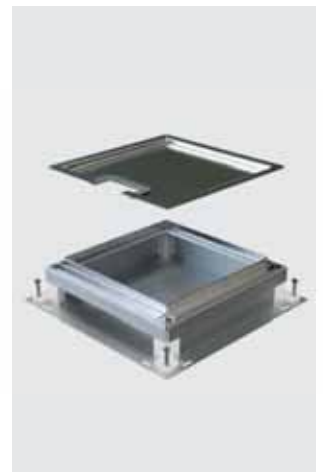
DKZ Output Junction and Cover Set



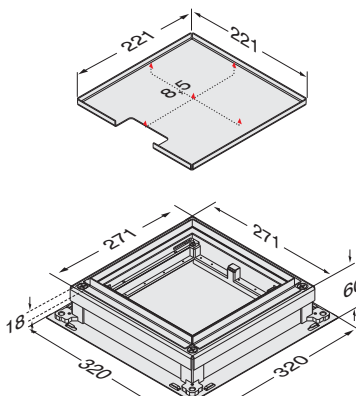
(3,390 kg/set)

Description	Order Code
DKZ Output Junction and Cover Set	3008436

■ **The cover is produced as stainless.**



DKZ-V Output Junction and Cover Set

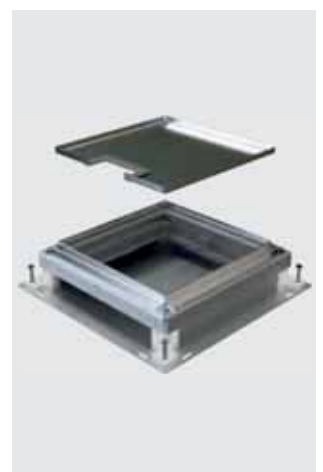


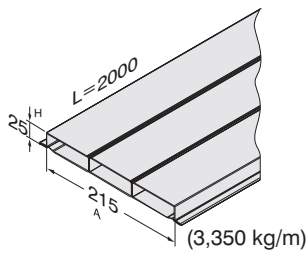
(3,400 kg/set)

Description	Order Code
DKZ-V Output Junction and Cover Set	(*) 3006340

(*) If requested, the case, housing, cover and sockets (network, UPS, data, tel) in the DKC Service Outlet (Socket) Box can also be used for this junction box.

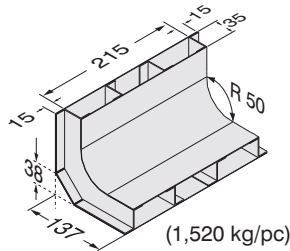
■ **The cover is produced as stainless.**





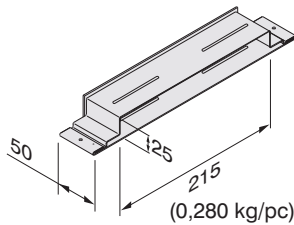
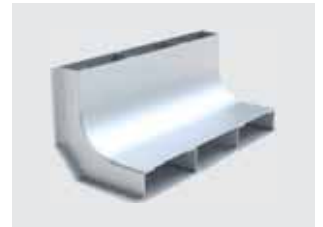
DKC Under-Screed Cable Duct

Description	Order Code
DKC Covering Duct (25x215)	3008440



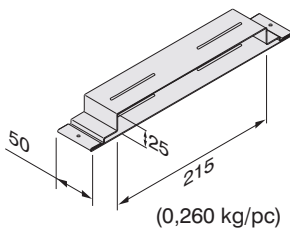
DKC Duct Vertical Turn Element

Description	Order Code
DKC Duct Vertical Turn Element	3008437



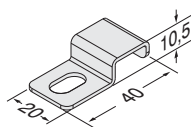
DKC Duct Ending Element

Description	Order Code
DKC Duct Ending Element	3008438



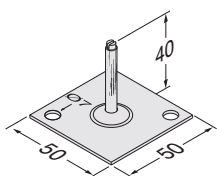
DKC Duct Joint Element

Description	Order Code
DKC Duct Joint Element	3008439



Cable Duct Fixing Element

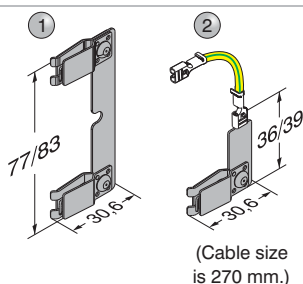
Description	Order Code
Cable Duct Fixing Element	3136437



DKC Duct Level Adjustment Element

Description	Order Code
DKC Duct Level Adjustment Element	1004333

NOTE: DKC under-screed cable duct and its accessories can be used for DKS, DKH, DKZ, and DKZ-V junctions box.



DK Earthing Contacts

Description	Order Code
① DK Duct Earthing Element	3082623
② DK Junction Box Earthing Element	3082624

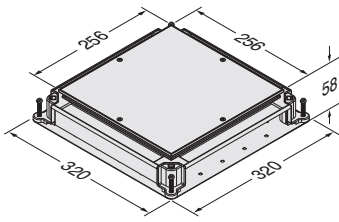


- ① It is used for the earthing connection of DK floor covering ducts.
- ② It is used for the earthing connection of DK floor covering duct and DK junction box set.

NOTE: DKC under-screed cable duct and its accessories can also be used for DKH, DKZ, and DKZ-V junction box.

DKA

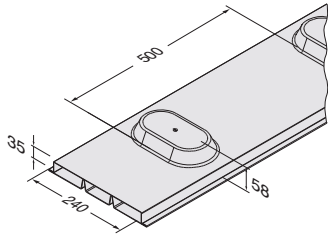
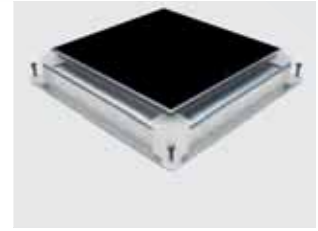
►►DKA Junction Box Set / Duct System Technical Specifications and Order Tables



(3,530 kg/pc)

DKA Junction Box

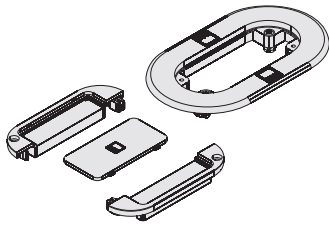
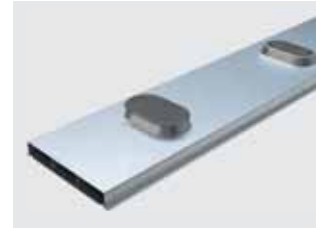
Description	Order Code
DKA Junction Box	3008421



(5,170 kg/m)

DKA Covering Duct

Description	Order Code
DKA Covering Duct (35x240)	3008422



(0,082 kg/pc)

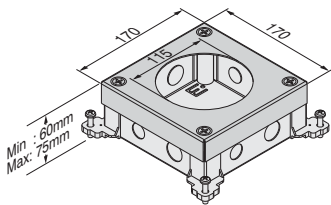
DKA Duct Cable Output Covers

Description	Order Code
DKA Duct Output Cover (Grey)	3000182
DKA Duct Output Cover (Brown)	3000180
DKA Duct Output Cover (Black)	3000181



DKY

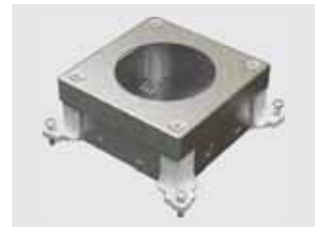
►►DKY Grommet Junction Box Set Specifications and Order Tables

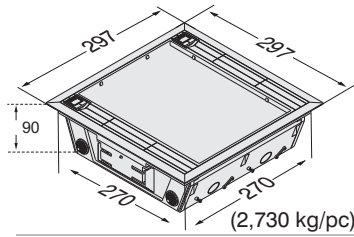


(0,95 kg/pc)

DKY Grommet 170x170 Output Junction

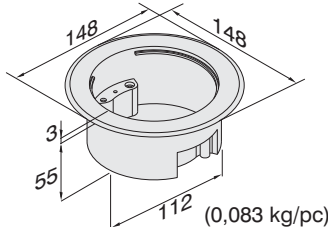
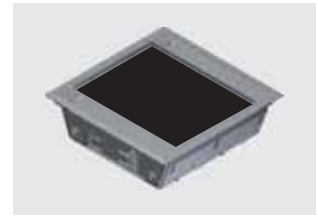
Açıklama	Sip. Kod
DKY Grommet Output Junction (170x170)	3122081





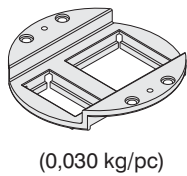
DKY Service Outlet Box

Description	Order Code
Raised Covering Service Outlet Box (Grey)	3007923
Raised Covering Service Outlet Box (Brown)	3007925
Raised Covering Service Outlet Box (Black)	3007924



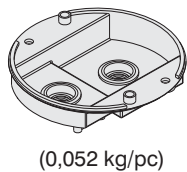
DKY Grommet Body

Description	Order Code
DKY Grommet Housing (Grey)	3007357
DKY Grommet Housing (Brown)	3007355
DKY Grommet Housing (Black)	3007356



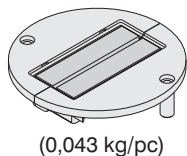
DKY Grommet Socket Plate

Description	Order Code
DKY Grommet Socket Plate (Grey)	3007345
DKY Grommet Socket Plate (Brown)	3007343
DKY Grommet Socket Plate (Black)	3007344



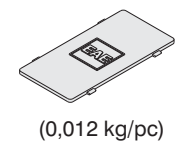
DKY Grommet Lower Cover

Description	Order Code
DKY Grommet Lower Cover (Grey)	3007339
DKY Grommet Lower Cover (Brown)	3007337
DKY Grommet Lower Cover (Black)	3007338



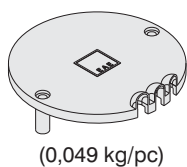
DKY Grommet EPDM Joint Output Covers

Description	Order Code
DKY Grommet EPDM Joint Output Covers (Grey)	3007354
DKY Grommet EPDM Joint Output Covers (Brown)	3007352
DKY Grommet EPDM Joint Output Covers (Black)	3007353



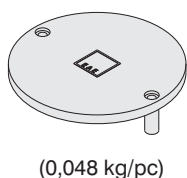
DKY Grommet Covers

Description	Order Code
DKY Grommet Cover (Grey)	3007342
DKY Grommet Cover (Brown)	3007340
DKY Grommet Cover (Black)	3007341



DKA Grommet Blind Cable Output Covers

Description	Order Code
DKA Grommet Blind Cable Output Cover (Grey)	3007348
DKA Grommet Blind Cable Output Cover (Brown)	3007346
DKA Grommet Blind Cable Output Cover (Black)	3007347



DKA Grommet Blind Cover

Description	Order Code
DKA Grommet Blind Cover (Grey)	3007351
DKA Grommet Blind Cover (Brown)	3007349
DKA Grommet Blind Cover (Black)	3007350



Note: DKY Grommet can be produced as DIN railed, mounting MCB instead of Socket Plate and Lower Cover. In that case, please contact our firm.

Power Socket (1)

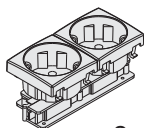


1

Description	Order Code
Power Socket (1) - (230 V / 16 A)	1004270



Power Socket (2)

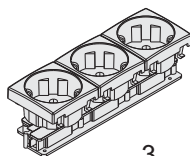


2

Description	Order Code
Power Socket (2) - (230 V / 16 A) (*)	1004272



Power Socket (3)

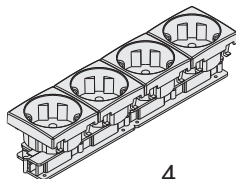


3

Description	Order Code
Power Socket (3) - (230 V / 16 A) (*)	1003482



Power Socket (4)



4

Description	Order Code
Power Socket (4) - (230 V / 16 A) (*)	1004243



UPS Socket (1)

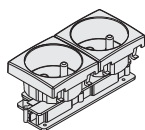


1

Description	Order Code
UPS Socket (1) - (230 V / 16 A)	1004271



UPS Socket (2)

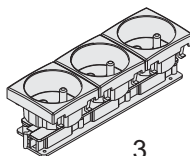


2

Description	Order Code
UPS Socket (2) - (230 V / 16 A) (*)	1004273



UPS Socket (3)

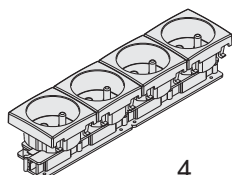


3

Description	Order Code
UPS Socket (3) - (230 V / 16 A) (*)	1003483



UPS Socket (4)

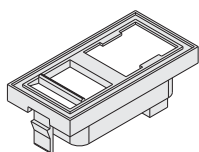


4

Description	Order Code
UPS Socket (4) - (230 V / 16 A) (*)	1004242



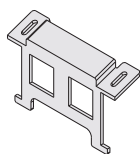
The products that are marked with (*) can be used with socket case and appropriate socket plates.



Telephone / Data Cover

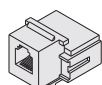
Description	Order Code
Telephone / Data Cover	1004186

Telephone / Data cover is compatible with the "Keystone Jack" standard.



Telephone / Data Steep Table

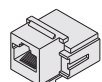
Description	Order Code
Telephone / Data Steep Table	3008228



Telephone Socket

Description	Order Code
Telephone Socket	1004337

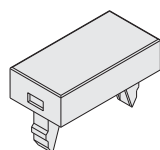
Telephone Socket is given as CAT3 RJ11 "Keystone Jack"



Data Socket

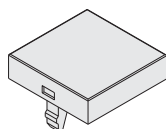
Description	Order Code
Data Socket	1004334

Data Socket is given as CAT6 UTP RJ45 "Keystone Jack"



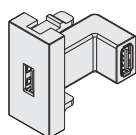
Single Cover Plate

Description	Order Code
Single Cover Plate	1004246



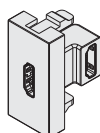
Double Cover Plate

Description	Order Code
Double Cover Plate	1002612



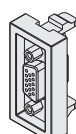
USB Adapter

Description	Order Code
USB 3.0 Adapter, 22,5x45 mm, Female-Female, 90° angled, with screw, White and Black	1016318



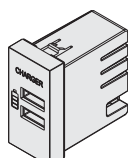
HDMI Adapter

Description	Order Code
HDMI Adapter, 22,5x45 mm, Female-Female, 90° angled, with screw, White and Black	1016317



VGA Adapter

Description	Order Code
VGA Adapter, 22,5x45 mm, Female-Female, 90° angled, with screw, White and Black	1016319



USB Charge Adapter

Description	Order Code
USB Charge Adapter 2 Ports, Entry 100-240 VAC, 50-60 Hz, Output 5 VDC – 2100mA, White/Black	1016316



■ Standard product colour is **white** and alternative black colour option shall be specified in the order.

**UNDER SCREED CABLE DUCTS, JUNCTIONS
AND SERVICE OUTLET (SOCKET) BOXES
GENERAL PRODUCT SPECIFICATIONS**

1- SCOPE:

This part comprises certain relevant details regarding the production of other pieces used in electrical wiring designs such as under-screed cable duct, junction box, bend, joint pieces, under-screed junction box, pedestal, socket box, case etc.

2- STANDARDS:

In the scope of this specification, the product, production, mounting and tests of Under-Screed Cable Ducts and Junction Boxes, are carried out pursuant to the latest versions of following standards.

STANDARD NO	STANDARD NAME
TS EN 50085-2-2 EN 50085-2-2	For equipped cable duct systems and cable duct systems - electrical wirings, see part 2-2: Equipped cable duct systems and cable duct systems that are designed for under-floor, embedded or on-the-floor mountings.

3- TECHNICAL SPECIFICATIONS

3.1-Under-Screed Cable Duct:

Under-Screed Cable Duct system will be used where the screed and covering are sufficiently high. It is composed of 3 (three) units being under-screed cable duct, covering junction and service outlet (socket) boxes, and it is supposed to remain completely under the floor covering.

Under-Screed Cable duct, for power, data and other connection lines, is produced in 2 (two) different height being 25mm and 35 mm, in 5 (five) different width being 120, 180, 215, 240 and 300 mm. Those with a width of 120 mm have 2 (two) sections whereas others have 3. Ducts are composed of two pieces being the lower housing and the upper cover.

Lower housing separating walls, the process of mounting the upper cover to the lower housing in a click-fit way, is made by the "roll-form" machine. Because of its corrosive features no welding or spot welding operation is made.

Under-Screed Cable Ducts are produced in 2000mm standard size. Special duct joint elements are used for duct tail-pieces. There are special corner turn elements where ducts need to turn upwards or downwards; special ending elements at duct endpoints. They are produced in conformity with under-screed cable duct principles.

Bearings with level adjustment are used for different height adjustments in under-screed cable ducts.

Pursuant to the "electrical continuity" article (article 11.1) of the IEC 50085 standard, it has a sufficient conductivity; again as mentioned in Note 1 of the same article, it can be used as an equipotential connection and/or protective conductor. For this purpose, the "electrical impedance" tests indicated in the article 11.1.2 of the same article, have been made and the values of the standard have been obtained.

As-per EN 50085-2-2 standard "electrical continuity" article, duct and junction box grounding elements are produced and used.

3.2-Under-Screed Connection and Output Junctions:

For easily drawing the cables in lines where under-screed cable duct changes direction or in long lines; "connection junctions", for service outlet (socket) boxes mounting where network (power), UPS socket, data or telephone socket output is needed; "output junctions", are produced in different structure, specification and sizes to meet the needs.

Perforated covering sheet exists on all four sides of connection and output junctions which are produced of pre-galvanized sheet in 2 mm of thickness and in a special form. The covering sheets are designed to comply with under-screed cable duct mounting in different sizes. At the same time, it prevents the entrance of foreign substances such as mortar, plaster etc. into the junction box.

For the heavy work type junction boxes there are produced with an aluminium housing and special corner wedges for heavy loaded areas, the upper cover sheet has a thickness of 4 mm.

On under screed junction boxes there is a protective cover made of transparent plastic material for avoiding the entrance of screed and foreign substances into the junction box during screeding operation. After the mounting and screeding operation is done, this protective cover can be demounted after cutting and the junction box can be closed by the output cover.

In lower bases of under screed junction boxes and on corner elements, there are adjuster screws that enable adjusting of before screed of after screed system in desired height. They operate with the standard nut mounted into the corner piece.

All the sheet pieces used in under screed junction boxes are produced as galvanized.

Under-Screed junction boxes are tested and certified by a laboratory that is accredited in the scope of EN 50085-2-2 standard.

3.3-Service Outlet (Socket) Boxes:

In under-screed cable duct systems, the service outlet (socket) boxes that are used for power (network + UPS), data and telephone outputs and placed into the under screed output junction, have a structure to meet different need capacities and to take 24 module socket in maximum.

The direction of service outlet (socket) boxes cover can be changed as 180°. It is supported by a sheet in an appropriate thickness in order to increase cover resistance. Housing and plastic pieces used in service outlet (socket) boxes for under-screed and/or raised covering applications, are produced of PC, PC/ABS and PA6 plastic raw materials which meet at least 850 °C "glow wire" test conditions according to IEC 60695 standard and which are at least of "V2" fire resistance class according to UL94 standard.

Under-Screed service outlet (socket) boxes are tested and certified by a laboratory that is accredited in the scope of EN 50085-2-2 standard.



TEST CERTIFICATE

Issued to: EAE Elektrik Asansör Endustrisi Insaat San. ve Tic. A.S.
Akçaburgaz Mahallesi 3114
Sokak No: 10
34510 Esenyurt / Istanbul
Turkey

For the product: Cable trunking and cable ducting systems intended for mounting underfloor, flushfloor or onfloor.

Trade name: EAE

Type/Model: E-Line DK...

Ratings: See for the product information the annex of this DEKRA Test Certificate.

Manufactured by: EAE Elektrik Asansör Endustrisi Insaat San. ve Tic. A.S.
Akçaburgaz Mahallesi 3114
Sokak No: 10
34510 Esenyurt / Istanbul
Turkey

Requirements: EN 50085-1:2005/A1:1998
EN 50085-2-2:2008
BS EN 50085-1:2005/A1:1998
BS EN 50085-2-2:2008

Remarks: The products meet the requirements.

This Test Certificate is valid till 9 March 2020 and expires upon withdrawal of one of the above mentioned standards or after changing the construction, materials or production method.

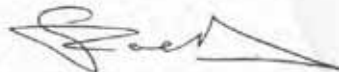
This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no 2198073.51.

The examination has been carried out on one single specimen of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

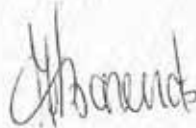
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drs. G.J. Zoetbrood
Managing Director



H.R.M. Barends
Certification Manager

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**СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р
ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ**



СЕРТИФИКАТ СООТВЕТСТВИЯ

№ РОСС TR.AB28.H19046

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ПРОДУКЦИЯ Ящики для низковольтных комплектных устройств, неэлектрические.
Серийный выпуск.

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ГОСТ 8594-80

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ПРОДУКЦИЯ Низковольтные комплектные устройства: напольные соединительные кабельные коробки, серии: «D-line», «DK», «DKD», «DKB», «DKE», «DKC», «E-line», «DKY», «DKN», «DKM», «DKK», «DKN-2», «DKM-2».
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CE DECLARATION OF CONFORMITY

Product Line E-Line DK Underfloor Busbar Cable Distribution Systems

Manufacturer EAE Elektrik Asansor End. Insaat San. ve Tic. A.S.
Akcaburgaz Mahallesi, 3114. Sokak,
No:10 34510 Esenyurt-Istanbul

The objects of the declaration described below is in conformity with the relevant Union harmonisation legislation.
This declaration of conformity is issued under the sole responsibility of the manufacturer.

Standard:**EN 50085-1 / EN 50085-2-2**

See Part 1: general specifications for equipped cable duct systems and cable duct systems - electrical wirings

CE - Directive

2014/35/EU "The Low Voltage Directive"

Technical Document Preparation Official:

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Emre GÜRLEYEN

Date

08.03.2021

Document Authorized Signatory

Elif Gamze KAYA OK
Deputy General Manager



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