

Screed-flush trunking systems

tehalit.BKB
electraplan.BK

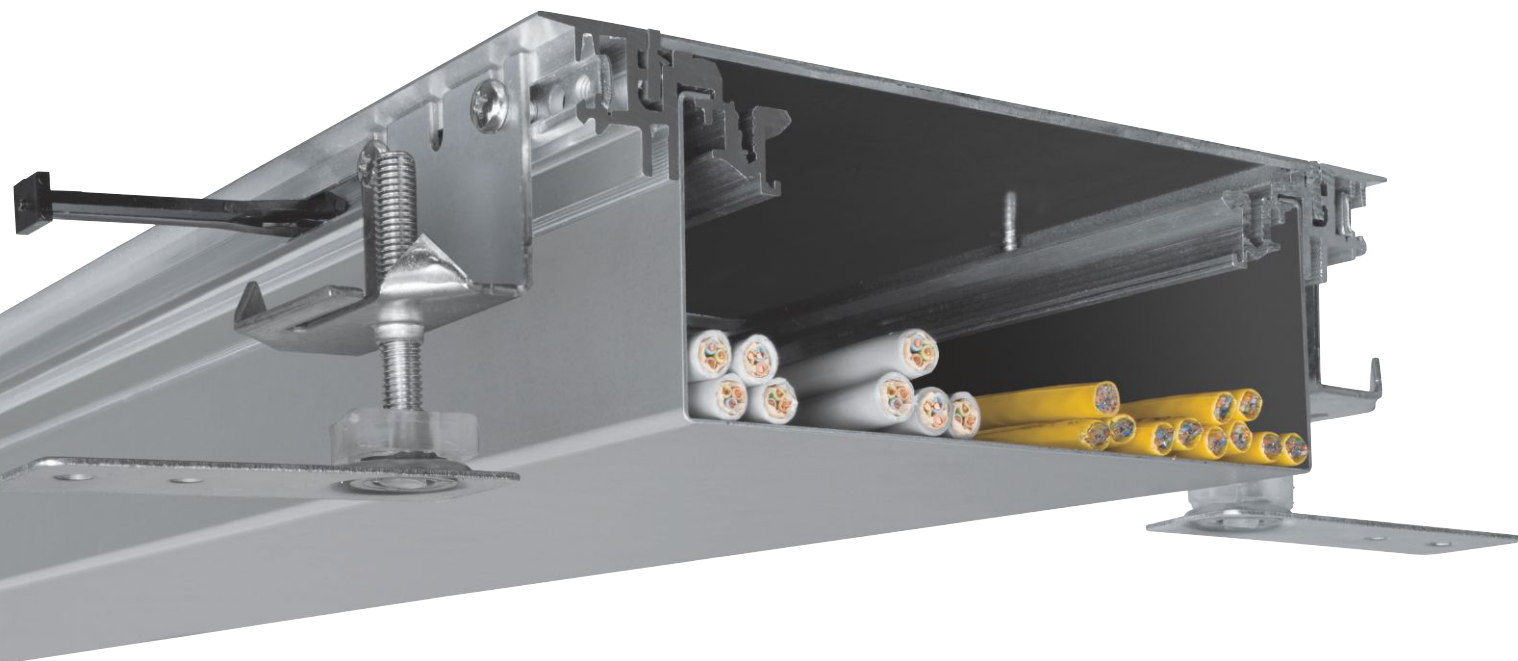
tehalit.BKB | electraplan.BK

tehalit.BKB: Perfectly integrated

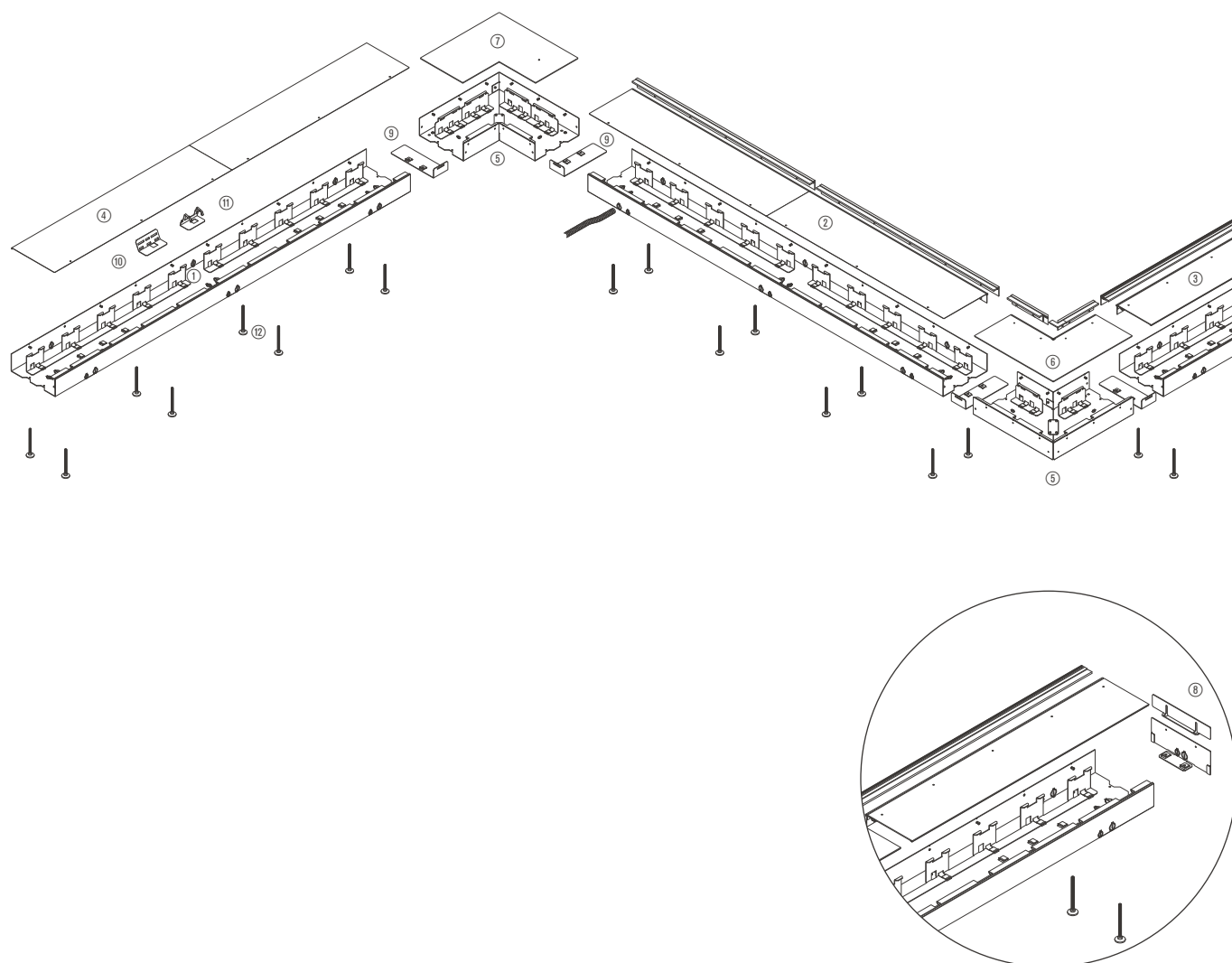
With the screed-flush trunking system tehalit.BKB, energy, data and communication connections can be flexibly provided anywhere they are needed – even in rooms with glass walls or large window surface. The system could not be simpler: Thanks to the range of specially shaped elements in the tehalit.BKB system, concealed lines can be routed to any corner of the room.

electraplan.BK: Flat & wide

Thanks to the very compact height of the electraplan.BK system, it is also suitable for very shallow screed depths from 30 mm without and from 45 mm with footfall sound insulation. With a large trunking width of up to 600 mm, the system offers plenty of space to house large volumes of cables and lines. Particularly practical: Even after installation, the trunking covers can be opened at any time, and thanks to the flexible foil casing it is no problem at all to cross over e.g. heating pipes. Particularly practical: Even after installation, the trunking covers can be opened at any time, and thanks to the flexible foil casing it is no problem at all to cross over e.g. heating pipes. Alternatively we also have trunking with separate bottoms that ensure a clean and tidy installation, protecting lines against dust and dirt.



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tehalit.BKB

- ① Trunking lower part
- ② Upper part with brush
- ③ Upper part with brush for LED
- ④ Upper part closed
- ⑤ Low-angled bracket for bottom part
- ⑥ Low-angled bracket, outer, for upper part with brush
- ⑦ Low-angled bracket for upper part closed
- ⑧ End plate
- ⑨ Coupling set
- ⑩ Device carrier for trunking sockets
- ⑪ Device carrier for data systems technology
- ⑫ Set screws

- Screed-flush trunking for dry-cleaned floors in accordance with DIN EN 50085
- Installation of devices with device carriers
- Ease of access thanks to removable upper part and cable outlet on the wall side (outlet brush)
- Minimum screed height 96 mm
- Upper part can be covered with all types of floor coverings (parquet flooring, carpets, tiles or laminate) (5 - 25 mm)
- Levelling of the trunking via internally accessible set screws
- Withstands point loads of up to 150 kg
- Minimum recommendation: 4 set screws and 4 fastening screws per running metre (not included in the delivery package)
- Straightforward retrofitting for energy and data
- Important: Installation of edge insulation strips between trunking and screed
- Observe the earthing requirements

Available brush colours
Black

Material
Galvanised sheet metal

Standard length
2000 mm
Lower part 2000 mm
Upper part 2 x 1000 mm

Form of delivery
Trunking comprising upper and lower part

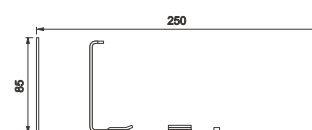
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BKB250851

BKB trunking lower part

Dimensions (W x H): 250 x 85 mm
Length: 2000 mm
Including assembly cover and 6 drilling screws for fastening
Set screws not included in delivery package



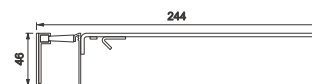
Designation	PU	Order no.
Lower part of balustrade floor trunking BKB25085	2	BKB250851



BKB250852B

BKB upper part with brush

Supplied length: 2 x 1000 mm
Available brush colours: Black



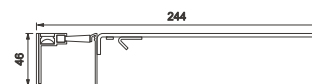
Designation	PU	Order no.
Upper part with brush for BKB25085	2	BKB250852B



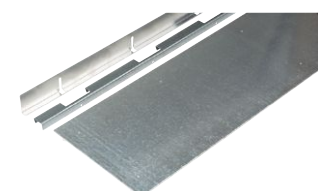
BKB250852BLED

BKB upper part with brush for LED

Supplied length: 2 x 1000 mm
Available brush colours: Black
Transparent range for LED chain installation



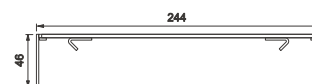
Designation	PU	Order no.
Upper part with brush and LED for BKB25085	2	BKB250852BLED



BKB250852G

BKB upper part closed

Supplied length: 2 x 1000 mm
For installation away from the wall



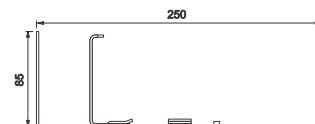
Designation	PU	Order no.
Upper part closed for BKB25085	2	BKB250852G



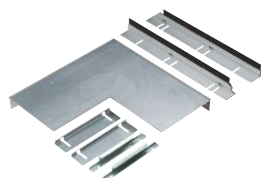
BKB2508551

BKB low-angled bracket for bottom part

Lower part for low-angled bracket, inner and outer
Dimensions (W x H) 250 x 85 mm
Including assembly cover and 7 drilling screws for fastening
Set screws not included in delivery package



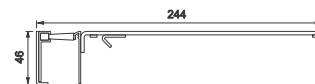
Designation	PU	Order no.
Low-angled bracket for lower part, inner/outer for BKB25085	1	BKB2508551



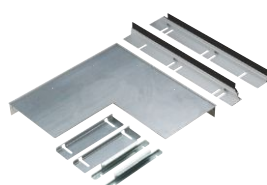
BKB2508554B

BKB low-angled bracket, inner, for upper part with brush

Available brush colours:
Black



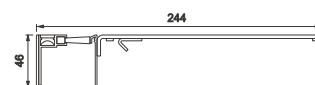
Designation	PU	Order no.
Low-angled bracket, upper part, brush/inner for BKB25085	1	BKB2508554B



BKB2508554BLED

BKB low-angled bracket, inner, for upper part with brush and LED

Available brush colours: Black
Transparent range for LED chain installation



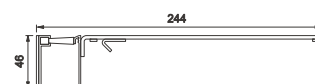
Designation	PU	Order no.
Low-angled bracket, upper part, brush/LED/inner for BKB25085	1	BKB2508554BLED



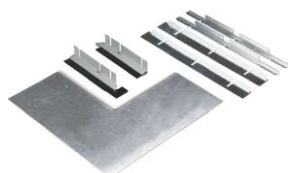
BKB2508553B

BKB low-angled bracket, outer, for upper part with brush

Available brush colours: Black



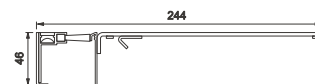
Designation	PU	Order no.
Low-angled bracket, upper part, brush/outer for BKB25085	1	BKB2508553B



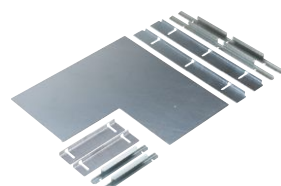
BKB2508553BLED

BKB low-angled bracket, outer, for upper part with brush and LED

Available brush colours: Black
Transparent range for LED chain installation



Designation	PU	Order no.
Low-angled bracket, upper part, brush/LED/outer for BKB25085	1	BKB2508553BLED



BKB2508554G

BKB low-angled bracket, upper part closed

Upper part for low-angled bracket, inner and outer
For installation away from the wall



Designation	PU	Order no.
Low-angled bracket, upper part closed, for BKB25085	1	BKB2508554G



BKB250858T

BKB T-piece adapter, galvanised sheet metal

Includes 2 countersunk screws and 6 drilling screws

Designation	PU	Order no.
T-piece adapter for BKB25085 galv. sh. metal	1	BKB250858T



BKB250856

BKB end plate, galvanised sheet metal

Includes 2 countersunk screws

Designation	PU	Order no.
End plate for BKB250856 galv. sh. metal	1	BKB250856



BKB250857

BKB coupling set, galvanised sheet metal

Connector, electrical and mechanical for BKB25085 lower parts
Includes 4 countersunk screws

Designation	PU	Order no.
Coupling set for BKB250857 galv. sh. metal	1	BKB250857



BKBGTR910

BKB device carrier for trunking sockets (C-profile), galvanised sheet metal

Device carrier for fastening of trunking sockets (C-profile device installation)

Designation	PU	Order no.
Device carrier for trunking socket for BKB	1	BKBGTR910



BKBGTR911

BKB device carrier for DNT devices, galvanised sheet metal

Device carrier for fastening of data network technology devices

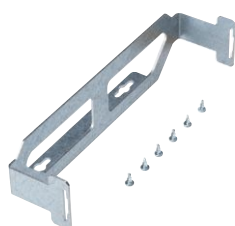
Designation	PU	Order no.
Device carrier data/communication for BKB	1	BKBGTR911



BKBGTR922

BKB device carrier for 2-way electraplan device casing, galvanised sheet metal

Designation	PU	Order no.
Device carrier electraplan 2-way for BKB	1	BKBGTR922



BKBGTR923

BKB device carrier for 3-way electraplan device casing, galvanised sheet metal

Designation	PU	Order no.
Device carrier electraplan 3-way for BKB	1	BKBGTR923



BKBNS60

Levelling set 60

8 set screws:
- 96 - 145 mm
The indicated height range corresponds to the height of the screed.

Designation	PU	Order no.
Levelling set 96-145 mm for BKB	1	BKBNS60



BKBNS120

Levelling set 120

8 set screws:
- 145 - 210 mm
The indicated height range corresponds to the height of the screed.

Designation	PU	Order no.
Levelling set 145-210 mm for BKB	1	BKBNS120



BKBNSD60

Levelling set 60 with insulation

8 set screws with insulation for height adjustment:
- 96 - 145 mm
The indicated height range corresponds to the height of the screed.

Designation	PU	Order no.
Levelling set 96-145 mm w insulation for BKB	1	BKBNSD60



BKBNSD120

Levelling set 120 with insulation

8 set screws with insulation for height adjustment:
- 145 - 210 mm
The indicated height range corresponds to the height of the screed.

Designation	PU	Order no.
Levelling set 145-210 mm w insulation for BKB	1	BKBNSD120



L4187CHRO

Earth conductor clamp

For base terminals up to a cross section of 10 mm²

Designation	PU	Order no.
Earth conductor clamp, chrome-plated	10	L4187CHRO



L4181

Earthing conductor

Pluggable, cross-section 4 mm², for electrical connection of the base profile and upper parts as well as for bypassing moulded parts

Designation	PU	Order no.
Earthing conductor, L = 150 mm, push-on contact	100	L4181GNGE
Earthing conductor, L = 300 mm, push-on contact	100	L4182GNGE
Earthing conductor, L = 600 mm, push-on contact	25	L4183GNGE



BS90SET

2-component silicone fire protection foam S90

Cable insulation

For installation in walls and floors for fire resistance classification S90 in accordance with DIN4102.

Building inspectorate approval: Approval no.: Z19.15-1256

Installation instructions and the certificate of technical approval from the relevant building inspectorate can be downloaded from www.hager.de/downloads.

Further data and requirements calculation table can be found in the technical attachments.

Designation	PU	Order no.
Fire protection foam set	1	BS90SET
Fire protection foam can	1	BS90D
Shaped part	1	BS90F
3 adapter spray tubes	1	BS90S
Valve tongs	1	BS90Z

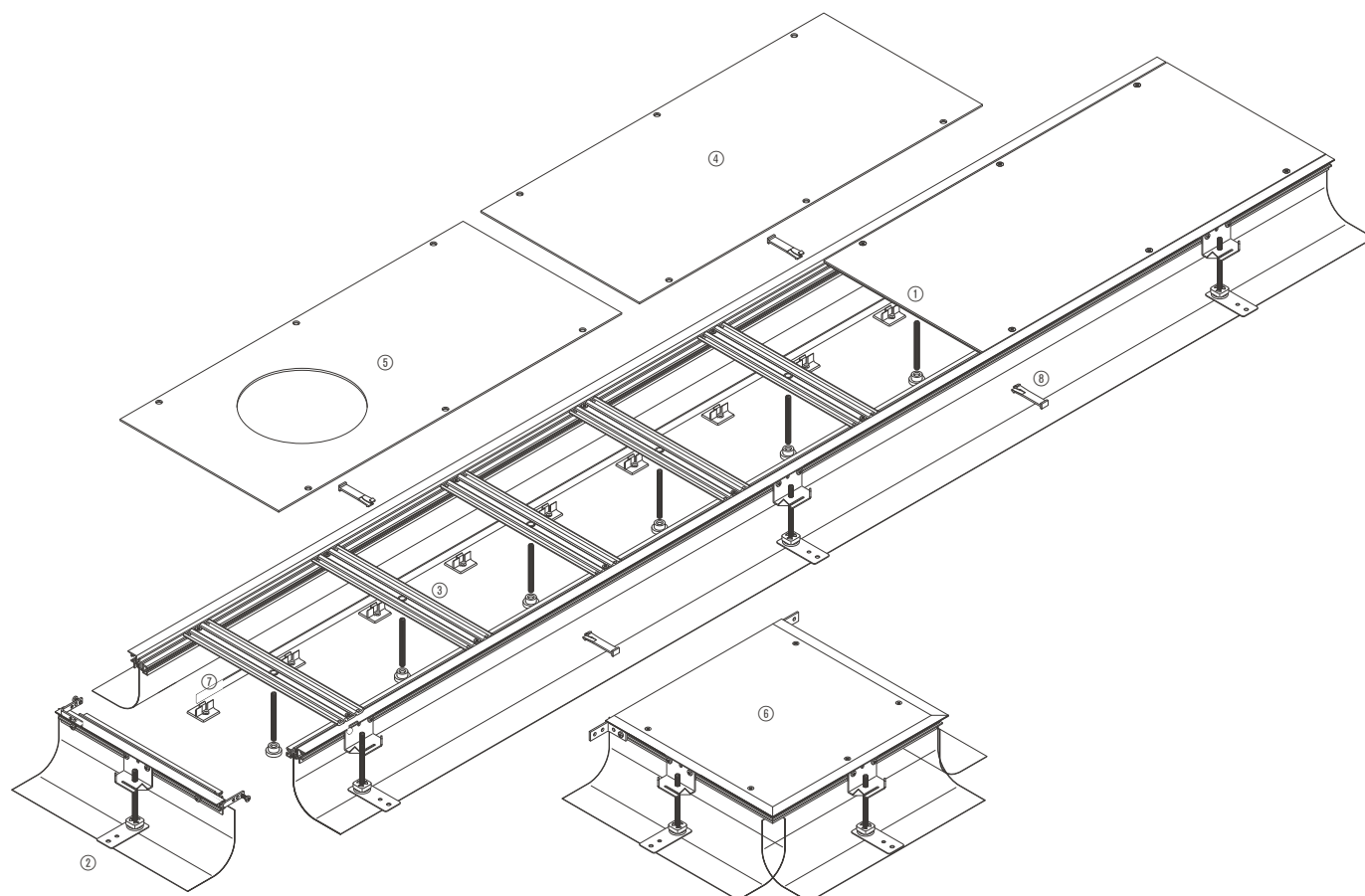


L5804

Sound barrier

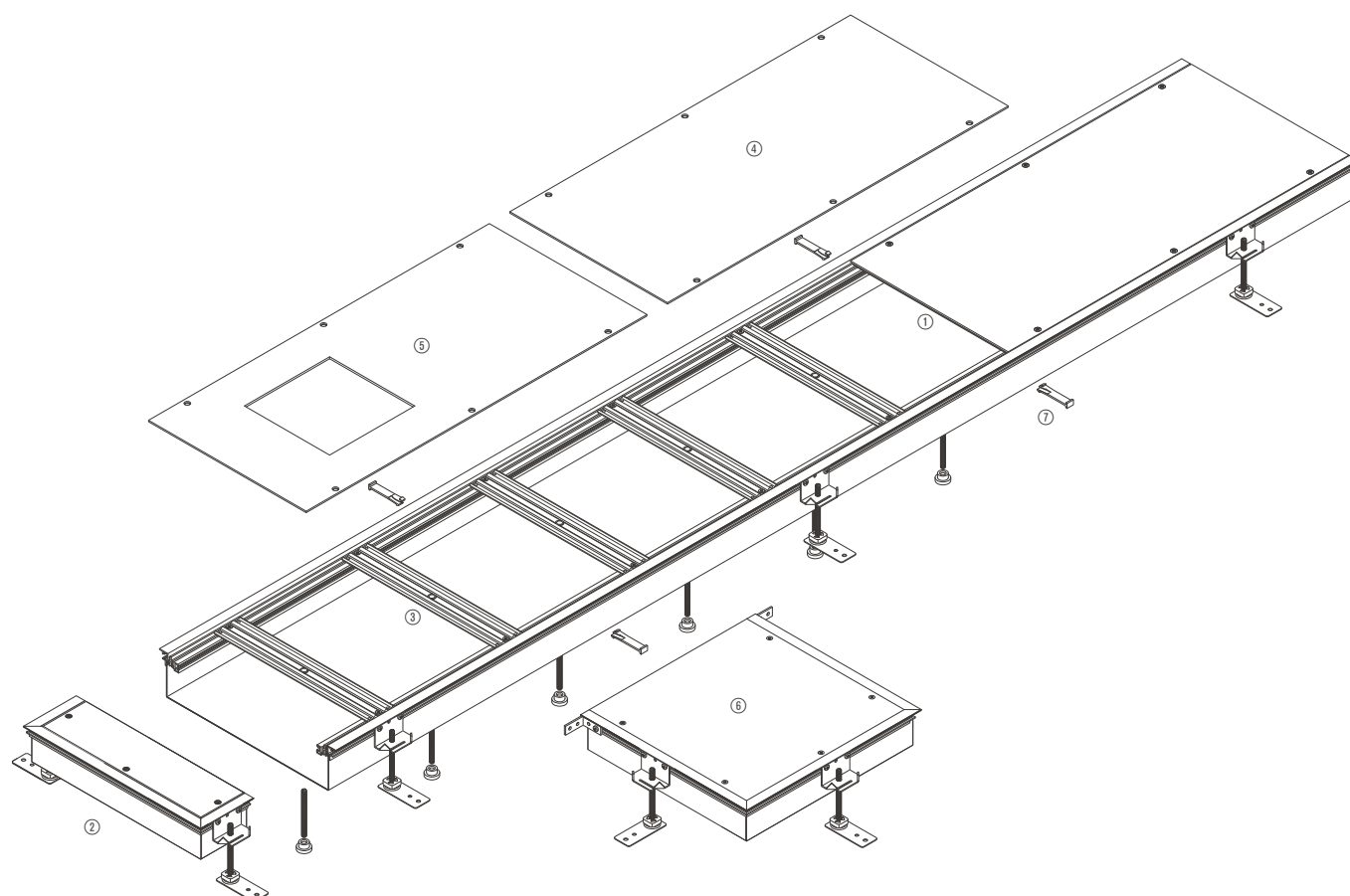
1 set = 15 pigtails, pigtail length: 300 mm, ø 30 mm, damping approx. 40 dB, non-combustible, building materials classification A1, not suitable for use as a firewall.

Designation	PU	Order no.
Sound barrier = 15 pigtails	1	L5804



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- ① Basic profile
- ② Cover
- ③ Cross member
- ④ Blank cover
- ⑤ Cover with blanking
- ⑥ Side junction box
- ⑦ Partition wall
- ⑧ Screed anchor



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- ① Basic profile
- ② End piece
- ③ Cross member
- ④ Blank cover
- ⑤ Cover with blanking
- ⑥ Side junction box
- ⑦ Screed anchor

Trunking with flexible screed casing

Trunkings	Nominal size	Outer width mm	Trunking height max. mm	Levelling range mm	Usable cross-section cm ²	Max. Line allocation Ø 11 mm, half full	Page
BKF150045	150	166	70	45 - 70	77	31	2.14
BKF150065	150	166	110	65 - 110	121	50	2.14
BKF150105	150	166	150	105 - 150	165	68	2.14
BKF150145	150	166	190	145 - 190	209	86	2.14
BKF200045	200	216	70	45 - 70	112	46	2.14
BKF200065	200	216	110	65 - 110	176	72	2.14
BKF200105	200	216	150	105 - 150	240	99	2.14
BKF200145	200	216	190	145 - 190	304	125	2.14
BKF250045	250	266	70	45 - 70	147	60	2.14
BKF250065	250	266	110	65 - 110	231	95	2.14
BKF250105	250	266	150	105 - 150	315	130	2.14
BKF250145	250	266	190	145 - 190	399	164	2.14
BKF300045	300	316	70	45 - 70	182	75	2.14
BKF300065	300	316	110	65 - 110	286	118	2.14
BKF300105	300	316	150	105 - 150	390	161	2.14
BKF300145	300	316	190	145 - 190	494	204	2.14
BKF350045	350	366	70	45 - 70	217	89	2.14
BKF350065	350	366	110	65 - 110	341	140	2.14
BKF350105	350	366	150	105 - 150	465	192	2.14
BKF350145	350	366	190	145 - 190	589	243	2.14
BKF400045	400	416	70	45 - 70	252	104	2.14
BKF400065	400	416	110	65 - 110	396	163	2.14
BKF400105	400	416	150	105 - 150	540	223	2.14
BKF400145	400	416	190	145 - 190	684	282	2.14
BKF500045	500	516	70	45 - 70	322	133	2.14
BKF500065	500	516	110	65 - 110	506	209	2.14
BKF500105	500	516	150	105 - 150	690	285	2.14
BKF500145	500	516	190	145 - 190	874	361	2.14
BKF600045	600	616	70	45 - 70	392	161	2.14
BKF600065	600	616	110	65 - 110	616	254	2.14
BKF600105	600	616	150	105 - 150	840	347	2.14
BKF600145	600	616	190	145 - 190	1064	439	2.14

Trunking with trunking bottom

Trunkings	Nominal size	Outer width mm	Pull height mm	Levelling range mm	Usable cross-section cm ²	Max. Line allocation Ø 11 mm, half full	Page
BKW150040	150	166	28	40 - 60	37.5	15	2.16
BKW150050	150	166	38	50 - 70	50.9	21	2.16
BKW150060	150	166	48	60 - 100	64.3	26	2.16
BKW150070	150	166	58	70 - 110	77.7	32	2.16
BKW200060	200	216	48	60 - 100	88.3	36	2.16
BKW200070	200	216	58	70 - 110	106.7	44	2.16
BKW200080	200	216	68	80 - 120	125.1	51	2.16
BKW200090	200	216	78	90 - 130	143.5	59	2.16
BKW250060	250	266	48	60 - 100	112.3	46	2.16
BKW250070	250	266	58	70 - 110	135.7	56	2.16
BKW250080	250	266	68	80 - 120	159.1	65	2.16
BKW250090	250	266	78	90 - 130	182.5	75	2.16
BKW300060	300	316	48	60 - 100	136.3	56	2.16
BKW300070	300	316	58	70 - 110	164.7	68	2.16
BKW300080	300	316	68	80 - 120	193.1	79	2.16
BKW300090	300	316	78	90 - 130	221.5	91	2.16
BKW350060	350	366	48	60 - 100	160.3	66	2.16
BKW350070	350	366	58	70 - 110	193.7	80	2.16
BKW350080	350	366	68	80 - 120	227.1	93	2.16
BKW350090	350	366	78	90 - 130	260.5	107	2.16
BKW400060	400	416	48	60 - 100	184.3	76	2.16
BKW400070	400	416	58	70 - 110	222.7	92	2.16
BKW400080	400	416	68	80 - 120	261.1	107	2.16
BKW400090	400	416	78	90 - 130	299.5	123	2.16
BKW500060	500	516	48	60 - 100	232.3	96	2.16
BKW500070	500	516	58	70 - 110	280.7	116	2.16
BKW500080	500	516	68	80 - 120	329.1	136	2.16
BKW500090	500	516	78	90 - 130	377.5	156	2.16
BKW600060	600	616	48	60 - 100	280.3	115	2.16
BKW600070	600	616	58	70 - 110	338.7	139	2.16
BKW600080	600	616	68	80 - 120	397.1	164	2.16
BKW600090	600	616	78	90 - 130	455.5	188	2.16

Trunking system with flexible screed casing and sealing option

Trunkings	Nominal size	Outer width mm	Trunking height max. mm	Levelling range mm	Usable cross-section cm ²	Max. Line allocation Ø 11 mm, half full	Page
BKFD150045	150	170	70	45 - 70	77	31	2.22
BKFD150065	150	170	110	65 - 110	121	50	2.22
BKFD150105	150	170	150	105 - 150	165	68	2.22
BKFD150145	150	170	190	145 - 190	209	86	2.22
BKFD200045	200	220	70	45 - 70	112	46	2.22
BKFD200065	200	220	110	65 - 110	176	72	2.22
BKFD200105	200	220	150	105 - 150	240	99	2.22
BKFD200145	200	220	190	145 - 190	304	125	2.22
BKFD250045	250	270	70	45 - 70	147	60	2.22
BKFD250065	250	270	110	65 - 110	231	95	2.22
BKFD250105	250	270	150	105 - 150	315	130	2.22
BKFD250145	250	270	190	145 - 190	399	164	2.22
BKFD300045	300	320	70	45 - 70	182	75	2.22
BKFD300065	300	320	110	65 - 110	286	118	2.22
BKFD300105	300	320	150	105 - 150	390	161	2.22
BKFD300145	300	320	190	145 - 190	494	204	2.22
BKFD350045	350	370	70	45 - 70	217	89	2.22
BKFD350065	350	370	110	65 - 110	341	140	2.22
BKFD350105	350	370	150	105 - 150	465	192	2.22
BKFD350145	350	370	190	145 - 190	589	243	2.22
BKFD400045	400	420	70	45 - 70	252	104	2.22
BKFD400065	400	420	110	65 - 110	396	163	2.22
BKFD400105	400	420	150	105 - 150	540	223	2.22
BKFD400145	400	420	190	145 - 190	684	282	2.22
BKFD500045	500	520	70	45 - 70	322	133	2.22
BKFD500065	500	520	110	65 - 110	506	209	2.22
BKFD500105	500	520	150	105 - 150	690	285	2.22
BKFD500145	500	520	190	145 - 190	874	361	2.22
BKFD600045	600	620	70	45 - 70	392	161	2.22
BKFD600065	600	620	110	65 - 110	616	254	2.22
BKFD600105	600	620	150	105 - 150	840	347	2.22
BKFD600145	600	620	190	145 - 190	1064	439	2.22









Trunking with trunking bottom and sealing option

Trunkings	Nominal size	Outer width mm	Pull height mm	Levelling range mm	Usable cross-section cm ²	Max. Line allocation Ø 11 mm, half full	Page
BKWD150040	150	170	28	40 - 60	37.5	15	2.24
BKWD150050	150	170	38	50 - 70	50.9	21	2.24
BKWD150060	150	170	48	60 - 100	64.3	26	2.24
BKWD200060	200	220	48	60 - 100	88.3	36	2.24
BKWD200070	200	220	58	70 - 110	106.7	44	2.24
BKWD200080	200	220	68	80 - 120	125.1	51	2.24
BKWD200090	200	220	78	90 - 130	143.5	59	2.24
BKWD250060	250	270	48	60 - 100	112.3	46	2.24
BKWD250070	250	270	58	70 - 110	135.7	56	2.24
BKWD250080	250	270	68	80 - 120	159.1	65	2.24
BKWD250090	250	270	78	90 - 130	182.5	75	2.24
BKWD300060	300	320	48	60 - 100	136.3	56	2.24
BKWD300070	300	320	58	70 - 110	164.7	68	2.24
BKWD300080	300	320	68	80 - 120	193.1	79	2.24
BKWD300090	300	320	78	90 - 130	221.5	91	2.24
BKWD350060	350	370	48	60 - 100	160.3	66	2.24
BKWD350070	350	370	58	70 - 110	193.7	80	2.24
BKWD350080	350	370	68	80 - 120	227.1	93	2.24
BKWD350090	350	370	78	90 - 130	260.5	107	2.24
BKWD400060	400	420	48	60 - 100	184.3	76	2.24
BKWD400070	400	420	58	70 - 110	222.7	92	2.24
BKWD400080	400	420	68	80 - 120	261.1	107	2.24
BKWD400090	400	420	78	90 - 130	299.5	123	2.24
BKWD500060	500	520	48	60 - 100	232.3	96	2.24
BKWD500070	500	520	58	70 - 110	280.7	116	2.24
BKWD500080	500	520	68	80 - 120	329.1	136	2.24
BKWD500090	500	520	78	90 - 130	377.5	156	2.24
BKWD600060	600	620	48	60 - 100	280.3	115	2.24
BKWD600070	600	620	58	70 - 110	338.7	139	2.24
BKWD600080	600	620	68	80 - 120	397.1	164	2.24
BKWD600090	600	620	78	90 - 130	455.5	188	2.24

electraplan.BK - Screed-flush trunking system with flexible screed casing for dry-cleaned floors

- BKF: Complete trunking with flexible screed casing for screed-flush installation in dry rooms with dry-cleaned floors
- Floor-flush installation units can be installed from a screed height of 55 mm
- Blank covers and covers with blanking: Galvanised sheet metal in accordance with DIN EN 10327, material thickness 3 mm, length 800 mm, fastening bores countersunk on one side to facilitate individual choice of floor coverings
- Abutting edge for covering: PC/ABS halogen-free, 0 or 4 mm high, grey colour, flush-mounted
- Flexible screed casing: PVC, UV-resistant, highly impact-resistant
- Trunking levelling height from 30 mm with footfall sound insulation from 45 mm
- With factory-fitted levelling clamps, footfall sound insulation and set screws enclosed in accessories package



Nominal size	BKF levelling height b 45 - 70 mm sheet metal	BKF levelling height b 65 - 110 mm sheet metal	BKF levelling height b 105 - 150 mm sheet metal	BKF levelling height b 145 - 190 mm sheet metal
150 	BKF150045 PU 24 m	BKF150065 PU 24 m	BKF150105 PU 24 m	BKF150145 PU 24 m
200 	BKF200045 PU 24 m	BKF200065 PU 24 m	BKF200105 PU 24 m	BKF200145 PU 24 m
250 	BKF250045 PU 24 m	BKF250065 PU 24 m	BKF250105 PU 24 m	BKF250145 PU 24 m
300 	BKF300045 PU 24 m	BKF300065 PU 24 m	BKF300105 PU 24 m	BKF300145 PU 24 m
350 	BKF350045 PU 24 m	BKF350065 PU 24 m	BKF350105 PU 24 m	BKF350145 PU 24 m
400 	BKF400045 PU 24 m	BKF400065 PU 24 m	BKF400105 PU 24 m	BKF400145 PU 24 m
500 	BKF500045 PU 24 m	BKF500065 PU 24 m	BKF500105 PU 24 m	BKF500145 PU 24 m
600 	BKF600045 PU 24 m	BKF600065 PU 24 m	BKF600105 PU 24 m	BKF600145 PU 24 m

Standard length
2400 mm

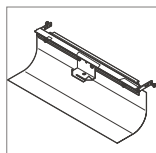
Material

Galvanised sheet metal,
Galvanised in accordance with
DIN EN 10327

Note

- The blank covers are reinforced by load-bearing cross members located underneath them.
- Optional snap fastener on the blank cover
- The load-bearing capacity for components installed flush with the floor is 1500 N, a small amount of bending is permissible.
- Sealing piece with foil as termination for screed-flush trunking, for pushing onto the end of the trunking

▶ from page 2.40



**Sealing piece
for BKF**
Levelling height b
Sheet metal

BKFBV150
PU 1 pc

BKFBV200
PU 1 pc

BKFBV250
PU 1 pc

BKFBV300
PU 1 pc

BKFBV350
PU 1 pc

BKFBV400
PU 1 pc

BKFBV500
PU 1 pc






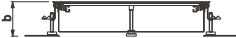


BKFBV600
PU 1 pc

electraplan.BK – screed-flush trunking system with trunking bottom for dry-cleaned floors

tehalit.BKB
electraplan.BK

- BKW: Complete trunking with trunking bottom for screed-flush installation in dry rooms with dry-cleaned floors
- Trunking bottom: 1 mm sheet metal, galvanised in accordance with DIN EN 10327
- Floor-flush installation units can be installed on trunking with an adjustment range of 70 - 110 mm or higher.
- Blank covers and covers with blanking: Galvanised sheet metal in accordance with DIN EN 10327, material thickness 3 mm, length 800 mm, fastening bores countersunk on one side to facilitate individual choice of floor coverings
- Abutting edge for covering PC/ABS halogen-free, 0 or 4 mm high, grey colour, flush-mounted
- Trunking levelling height from 30 mm with footfall sound insulation from 45 mm
- With factory-fitted levelling clamps, footfall sound insulation and set screws enclosed in accessories package
- Fixed inserted sheet metal partition wall available on request



Nominal size	BKW Levelling height b 40 - 60 mm sheet metal	BKW Levelling height b 50 - 70 mm Sheet metal	BKW Levelling height b 60 - 100 mm sheet metal	BKW Levelling height b 70 - 110 mm Sheet metal	BKW Levelling height b 80 - 120 mm Sheet metal	BKW Levelling height b 90 - 130 mm Sheet metal
150 	BKW150040 PU 24 m	BKW150050 PU 24 m	BKW150060 PU 24 m	BKW150070 PU 24 m		
200 			BKW200060 PU 24 m	BKW200070 PU 24 m	BKW200080 PU 24 m	BKW200090 PU 24 m
250 			BKW250060 PU 24 m	BKW250070 PU 24 m	BKW250080 PU 24 m	BKW250090 PU 24 m
300 			BKW300060 PU 24 m	BKW300070 PU 24 m	BKW300080 PU 24 m	BKW300090 PU 24 m
350 			BKW350060 PU 24 m	BKW350070 PU 24 m	BKW350080 PU 24 m	BKW350090 PU 24 m
400 			BKW400060 PU 24 m	BKW400070 PU 24 m	BKW400080 PU 24 m	BKW400090 PU 24 m
500 			BKW500060 PU 24 m	BKW500070 PU 24 m	BKW500080 PU 24 m	BKW500090 PU 24 m
600 			BKW600060 PU 24 m	BKW600070 PU 24 m	BKW600080 PU 24 m	BKW600090 PU 24 m

Standard length
2400 mm

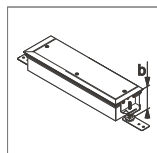
Material

Galvanised sheet metal,
galvanised in accordance with
DIN EN 10327

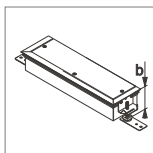
Note

- The blank covers are reinforced by load-bearing cross members located underneath them.
- Optional snap fastener on the blank cover
- The load-bearing capacity for components installed flush with the floor is 1500 N, a small amount of bending is permissible.
- End piece with trunking bottom as termination for screed-flush trunking, for connection to the end of the trunking - With factory-fitted levelling clamps, footfall sound insulation and set screws enclosed

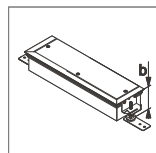
▶ from page 2.40



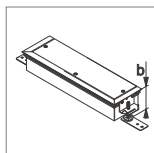
BKW end piece
Levelling height b
40 - 60 mm sheet
metal



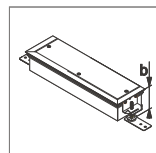
BKW end piece
Levelling height b
50 - 70 mm
Sheet metal



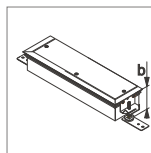
BKW end piece
Levelling height b
60 - 100 mm
Sheet metal



BKW end piece
Levelling height b
70 - 110 mm
Sheet metal



BKW end piece
Levelling height b
80 - 120 mm
Sheet metal



BKW end piece
Levelling height b
90 - 130 mm
Sheet metal

BKWE150040
PU 1 pc

BKWE150050
PU 1 pc

BKWE150060
PU 1 pc

BKWE150070
PU 1 pc

BKWE200060
PU 1 pc

BKWE200070
PU 1 pc

BKWE200080
PU 1 pc

BKWE200090
PU 1 pc

BKWE250060
PU 1 pc

BKWE250070
PU 1 pc

BKWE250080
PU 1 pc

BKWE250090
PU 1 pc

BKWE300060
PU 1 pc

BKWE300070
PU 1 pc

BKWE300080
PU 1 pc

BKWE300090
PU 1 pc

BKWE350060
PU 1 pc

BKWE350070
PU 1 pc

BKWE350080
PU 1 pc

BKWE350090
PU 1 pc

BKWE400060
PU 1 pc

BKWE400070
PU 1 pc

BKWE400080
PU 1 pc

BKWE400090
PU 1 pc

BKWE500060
PU 1 pc

BKWE500070
PU 1 pc

BKWE500080
PU 1 pc

BKWE500090
PU 1 pc

BKWE600060
PU 1 pc

BKWE600070
PU 1 pc

BKWE600080
PU 1 pc

BKWE600090
PU 1 pc

electraplan.BK – covers for screed-flush trunking systems for dry-cleaned floors

- As additional covering, fastening bores countersunk on one side to facilitate individual choice of floor coverings, incl. Fastening screws
- Blank covers and covers with blankings for service units

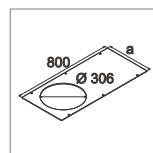
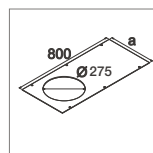
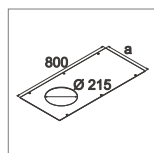
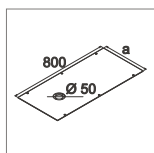
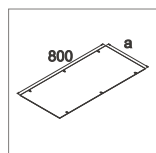
Blankings:

GBZ: round 50 mm
R06: round 215 mm
R10: round 275 mm
R12: round 306 mm
Q06: square 200 x 200 mm
Q08: square 294 x 294 mm
Q12: square 244 x 244 mm
E04: rectangular 147 x 247 mm
E09: rectangular 200 x 253 mm

Standard length
800 mm

Material

3 mm galvanised sheet metal, galvanised in accordance with DIN EN 10327



Nominal size a

Blank cover

Sheet metal

Cover

Blanking
for GBZ
Sheet metal

Cover

Blanking
for R06
Sheet metal

Cover

Blanking
for R10
Sheet metal

Cover

Blanking
for R12
Sheet metal

150

BJA150800
PU 1 pc

BJA150800GBZ
PU 1 pc

200

BJA200800
PU 1 pc

BJA200800GBZ
PU 1 pc

250

BJA250800
PU 1 pc

BJA250800GBZ
PU 1 pc

300

BJA300800
PU 1 pc

BJA300800GBZ
PU 1 pc

BJA300800R06
PU 1 pc

350

BJA350800
PU 1 pc

BJA350800GBZ
PU 1 pc

BJA350800R06
PU 1 pc

BJA350800R10
PU 1 pc

400

BJA400800
PU 1 pc

BJA400800GBZ
PU 1 pc

BJA400800R06
PU 1 pc

BJA400800R10
PU 1 pc

BJA400800R12
PU 1 pc

500

BJA500800
PU 1 pc

BJA500800GBZ
PU 1 pc

BJA500800R06
PU 1 pc

BJA500800R10
PU 1 pc

BJA500800R12
PU 1 pc

600

BJA600800
PU 1 pc

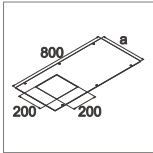
BJA600800GBZ
PU 1 pc

BJA600800R06
PU 1 pc

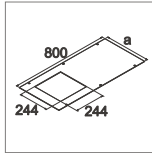
BJA600800R10
PU 1 pc

BJA600800R12
PU 1 pc

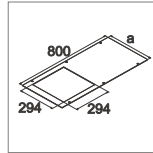
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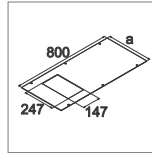
Cover
Blanking
for Q06
Sheet metal



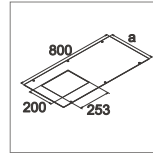
Cover
Blanking
for Q08
Sheet metal



Cover
Blanking
for Q12
Sheet metal



Cover
Blanking
for E04
Sheet metal



Cover
Blanking
for E09
Sheet metal

BKA250800E04
PU 1 pc

BKA300800Q06
PU 1 pc

BKA300800E04
PU 1 pc

BKA300800E04
PU 1 pc

BKA350800Q06
PU 1 pc

BKA350800Q12
PU 1 pc

BKA350800E04
PU 1 pc

BKA350800E09
PU 1 pc

BKA400800Q06
PU 1 pc

BKA400800Q08
PU 1 pc

BKA400800Q12
PU 1 pc

BKA400800E04
PU 1 pc

BKA400800E09
PU 1 pc

BKA500800Q06
PU 1 pc

BKA500800Q08
PU 1 pc

BKA500800Q12
PU 1 pc

BKA500800E04
PU 1 pc

BKA500800E09
PU 1 pc

BKA600800Q06
PU 1 pc

BKA600800Q08
PU 1 pc

BKA600800Q12
PU 1 pc

BKA600800E04
PU 1 pc

BKA600800E09
PU 1 pc

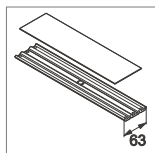
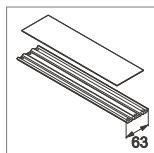
electraplan.BK – cross members for screed-flush trunking systems for dry-cleaned floors

- Cross members for additional load-bearing support underneath blank covers and covers with blankings on screed-flush trunking, fastened with screws in the trunking side profile
- BKTN: without centre support
- BKTMN: with centre support, set screws need to be ordered separately

Note

- Traversen mit Mittenunterstützung müssen zur Vermeidung einer unzulässigen Durchbiegung bauseitig mit Nivellierstiften M8 ausgerüstet werden

▶ from page 2.40



Nominal size a

Cross member

Sheet metal

Cross member

for centre support
Sheet metal

150

BKTN150
PU 1 pc

200

BKTN200
PU 1 pc

250

BKTN250
PU 1 pc

BKTMN250
PU 1 pc

300

BKTN300
PU 1 pc

BKTMN300
PU 1 pc

350

BKTN350
PU 1 pc

BKTMN350
PU 1 pc

400

BKTMN400
PU 1 pc

500

BKTMN500
PU 1 pc







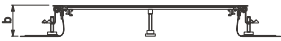

600

BKTMN600
PU 1 pc

electraplan.BK – screed-flush trunking system with flexible screed casing and sealing option

- BKFD: Complete trunking with flexible screed casing and sealing option for screed-flush installation in dry rooms
- Floor-flush installation units can be installed from a screed height of 55 mm
- Blank covers and covers with blanking: Galvanised sheet metal in accordance with DIN EN 10327, material thickness 3 mm, length 800 mm, fastening bores countersunk on one side to facilitate individual choice of floor coverings
- Abutting edge for covering PC/ABS halogen-free, 0 or 4 mm high, grey colour, flush-mounted
- Flexible screed casing: PVC, UV-resistant, highly impact-resistant
- Trunking levelling height from 30 mm with footfall sound insulation from 45 mm
- With factory-fitted levelling clamps, sealing tape, footfall sound insulation and set screws enclosed



Nominal size	BKFD Levelling height b 45 – 70 mm Sheet metal	BKFD Levelling height b 65 – 110 mm Sheet metal	BKFD Levelling height b 105 – 150 mm Sheet metal	BKFD Levelling height b 145 – 190 mm Sheet metal
150 	BKFD150045 PU 24 m	BKFD150065 PU 24 m	BKFD150105 PU 24 m	BKFD150145 PU 24 m
200 	BKFD200045 PU 24 m	BKFD200065 PU 24 m	BKFD200105 PU 24 m	BKFD200145 PU 24 m
250 	BKFD250045 PU 24 m	BKFD250065 PU 24 m	BKFD250105 PU 24 m	BKFD250145 PU 24 m
300 	BKFD300045 PU 24 m	BKFD300065 PU 24 m	BKFD300105 PU 24 m	BKFD300145 PU 24 m
350 	BKFD350045 PU 24 m	BKFD350065 PU 24 m	BKFD350105 PU 24 m	BKFD350145 PU 24 m
400 	BKFD400045 PU 24 m	BKFD400065 PU 24 m	BKFD400105 PU 24 m	BKFD400145 PU 24 m
500 	BKFD500045 PU 24 m	BKFD500065 PU 24 m	BKFD500105 PU 24 m	BKFD500145 PU 24 m
600 	BKFD600045 PU 24 m	BKFD600065 PU 24 m	BKFD600105 PU 24 m	BKFD600145 PU 24 m

Standard length
2400 mm

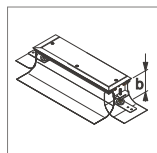
Material

Galvanised sheet metal,
galvanised in accordance with
DIN EN 10327

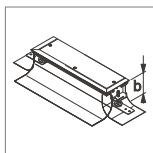
Note

- The blank covers are reinforced by load-bearing cross members located underneath them.
- Optional snap fastener on the blank cover
- The load-bearing capacity for components installed flush with the floor is 1500 N, a small amount of bending is permissible.
- End piece with foil as termination for screed-flush trunking, for connection to the end of the trunking - With factory-fitted levelling clamps, sealing tape, footfall sound insulation and set screws enclosed in accessories package

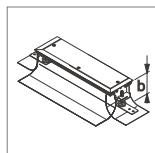
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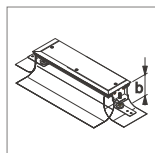
BKFD end piece
Levelling height b
45 – 70 mm
Sheet metal



BKFD end piece
Levelling height b
65 – 110 mm
Sheet metal



BKFD end piece
Levelling height b
105 -150 mm
Sheet metal



BKFD end piece
Levelling height b
145 – 190 mm
Sheet metal

BKFDE150045
PU 1 pc

BKFDE150065
PU 1 pc

BKFDE150105
PU 1 pc

BKFDE150145
PU 1 pc

BKFDE200045
PU 1 pc

BKFDE200065
PU 1 pc

BKFDE200105
PU 1 pc

BKFDE200145
PU 1 pc

BKFDE250045
PU 1 pc

BKFDE250065
PU 1 pc

BKFDE250105
PU 1 pc

BKFDE250145
PU 1 pc

BKFDE300045
PU 1 pc

BKFDE300065
PU 1 pc

BKFDE300105
PU 1 pc

BKFDE300145
PU 1 pc

BKFDE350045
PU 1 pc

BKFDE350065
PU 1 pc

BKFDE350105
PU 1 pc

BKFDE350145
PU 1 pc

BKFDE400045
PU 1 pc

BKFDE400065
PU 1 pc

BKFDE400105
PU 1 pc

BKFDE400145
PU 1 pc

BKFDE500045
PU 1 pc

BKFDE500065
PU 1 pc

BKFDE500105
PU 1 pc

BKFDE500145
PU 1 pc

BKFDE600045
PU 1 pc

BKFDE600065
PU 1 pc









BKFDE600105
PU 1 pc

BKFDE600145
PU 1 pc

electraplan.BK – screed-flush trunking system with trunking bottom and sealing option

- BKWD: Complete trunking with trunking bottom and sealing option for screed-flush installation in dry rooms
- Trunking bottom: 1 mm sheet metal, galvanised in accordance with DIN EN 10327
- Floor-flush installation units can be installed on trunking with an adjustment range of 70 - 110 mm or higher.
- Blank covers and covers with blanking: Galvanised sheet metal in accordance with DIN EN 10327, material thickness 3 mm, length 800 mm, fastening bores countersunk on one side to facilitate individual choice of floor coverings
- Abutting edge for covering: PC/ABS halogen-free, 0 or 4 mm high, grey colour, flush-mounted
- Trunking levelling height from 30 mm with footfall sound insulation from 45 mm
- With factory-fitted levelling clamps, sealing tape, footfall sound insulation and set screws enclosed
- Fixed inserted sheet metal partition wall available on request



Nominal size	BKWD Levelling height b 40 – 60 mm Sheet metal	BKWD Levelling height b 50 – 70 mm Sheet metal	BKWD Levelling height b 60 – 100 mm Sheet metal	BKWD Levelling height b 70 – 110 mm Sheet metal	BKWD Levelling height b 80 – 120 mm Sheet metal	BKWD Levelling height b 90 – 130 mm Sheet metal
150 	BKWD150040 PU 24 m	BKWD150050 PU 24 m	BKWD150060 PU 24 m			
200 			BKWD200060 PU 24 m	BKWD200070 PU 24 m	BKWD200080 PU 24 m	BKWD200090 PU 24 m
250 			BKWD250060 PU 24 m	BKWD250070 PU 24 m	BKWD250080 PU 24 m	BKWD250090 PU 24 m
300 			BKWD300060 PU 24 m	BKWD300070 PU 24 m	BKWD300080 PU 24 m	BKWD300090 PU 24 m
350 			BKWD350060 PU 24 m	BKWD350070 PU 24 m	BKWD350080 PU 24 m	BKWD350090 PU 24 m
400 			BKWD400060 PU 24 m	BKWD400070 PU 24 m	BKWD400080 PU 24 m	BKWD400090 PU 24 m
500 			BKWD500060 PU 24 m	BKWD500070 PU 24 m	BKWD500080 PU 24 m	BKWD500090 PU 24 m
600 			BKWD600060 PU 24 m	BKWD600070 PU 24 m	BKWD600080 PU 24 m	BKWD600090 PU 24 m

Standard length
2400 mm

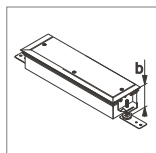
Material

Galvanised sheet metal,
galvanised in accordance with
DIN EN 10327

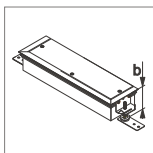
Note

- The blank covers are reinforced by load-bearing cross members located underneath them.
- Optional snap fastener on the blank cover
- The load-bearing capacity for components installed flush with the floor is 1500 N, a small amount of bending is permissible.
- End piece with trunking bottom as termination for screed-flush trunking, for connection to the end of the trunking - With factory-fitted levelling clamps, sealing tape, footfall sound insulation and set screws enclosed in accessories package

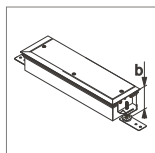
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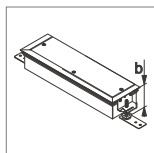
BKWD end piece
Levelling height b
40 - 60 mm sheet
metal



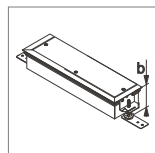
BKWD end piece
Levelling height b
50 - 70 mm
Sheet metal



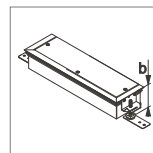
BKWD end piece
Levelling height b
60 - 100 mm sheet
metal



BKWD end piece
Levelling height b
70 - 110 mm
Sheet metal



BKWD end piece
Levelling height b
80 - 120 mm
Sheet metal



BKWD end piece
Levelling height b
90 - 130 mm
Sheet metal

BKWDE150040
PU 1 pc

BKWDE150050
PU 1 pc

BKWDE150060
PU 1 pc

BKWDE200060
PU 1 pc

BKWDE200070
PU 1 pc

BKWDE200080
PU 1 pc

BKWDE200090
PU 1 pc

BKWDE250060
PU 1 pc

BKWDE250070
PU 1 pc

BKWDE250080
PU 1 pc

BKWDE250090
PU 1 pc

BKWDE300060
PU 1 pc

BKWDE300070
PU 1 pc

BKWDE300080
PU 1 pc

BKWDE300090
PU 1 pc

BKWDE350060
PU 1 pc

BKWDE350070
PU 1 pc

BKWDE350080
PU 1 pc

BKWDE350090
PU 1 pc

BKWDE400060
PU 1 pc

BKWDE400070
PU 1 pc

BKWDE400080
PU 1 pc

BKWDE400090
PU 1 pc

BKWDE500060
PU 1 pc

BKWDE500070
PU 1 pc

BKWDE500080
PU 1 pc

BKWDE500090
PU 1 pc

BKWDE600060
PU 1 pc

BKWDE600070
PU 1 pc

BKWDE600080
PU 1 pc

BKWDE600090
PU 1 pc

- As additional covering, fastening bores countersunk on one side to facilitate individual choice of floor coverings, incl. Fastening screws
- Blank covers and covers with blankings for pedestal boxes and service units VANR12

Blankings

GBZ: round 50 mm
R12: round 306 mm

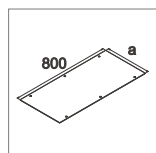
Standard length

800 mm

Material

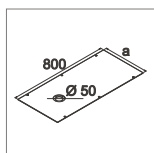
3 mm galvanised sheet metal,
Galvanised in accordance with
DIN EN 10327

▶ from page 2.40



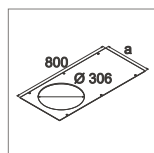
Blank cover

Sheet metal



Abdeckung

Blanking
for GBZ
Sheet metal



Abdeckung

Blanking
for R12
Sheet metal

Nominal size a

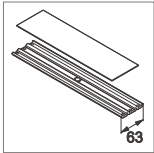
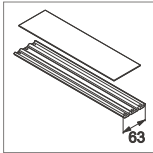
150	BKAD150 PU 1 pc	BKAD150GBZ PU 1 pc	
200	BKAD200 PU 1 pc	BKAD200GBZ PU 1 pc	
250	BKAD250 PU 1 pc	BKAD250GBZ PU 1 pc	
300	BKAD300 PU 1 pc	BKAD300GBZ PU 1 pc	
350	BKAD350 PU 1 pc	BKAD350GBZ PU 1 pc	
400	BKAD400 PU 1 pc	BKAD400GBZ PU 1 pc	BKAD400R12 PU 1 pc
500	BKAD500 PU 1 pc	BKAD500GBZ PU 1 pc	BKAD500R12 PU 1 pc
600	BKAD600 PU 1 pc	BKAD600GBZ PU 1 pc	BKAD600R12 PU 1 pc

- Cross members for additional load-bearing support underneath blank covers and covers with blankings on screed-flush trunking, fastened with screws in the trunking side profile
- BKTN: without centre support

- BKTMD: with centre support, set screws need to be ordered separately

Note
- Cross members with a centre support must be equipped with set screws M8 on-site to prevent excessive bending.

▶ from page 2.40



Nominal size

Cross member

Cross member
for centre support

Sheet metal

Sheet metal

150

BKTD150
PU 1 pc

200

BKTD200
PU 1 pc

250

BKTD250
PU 1 pc

BKTMD250
PU 1 pc

300

BKTD300
PU 1 pc

BKTMD300
PU 1 pc

350

BKTD350
PU 1 pc

BKTMD350
PU 1 pc

400

BKTMD400
PU 1 pc

500

BKTMD500
PU 1 pc

600

BKTMD600
PU 1 pc

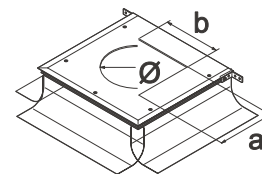


BKSAB00

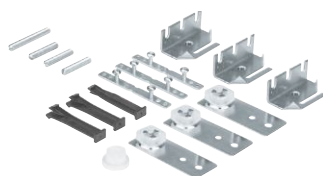
Junction box with foil

Properties:

- Junction box for side mounting on floor trunking for dry rooms with dry or wet-cleaned flooring, for the mounting of installation units (flush with the floor or protruding above it) with fitting frame
- Outer dimension: 411 x 388 mm
- Junction boxes avoid narrowing of the trunking cross-section, which is otherwise unavoidable when installation units are mounted directly in the trunking.
- A levelling clamp from the existing trunking and a levelling set are required for the installation.
- The levelling set needs to be ordered separately.
- Available with trunking bottom on request



Blanking designation	Ø [mm]	a [mm]	b [mm]	PU	Order no.
Side junction box for floor trunking, blank				1	BKSAB00
Side junction box for floor trunking with GBZ blanking	50			1	BKSAG00
Side junction box for floor trunking with E04 blanking	147	247		1	BKSAE04
Side junction box for floor trunking with E09 blanking	200	253		1	BKSAE09
Side junction box for floor trunking with Q06 blanking	200	200		1	BKSAQ06
Side junction box for floor trunking with R06 blanking	215			1	BKSAR06
Side junction box for floor trunking with Q12 blanking	244	244		1	BKSAQ12
Side junction box for floor trunking with R10 blanking	275			1	BKSAR10
Side junction box for floor trunking with Q08 blanking	294	294		1	BKSAQ08
Side junction box for floor trunking with R12 blanking	306			1	BKSAR12



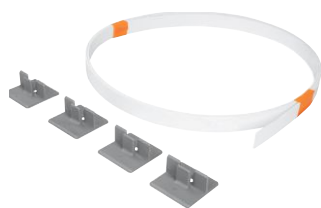
BKSAN045070

Levelling set for junction box

Properties:

- Levelling set comprising 3 levelling clamps, 4 set screws with insulating mounts, 3 screed anchors

Designation	Height adjustment range [mm]	PU	Order no.
Levelling set for BKSA h.-adj. range 45- 70		1	BKSAN045070
Levelling set for BKSA h.-adj. range 65-110		1	BKSAN065110
Levelling set for BKSA h.-adj. range 105-150		1	BKSAN105150
Levelling set for BKSA h.-adj. range 145-190		1	BKSAN145190

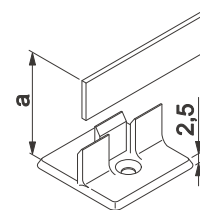


BKTWK16

Partition wall made of PS

Properties:

- Partition wall for separating trunking into compartments, accessory for screed-flush trunking
- Includes 4 partition wall feet for attachment with anchors to the bare floor
- Total height with partition wall feet = nominal height a + 2.5 mm
- Length: 2000 mm



Designation	PU	Order no.
Partition wall, nominal height 16 mm, L = 2000 mm, PS	2	BKTWK16
Partition wall, nominal height 31mm, L = 2000 mm, PS	2	BKTWK31
Partition wall, nominal height 46mm, L = 2000 mm, PS	2	BKTWK46
Partition wall, nominal height 61mm, L = 2000 mm, PS	2	BKTWK61
Partition wall, nominal height 76mm, L = 2000 mm, PS	2	BKTWK76
Partition wall, nominal height 91mm, L = 2000 mm, PS	2	BKTWK91

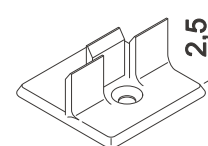


BKTWF00

Partition wall foot made of PS

Properties:

- If required



Designation	PU	Order no.
PS partition wall foot for PS partition wall	2	BKTWF00



BKTWS20

Partition wall made of sheet metal

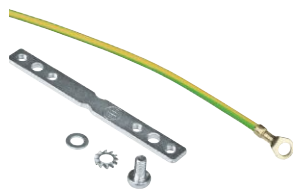
Properties:

- Partition wall for separating trunking into compartments, accessory for screed-flush trunking
- For attachment to the bare floor with anchors
- Length: 2400 mm

Material:

- 1 mm galvanised sheet metal, galvanised in accordance with DIN EN 10327

Designation	PU	Order no.
Partition wall, nominal height 20 mm, L = 2400 mm, sheet metal	24	BKTWS20
Partition wall, nominal height 35mm, L = 2400 mm, sheet metal	24	BKTWS35
Partition wall, nominal height 50mm, L = 2400 mm, sheet metal	24	BKTWS50
Partition wall, nominal height 65mm, L = 2400 mm, sheet metal	24	BKTWS65
Partition wall, nominal height 80mm, L = 2400 mm, sheet metal	24	BKTWS80
Partition wall, nominal height 95mm, L = 2400 mm, sheet metal	24	BKTWS95
Partition wall, nominal height 110mm, L = 2400 mm, sheet metal	24	BKTWS110



BKZSA200

Earth conductor for earthing of the trunking system

Properties:

- Screwed to straight trunking connector, flexible wire 2.5 mm², 200 mm long, green/yellow
- 1 x ring cable lug, 1 x wire end ferrule
- Suitable for screed-flush trunking systems for dry-cleaned floors

Designation	PU	Order no.
Earth conductor for earthing of the underfloor trunking	1	BKZSA200



BKZSAK00

Earth conductor, connecting clamp

Properties:

- Connecting terminal with inner profile slot, flexible wire 4 mm², 200 mm long, green/yellow
- Suitable for screed-flush floor trunking with sealing option

Designation	PU	Order no.
Earth conductor clamp for underfloor trunking	1	BKZSAK00



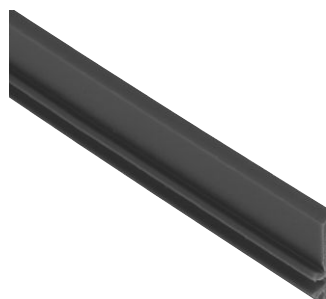
BKZM203

Sponge rubber strip

Properties:

- Sponge rubber strip for absorbing expansion pressure, self-adhesive, for installation on-site on the side profiles
- 2 metres of sponge rubber required for each metre of trunking
- Always coordinate use of the sponge rubber strips with the screed layer.

Designation	PU	Order no.
Sponge rubber strip, 20 x 3mm, self-adhesive	1	BKZM203



BKZBSK7011

Abutting edge for covering

Properties:

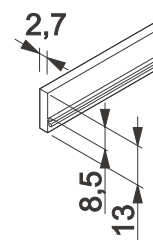
- If required
- The abutting edge for the covering can be used visibly (height 4 mm) or concealed by the floor covering.
- 2 metres of abutting edge for covering required for each metre of trunking
- Abutting edge for covering with a height of 3.2 mm available on request

Material:

- PC/ABS halogen-free

Available colours:

- RAL7011, iron grey
- RAL9005, deep black



Designation	PU	Order no.
Abutting edge for covering height 4 mm PC/ABS hal.-free, eg	2	BKZBSK7011
Abutting edge for covering height 4 mm PC/ABS hal.-free, ts	2	BKZBSK9005



BKZBSA7011

Butt joint cover:

Properties:

- To meet additional demand
- Remove factory-fitted abutting edge
- 2 metres of butt joint cover required for each metre of trunking

Designation	PU	Order no.
Butt joint cover PVC iron grey	2	BKZBSA7011



BKZEA00

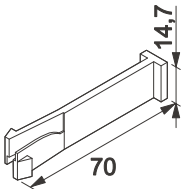
Screed anchor

Properties:

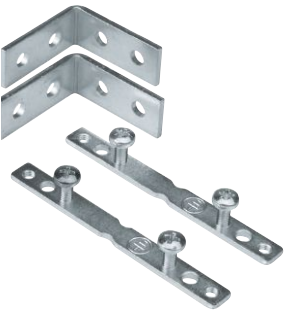
- For stabilising the trunking side profiles
- For snapping into the trunking side profile
- Max. installation gap between screed anchors is 800 mm along the side profile.

Material:

- PA6



Designation	PU	Order no.
Screed anchor, plastic PA6	1	BKZEA00



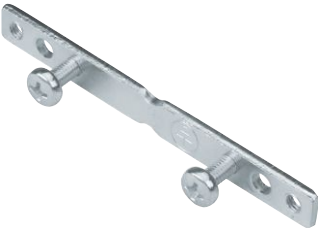
BKZVS90

Connection set

Properties:

- For use as additional installation material in order to create 90° branches on-site using the existing trunking material.
- Comprises 2 outer angled connectors 18 mm, 2 straight trunking connectors and 2 screws M5 x 12

Designation	PU	Order no.
Connection set for 90 deg. branch, steel	1	BKZVS90



BKZKV180

Trunking connector straight

Properties:

- If required

Designation	PU	Order no.
Underfloor trunking connector straight 180 deg. steel	1	BKZKV180



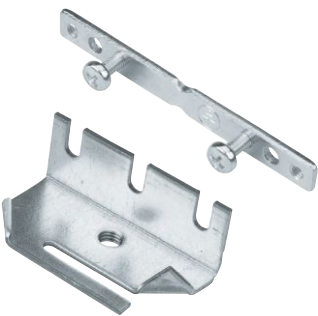
BKZKV090

Trunking connector angled

Properties:

- If required

Designation	PU	Order no.
Underfloor trunking connector angled 90 degrees, steel	1	BKZKV090



BKZN030

Levelling clamp

Properties:

- Levelling clamp for mounting set screws
- External assembly on the side profile of screed-flush trunking with a straight trunking connector and two screws
- Maximum installation distance between levelling clamps 800 mm along the trunking side profile

Material:

Steel, electroplated

From height of ducting with footfall sound insulation mountings

BKZN30	45 mm
BKZN50	65 mm

Designation	PU	Order no.
Lev. clamp for mounting lev. studs Lev. height 45	1	BKZN030
Lev. clamp for mounting lev. studs Lev. height 65	1	BKZN050

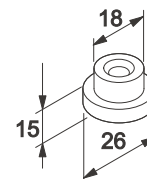


BKZNSD0

Insulating mount for cross member

Properties:

- Insulating mount for footfall sound-insulated mounting of set screws M8 in cross members
- The insulating mount increases the levelling height by 5 mm



Designation	PU	Order no.
Insulating mount for set screws	1	BKZNSD0



BKZSH20

Suction lifter, max. load capacity 20 kg

Properties:

- For lifting blank covers

Designation	PU	Order no.
Suction lifter for blank covers (max. weight 20 kg)	10	BKZSH20



BKZSH30

Suction lifter, max. load capacity 30 kg

Properties:

- For lifting blank covers

Designation	PU	Order no.
Suction lifter for blank covers (max. weight 30 kg)	1	BKZSH30



BKZKH30

Claw lifter, max. load capacity 30 kg

Properties:

- For lifting blank covers

Designation	PU	Order no.
Claw lifter for blank covers, max. 30 kg	1	BKZKH30

tehalit.BKB is designed for installation along walls or window fronts for screed-flush floor installations. Installation with a closed upper part is also possible within a room. The trunking system comes with an upper part with a closed design, a brush and an LED chamber with brush.

Product features

- Suitable for dry-cleaned floors in accordance with DIN EN 50085
- Suitable for floor coverings with a thickness ranging from 5 to 25 mm
- The upper part can be covered with dry-cleaned floor coverings (carpet, parquet flooring, laminate,...) or with wet-cleaned floor coverings (natural stone, marble, tiles,...). Due to the open design, the trunking system is only suitable for dry-cleaned rooms.
- Floor covering is glued onto the cover
- Recommended minimum height of trunking = minimum screed height = 96 mm
- Do not forget the edge insulation strip between the trunking and the screed!
- It may be necessary to install sound insulation at the transition between office units (sound insulation barrier, product no. L5804, see catalogue 'Leitungsführung + Raumanschlusssysteme')
- A trunking firewall (BS90SET) must be installed when routing the trunking through fire safety walls
- Other trunking heights and widths available on request
- Height levelling via internally accessible adjustment screws
- Easy access to cables and sockets is provided via the removable upper part and via the cable outlet on the wall side on upper parts with a brush. Length of the upper parts: 1 m, length of the trunking bottom part: 2 m.
- Also available as closed trunking without a cable outlet for installation in areas that people walk in
- Withstands point loads of up to 150 kg (in accordance with the relevant standard)
- Separate delivery of the lower part (always with fitting frame) and 3 different upper parts (with brush, closed, with brush and LED compartment)

Advantages

- Investors can split investment requirements into separate construction and building equipment management phases.
- Users benefit from great application and upgrade flexibility with an almost invisible energy and data network infrastructure
- Simplified planning process through integration of group connection points or device installation
- Separate delivery of upper and lower parts – allowing basic installation in the preliminary building works phase and completion in the final construction phase
- Suitable upper parts can be used freely to match the final placement of furniture.
- Upper and lower parts are delivered separately, but the lower part is always supplied with a fitting frame to prevent the risk of personal injury during preliminary building works.
- Installation depends on the way the office space is divided up and used.
- Easy options for changing the energy and data network infrastructure once the system is in use.
- Removable covers offer access to the installation space.
- Can be combined with Hager system components
- Also suitable for use in the home for energy, media and data connection systems+

Device installation

- Group connection points for energy and data network
- All products from the installation device range, e. g.
 - Energy distribution
 - Sockets
 - Overvoltage protection
 - Network connections
 - Antenna sockets
- Also suitable for installation of Electraplan devices

Line occupancy (guide values)

- Compartment 1: 31 x ø11 mm; e. g. 3 x 1.5 mm²
- Compartment 2: 25 x ø11 mm; e. g. 3 x 1.5 mm²

Installation concept

Preliminary building works phase

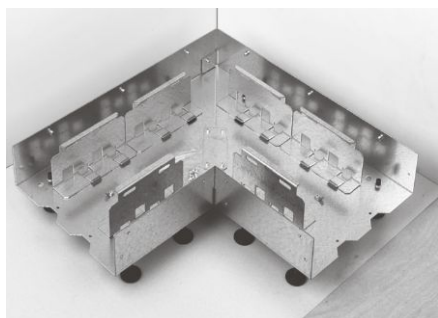
1. Installation of the tehalit.BKB system along outer walls or glass fronts in the screed flooring. If possible, a direct connection should be made between the tehalit.BKB system and the cable distribution room or the sub-distribution.
2. Basic installation of the energy and data network infrastructure in the tehalit.BKB system via group connection points. The distribution and number of group connection points depends on the required volume of equipment in the office space (at least 1 group connection point for every 20 to 40 m²).
3. Ensure the installation is compliant with the following standards by using group connection points or conventional connections:
 - Energy distribution systems: DIN VDE 0634 Part 1 and Part 2, DIN VDE 0100 (in particular Part 520), DIN VDE 0105,
 - Data network systems: Structured cabling in accordance with EN 50173-1, EN 50173-4, EN 50174-2

Final construction phase

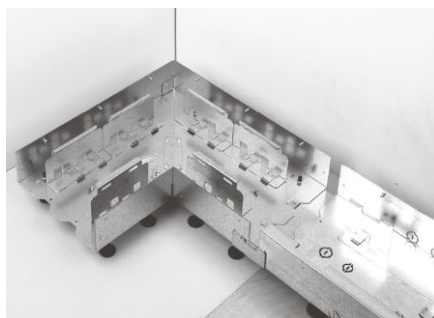
1. Individual installation only once the room layout and usage have been defined
2. Connection of consumers close to walls directly via the group connection points (no additional installation components required)
3. Connection of consumers out in the open using additional Hager system components
4. Pluggable connection systems for safe and reliable installations

Usage phase

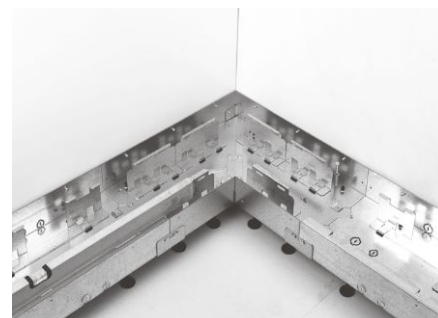
5. Flexible and quick changes can be made to the energy and data cabling if the room layout or usage change.
6. Optional installation of plinths



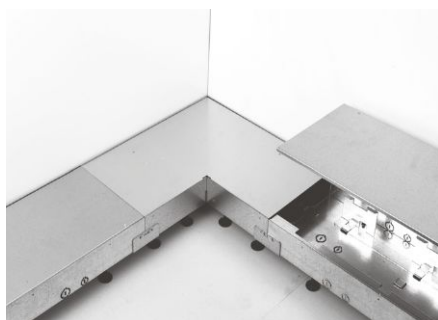
1. Screw in the set screws with or without insulating mounts.
2. Align the trunking lower part or inner/outer corner on the wall side.



3. Joints are connected via couplings. The ends of the trunking are sealed off with end pieces. No screed must be allowed to penetrate inside the trunking. A conductive connection is established between the coupling and the lower parts using the screws enclosed in the packaging of the coupling.



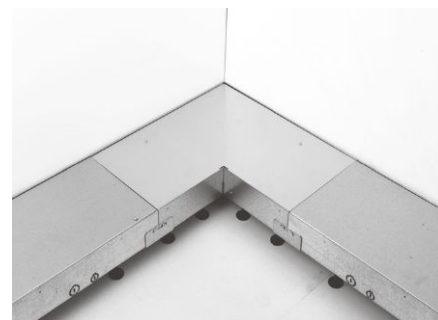
4. Levelling of the trunking. The trunking itself forms the binding setting edge for the screed, so the levelling process must be coordinated with the company laying the screed. Minimum recommendation: 4 levelling screws per running meter.



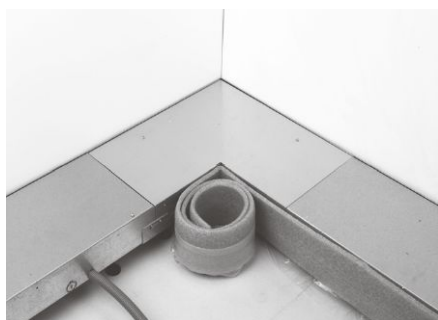
5. Secure the trunking on the bare floor using fastening screws. Minimum recommendation: 2 fastening screws per running meter.
6. Lay the fitting frame in position.



7. If necessary connect empty tubes; open the cut-outs beforehand with a slotted screwdriver. Empty pipes can be connected on four sides.



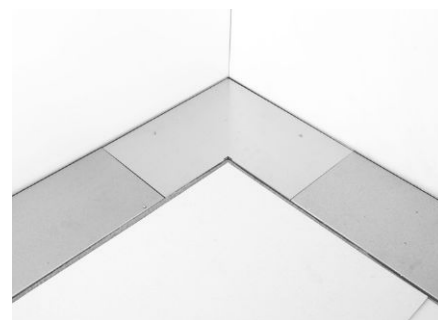
8. Screw in the fitting frame using the drilling screws enclosed with the trunking (in the attached foil packaging). These are screwed directly through the bores in the fitting frame into the support of the lower trunking part (without pre-drilling).



8. Attach the wall insulation strip on the side of the trunking facing the screed (make sure that no screed runs under the trunking). Special precautions must be taken when using floating screed, hot screed or aggressive screed. Depending on the floor covering (e. g. liquid material) it may be necessary to consult the manufacturer.



9. If necessary, support the side of the trunking facing the screed to prevent the side wall from bending under the pressure of the screed. The screed layer needs to work the screed cleanly and carefully up to the level of the top edge of the trunking. Make sure that no screed or parts of the floor covering (e. g. liquid material) can run into the trunking.



10. Screed installation

11. All metallic parts of the trunking system must be covered by VDE-compliant protection measures.
12. Application of the floor covering (0-25 mm).
13. Floor covering adjustment – version 1 with brush:
The outlet brush supplied with the upper part is attached to the wall side of the trunking lower part and adjusted in the same way as the floor covering stop attached to the trunking lower part to the corresponding height of the floor covering by pushing it upward or downward, after which it is then tightened in place using a 3-mm Allen key (not included in the delivery package).
14. Floor covering adjustment – version 2 closed:
The floor covering stop supplied with the upper part and the support for the upper part are attached to the wall side of the trunking lower part and adjusted in the same way as the floor covering stop attached to the trunking lower part to the corresponding height of the floor covering by pushing them upward or downward, after which they are then tightened in place using a 3-mm Allen key (not included in the delivery package).s Note: the "support rake" (system carrier) in the lower part needs to be moved to allow the upper part to fit.
15. Floor covering adjustment – version 2 with LED:
The outlet brush supplied with the upper part is attached to the wall side of the trunking lower part and adjusted in the same way as the floor covering stop attached to the trunking lower part to the corresponding height of the floor covering by pushing it upward or downward, after which it is then tightened in place using a 3-mm Allen key (not included in the delivery package).
Note: the "support rake" (system carrier) in the lower part needs to be moved to allow the upper part to fit correctly.

Advantages of the tehalit.BKB system

The balustrade floor trunking offers many advantages in day-to-day use: even in areas without walls, connections can be made available wherever they are required. The installation is concealed and therefore has no impact on the overall appearance of the office space. Excess connecting cable lengths or data network components can be easily hidden in the trunking, so there are no loose lines that get in the way in the room.

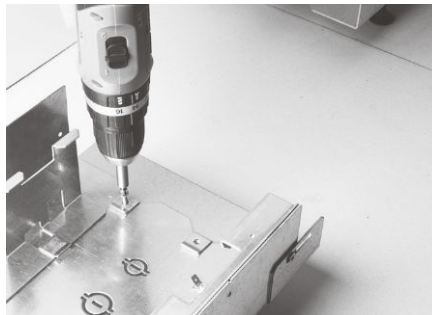
If you decide to change the way the office space is used at a later date, this is no problem thanks to the removable covers of the tehalit.BKB system, which offer easy access to lines, devices and group collection points. Retrofit installations are thus possible at any time. The selection of upper parts can be adapted at any time to meet the changing requirements of tenants or owners.

T-piece installation instructions

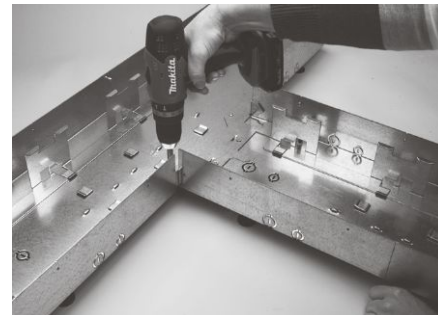
tehalit.BKB
electraplan.BK



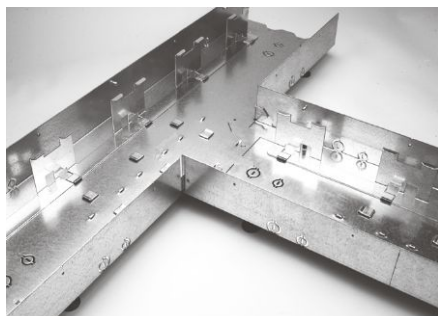
1. To produce the T-piece, you will only need the shaped part shown above and a jig saw to create the 250 mm cut-out in the trunking. **Caution! Before cutting out the marked cut-out, remove the support for the upper part and the floor stop rail.** These two parts are refitted after completion of the cut-out to ensure optimum support for the upper part and to achieve a clean transition to the floor covering.



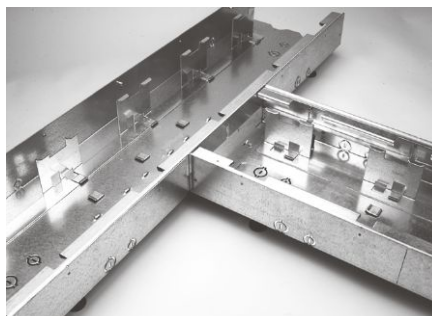
2. The tabs protruding flat to the rear are inserted into the trunking lower part that is to be connected and then screwed to the trunking using the enclosed self-tapping screws.



3. The tabs protruding to the sides are inserted into the trunking lower part that is to be branched off and screwed into the trunking with the enclosed drilling screws.



4. The trunking lower parts are aligned once the screws have been screwed in.



5. The stop profiles are then installed.



6. Installation of the fitting frame.

Cable insulation

For installation in walls and floors for fire resistance classification S90 in accordance with DIN4102.

Building inspectorate approval: Approval no.: Z19.15-1256

Min. firewall length 150 mm

Form of delivery:

BS90SET comprising of

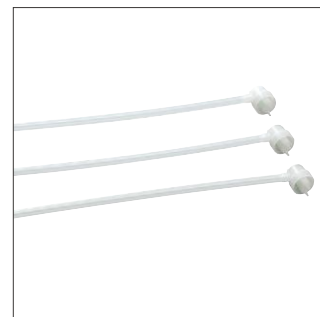
- 1 Fire protection foam can (BS90D)
- 1 Shaped part (BS90F)
- 1 Valve tongs (BS90Z)
- 3 Spray tubes with adapter (BS90S)
- 2 Identification signs
- 1 AbZ, approval no.: Z19.15-1256
- 1 Installation instructions

Yield: approx. 2,100 cm³



BS90S

3 Spray pipes with adapter



BS90D

- 1 Fire safety foam can
(Only to be used in conjunction with valve tongs BS90Z and spray tubes BS90S)

Yield: approx. 900 cm³



BS90Z

1 Valve tongs



BS90F

- 1 Shaped part

Yield: approx. 1,200 cm³



2-component silicone fire protection foam S90 Requirements calculation table for cable fire partitioning

Trunking type	Volume in cm ³	Trunking without line occupancy	Trunking with maximum line occupancy
BKB25085	3.188	1.0 set + 1.0 socket	1.4 socket

Sound barrier

Sound barrier L5804

Maximum fill level of empty trunking

Trunking types	Pigtails
BKB25085	25

Floor trunking

Identifier	Type	Trunking width Nominal size	Levelling range
BK = floor trunking	X	Y	Z
	F = with foil	150	(foil)
	W = with trunking bottom	200	045 = 45 - 70 mm
		250	065 = 65 - 110 mm
	FD = with foil and sealing option	300	105 = 105 - 150 mm
	WD = with trunking bottom and sealing option	350	145 = 145 - 190 mm
		400	
		500	(trunking bottom)
		600	040 = 40 - 60 mm
			050 = 50 - 70 mm
			060 = 60 - 100 mm
			070 = 70 - 110 mm
			080 = 80 - 120 mm
			090 = 90 - 130 mm

Floor trunking sealing end piece

Identifier	Type	Type	Trunking width Nominal size	Levelling range
BK = floor trunking	W	X	Y	Z
	F = with foil	V = sealing piece	150	(trunking bottom)
	W = with trunking bottom	E = end piece	200	040 = 40 - 60 mm
			250	050 = 50 - 70 mm
	FD = with foil and sealing option		300	060 = 60 - 100 mm
	WD = with trunking bottom and sealing option		350	070 = 70 - 110 mm
			400	080 = 80 - 120 mm
			500	090 = 90 - 130 mm
			600	

Floor trunking covers

Identifier	Type	with sealing option	Trunking width Nominal size	Type of blanking
BK = floor trunking	W	X	Y	Z
	A = cover	= standard (without sealing tape)	150	= without blanking
		D = for sealing tape	200	GBZ = blanking GBZ round 50 mm
			250	R06 = blanking R06 round 215 mm
			300	R10 = blanking R10 round 275 mm
			350	R12 = blanking R12 round 306 mm
			400	Q06 = blanking Q06 200 x 200 mm
			500	Q08 = blanking Q08 294 x 294 mm
			600	Q12 = blanking Q12 244 x 244 mm
				E04 = blanking E04 147 x 247 mm
				E09 = blanking E09 200 x 253 mm

Floor trunking cross members

Identifier	Type	with sealing option	Trunking width Nominal size
BK = floor trunking	X	Y	Z
	T = cross member	N = standard (without sealing strip)	150
	TM = cross member with centre support	D = for sealing tape	200
			250
			300
			350
			400
			500
			600

Floor trunking junction boxes

Identifier	Type	Type of blanking
BK = floor trunking	Y SA = side junction box	Z B00 = without blanking G00 = blanking GBZ round 50 mm R06 = blanking R06 round 215 mm R10 = blanking R10 round 275 mm R12 = blanking R12 round 306 mm Q06 = blanking Q06 200 x 200 mm Q08 = blanking Q08 294 x 294 mm Q12 = blanking Q12 244 x 244 mm E04 = blanking E04 147 x 247 mm E09 = blanking E09 200 x 253 mm

Floor trunking junction boxes – levelling set

Identifier	Type	Addition	Levelling range
BK = floor trunking	X SA = side Junction box	Y N = levelling set	Z 045070 = 45 - 70 mm 065110 = 65 - 110 mm 105150 = 105 - 150 mm 145190 = 145 - 190 mm

Floor trunking partition walls

Identifier	Type	Material	Nominal height
BK = floor trunking	X TW = partition wall	Y K = plastic - PS F00 = plastic foot S = steel panel	Z (plastic) 16 = 16 mm – for trunking height 30 mm 31 = 31 mm – for trunking height 45 mm 46 = 46 mm – for trunking height 60 mm 61 = 61 mm – for trunking height 75 mm 76 = 76 mm – for trunking height 90 - 100 mm 91 = 91 mm – for trunking height 105 - 120 mm (sheet metal) 20 = 20 mm – for trunking height 45 mm 35 = 35 mm – for trunking height 60 mm 50 = 50 mm – for trunking height 75 mm 65 = 65 mm – for trunking height 90 mm 80 = 80 mm – for trunking height 100 mm 95 = 95 mm – for trunking height 105 mm 110 = 110 mm – for trunking height 120 mm

Floor trunking accessories

Identifier	Type	Type	Colour/angle/height/length
BK = floor trunking	X Z = accessories	Y SA = earth connection SAK00 = earth conductor clamp M = sponge rubber strips BSK = abutting edge for covering BSA = butt joint cover EA00 = screed anchor VS = connection set KV = trunking connector N = levelling clamp NS = set screw KM = lock nut HP00 = retaining tab NSD0 = soundproofing mount for set screws SH = suction lifter KH = claw lifter	Z 200 = length 200 mm 203 = 20 x 3 mm 7011 = RAL 7011, iron grey 9005 = RAL 9005, deep black 7011 = RAL 7011, iron grey 90 = angled, 90 degrees 180 = straight, 180 degrees 090 = angled, 90 degrees 030 = from trunking height 30 050 = from trunking height 50 25 - 160 = levelling height 80 = for M8 20 = load-bearing capacity up to 20 kg 30 = load-bearing capacity up to 30 kg 30 = load-bearing capacity up to 30 kg

General description

The screed-flush trunking system offers covers that can be opened continuously along the full length of the trunking. The screed is installed flush to the top of the trunking. The height of the complete screed-flush trunking system can be adjusted via a stepless adjustment. Once fully installed, the trunking covers can be opened at any time. This means that it is no problem at all to install cables or lines at a later date. It is also possible to fit installation units or pedestal boxes through the installation openings in the trunking covers. When using trunking junction boxes, this system offers the advantage that smaller trunking cross-sections can be chosen as the entire interior of the trunking is available for lines to be inserted. Screed-flush trunking is available for dry and wet-cleaned floors with a flexible foil casing or with a sheet metal bottom. Factory-fitted footfall sound insulation and

the freedom to use any preferred floor covering means that this system also meets the highest requirements in terms of flexibility.

This height-adjustable system is perfect for all applications in which the final installation details are not yet clear or in which the highest possible degree of flexibility is to be retained. Thanks to their width of up to 600 mm, these trunkings are used where a high number of lines is required. This screed-flush trunking is used in production halls with bare floors as well as in office and administration buildings where the floor coverings are glued onto the trunking covers. Due to its low height, the trunking system can be installed in screeds with very low profiles starting from 40 mm.

BKF trunking with foil casing for dry-cleaned floors



Properties:

- Suitable for dry-cleaned floors
- Easy and flexible installation
- Flexibility to other areas of installation, e.g. transverse heating pipes or ducts
- Entire internal space is available to hold lines

BKF trunking with trunking bottom for dry-cleaned floors



Properties:

- Suitable for dry-cleaned floors
- Easy access to the lines
- Clean installation is possible, lines are protected against dust and dirt

BKFD trunking with foil casing and sealing option



Properties:

- Suitable for wet-cleaned floors
- Easy and flexible installation
- Flexibility to other areas of installation,
e.g. transverse heating pipes or ducts
- Entire internal space is available to hold lines

BKWD trunking with trunking bottom and sealing option



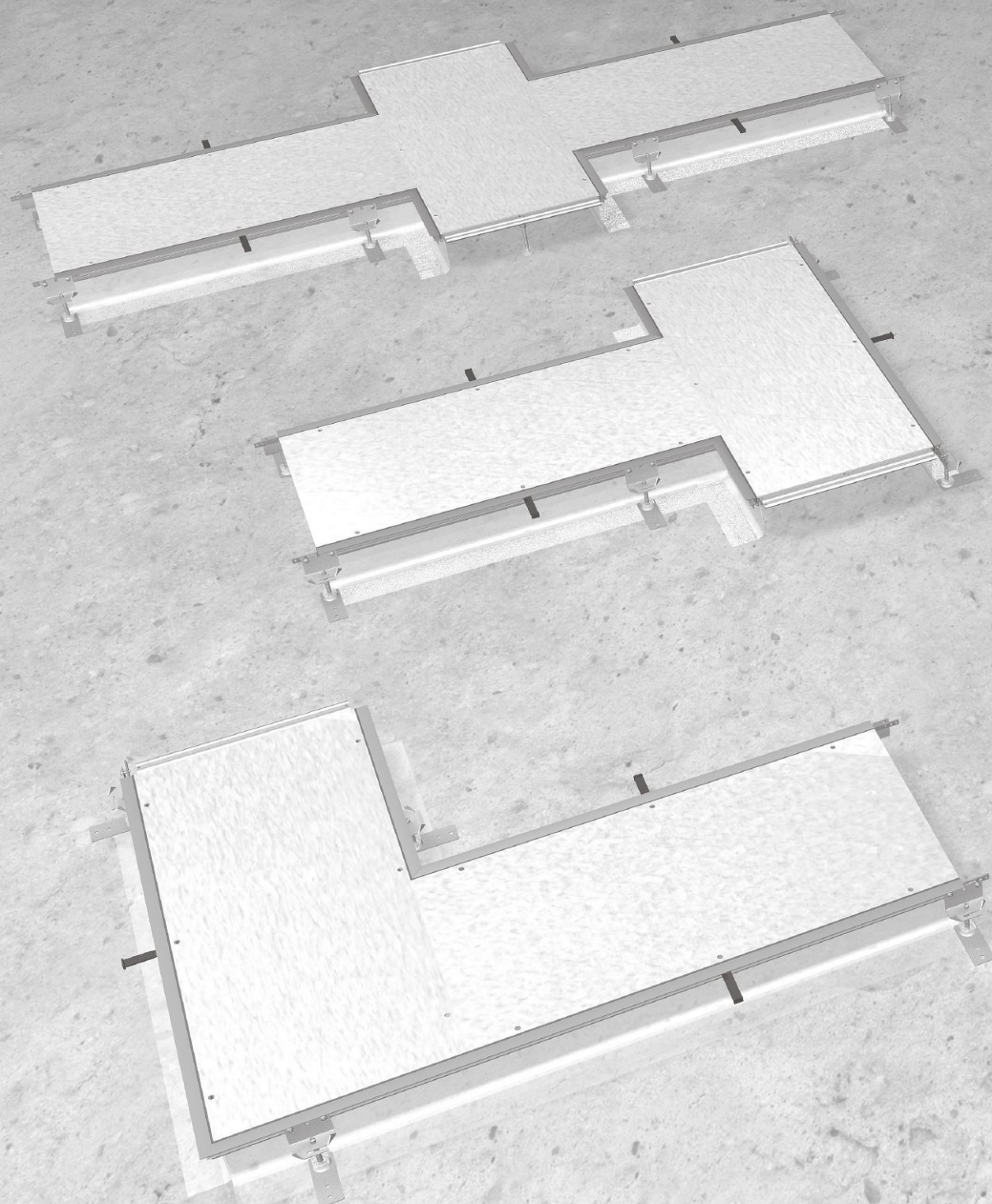
Properties:

- Suitable for wet-cleaned floors
- Easy access to the lines
- Clean installation is possible, lines are protected against
dust and dirt

Available on request.

Ready-assembled shaped parts are available on request.

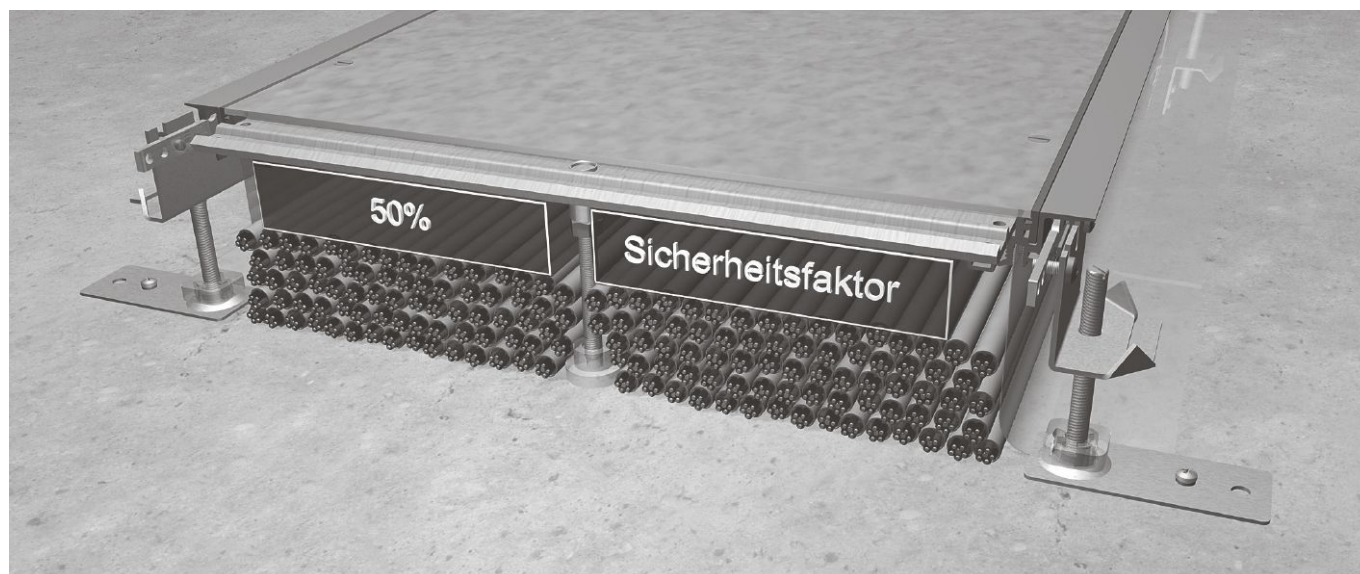
They can be assembled with the standard trunking on-site following the building-block principle. The different sizes can be fed off from the standard trunking. Shaped parts are supplied with factory-fitted levelling clamps. Footfall sound insulation and set screws are included in the accessories package.



Determining the line volume

The line volume must be known in order to define the correct trunking size. In practice, lines never run perfectly in parallel and side-by-side in a way that would ensure maximum space utilisation. This is why the formula $(d)^2$, i.e. the diameter squared, must be applied.

This is why the formula $(d)^2$, i.e. the diameter squared, must be applied. To ensure sufficient space for possible later retrofitting, trunking ducts should only be filled to 50% of their volume. This also makes it easier to pull the lines into the trunking. Also, it must be noted that the calculation does not take into account bottom troughs and outlets that possibly interrupt the line path.



Order number	Height max. mm	Usable cross-sec- tion cm²	Line diameter in mm																
			5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
BKF150045	70	77	154	106	78	60	47	38	31	26	22	19	17	15	13	11	10	9	
BKF150065	110	121	242	168	123	94	74	60	50	42	35	30	26	23	20	18	16	15	
BKF150105	150	165	330	229	168	128	101	82	68	57	48	42	36	32	28	25	22	20	
BKF150145	190	209	418	290	213	163	129	104	86	72	61	53	46	40	36	32	28	26	
BKF200045	70	112	224	155	114	87	69	56	46	38	33	28	24	21	19	17	15	14	
BKF200065	110	176	352	244	179	137	108	88	72	61	52	44	39	34	30	27	24	22	
BKF200105	150	240	480	333	244	187	148	120	99	83	71	61	53	46	41	37	33	30	
BKF200145	190	304	608	422	310	237	187	152	125	105	89	77	67	59	52	46	42	38	
BKF250045	70	147	294	204	150	114	90	73	60	51	43	37	32	28	25	22	20	18	
BKF250065	110	231	462	320	235	180	142	115	95	80	68	58	51	45	39	35	31	28	
BKF250105	150	315	630	437	321	246	194	157	130	109	93	80	70	61	54	48	43	39	
BKF250145	190	399	798	554	407	311	246	199	164	138	118	101	88	77	69	61	55	49	
BKF300045	70	182	364	252	185	142	112	91	75	63	53	46	40	35	31	28	25	22	
BKF300065	110	286	572	397	291	223	176	143	118	99	84	72	63	55	49	44	39	35	
BKF300105	150	390	780	541	397	304	240	195	161	135	115	99	86	76	67	60	54	48	
BKF300145	190	494	988	686	504	385	304	247	204	171	146	126	109	96	85	76	68	61	
BKF350045	70	217	434	301	221	169	133	108	89	75	64	55	48	42	37	33	30	27	
BKF350065	110	341	682	473	347	266	210	170	140	118	100	86	75	66	58	52	47	42	
BKF350105	150	465	930	645	474	363	287	232	192	161	137	118	103	90	80	71	64	58	
BKF350145	190	589	1178	818	601	460	363	294	243	204	174	150	130	115	101	90	81	73	
BKF400045	70	252	504	350	257	196	155	126	104	87	74	64	56	49	43	38	34	31	
BKF400065	110	396	792	550	404	309	244	198	163	137	117	101	88	77	68	61	54	49	
BKF400105	150	540	1080	750	551	421	333	270	223	187	159	137	120	105	93	83	74	67	
BKF400145	190	684	1368	950	697	534	422	342	282	237	202	174	152	133	118	105	94	85	
BKF500045	70	322	644	447	328	251	198	161	133	111	95	82	71	62	55	49	44	40	
BKF500065	110	506	1012	702	516	395	312	253	209	175	149	129	112	98	87	78	70	63	
BKF500105	150	690	1380	958	704	539	425	345	285	239	204	176	153	134	119	106	95	86	
BKF500145	190	874	1748	1213	891	682	539	437	361	303	258	222	194	170	151	134	121	109	
BKF600045	70	392	784	544	400	306	241	196	161	136	115	100	87	76	67	60	54	49	
BKF600065	110	616	1232	855	628	481	380	308	254	213	182	157	136	120	106	95	85	77	
BKF600105	150	840	1680	1166	857	656	518	420	347	291	248	214	186	164	145	129	116	105	
BKF600145	190	1064	2128	1477	1085	831	656	532	439	369	314	271	236	207	184	164	147	133	



Order number	Height max. mm	Usable cross-sec- tion cm ²	Line diameter in mm																
			5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
BKW150040	28	37.5	75	52	38	29	23	18	15	13	11	9	8	7	6	5	5	4	
BKW150050	38	50.9	101	70	51	39	31	25	21	17	15	12	11	9	8	7	7	6	
BKW150060	48	64.3	128	89	65	50	39	32	26	22	19	16	14	12	11	9	8	8	
BKW150070	58	77.7	155	107	79	60	47	38	32	26	22	19	17	15	13	11	10	9	
BKW200060	48	88.3	176	122	90	69	54	44	36	30	26	22	19	17	15	13	12	11	
BKW200070	58	106.7	213	148	108	83	65	53	44	37	31	27	23	20	18	16	14	13	
BKW200080	68	125.1	250	173	127	97	77	62	51	43	37	31	27	24	21	19	17	15	
BKW200090	78	143.5	287	199	146	112	88	71	59	49	42	36	31	28	24	22	19	17	
BKW250060	48	112.3	224	156	114	87	69	56	46	39	33	28	24	21	19	17	15	14	
BKW250070	58	135.7	271	188	138	106	83	67	56	47	40	34	30	26	23	20	18	16	
BKW250080	68	159.1	318	221	162	124	98	79	65	55	47	40	35	31	27	24	22	19	
BKW250090	78	182.5	365	253	186	142	112	91	75	63	54	46	40	35	31	28	25	22	
BKW300060	48	136.3	272	189	139	106	84	68	56	47	40	34	30	26	23	21	18	17	
BKW300070	58	164.7	329	228	168	128	101	82	68	57	48	42	36	32	28	25	22	20	
BKW300080	68	193.1	386	268	197	150	119	96	79	67	57	49	42	37	33	29	26	24	
BKW300090	78	221.5	443	307	226	173	136	110	91	76	65	56	49	43	38	34	30	27	
BKW350060	48	160.3	320	222	163	125	98	80	66	55	47	40	35	31	27	24	22	20	
BKW350070	58	193.7	387	269	197	151	119	96	80	67	57	49	43	37	33	29	26	24	
BKW350080	68	227.1	454	315	231	177	140	113	93	78	67	57	50	44	39	35	31	28	
BKW350090	78	260.5	521	361	265	203	160	130	107	90	77	66	57	50	45	40	36	32	
BKW400060	48	184.3	368	256	188	144	113	92	76	64	54	47	40	36	31	28	25	23	
BKW400070	58	222.7	445	309	227	174	137	111	92	77	65	56	49	43	38	34	30	27	
BKW400080	68	261.1	522	362	266	204	161	130	107	90	77	66	58	51	45	40	36	32	
BKW400090	78	299.5	599	416	305	234	184	149	123	104	88	76	66	58	51	46	41	37	
BKW500060	48	232.3	464	322	237	181	143	116	96	80	68	59	51	45	40	35	32	29	
BKW500070	58	280.7	561	389	286	219	173	140	116	97	83	71	62	54	48	43	38	35	
BKW500080	68	329.1	658	457	335	257	203	164	136	114	97	83	73	64	56	50	45	41	
BKW500090	78	377.5	755	524	385	294	233	188	156	131	111	96	83	73	65	58	52	47	
BKW600060	48	280.3	560	389	286	219	173	140	115	97	82	71	62	54	48	43	38	35	
BKW600070	58	338.7	677	470	345	264	209	169	139	117	100	86	75	66	58	52	46	42	
BKW600080	68	397.1	794	551	405	310	245	198	164	137	117	101	88	77	68	61	55	49	
BKW600090	78	455.5	911	632	464	355	281	227	188	158	134	116	101	88	78	70	63	56	

General instructions:

DIN standard

System components must be included in the earthing measures in accordance with DIN VDE 0100.

Support

If trunking bottoms are used, they must be supported from below to prevent deformation.

Sealing

Gaps must be sealed against screed ingress.

The flexible screed casing must not have any contact with hot screed.

Protection

Protective measures must be coordinated with the screed layer.

No load

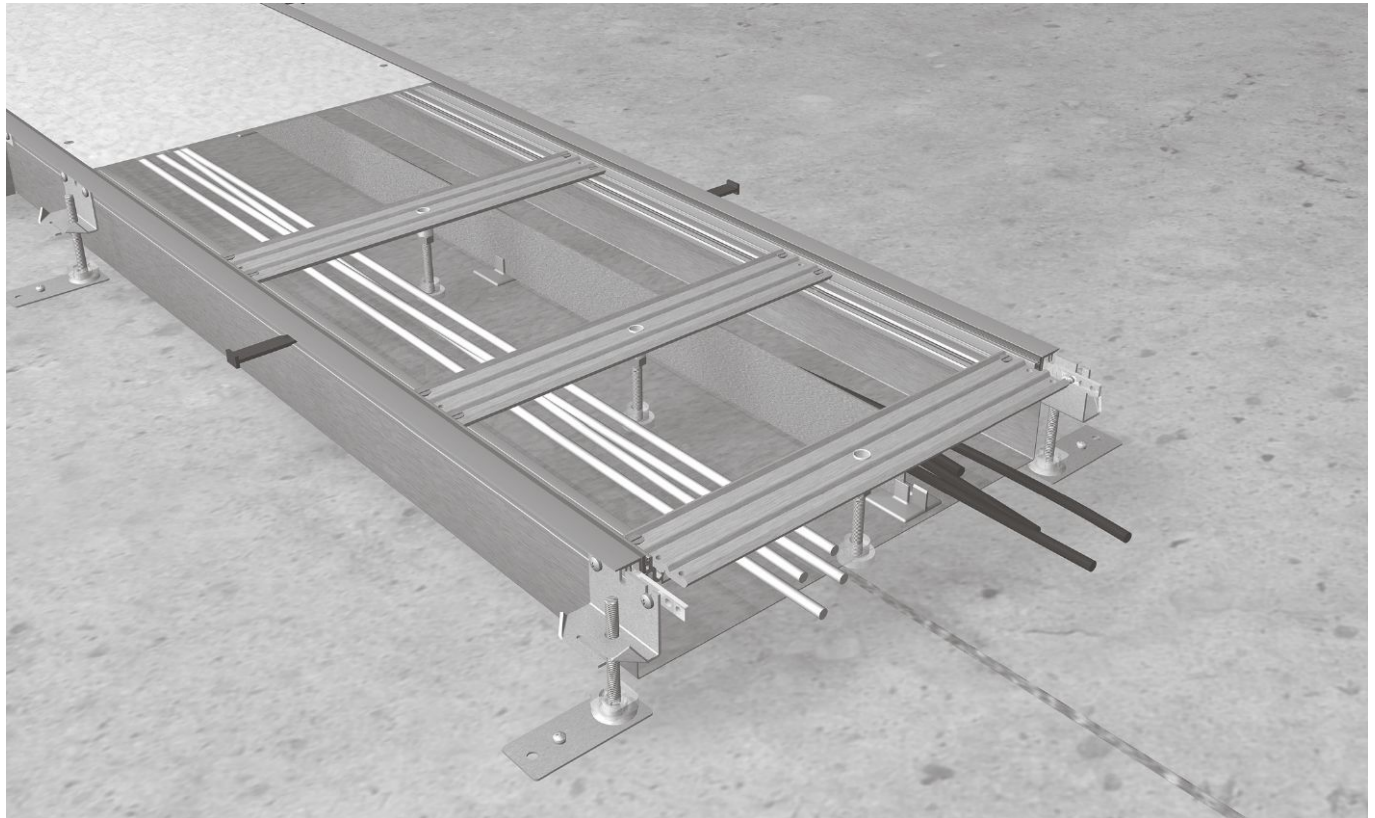
Do not remove the cross members and do not impose any mechanical loads or walk on the trunking system before the screed has hardened.

Protective covers

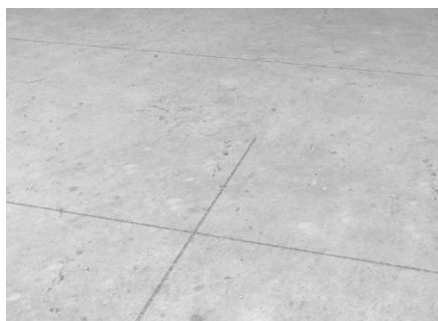
Protective covers of service outlets must not be removed until right before flooring installation.

Further instructions

Ensure that the installation instructions for the screed layers and the flooring fitters are observed and that they are passed on to the contractors responsible before laying the flooring.

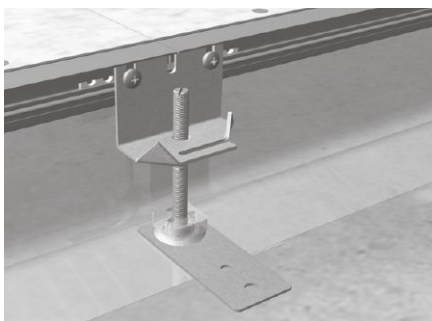


Mark the trunking routing



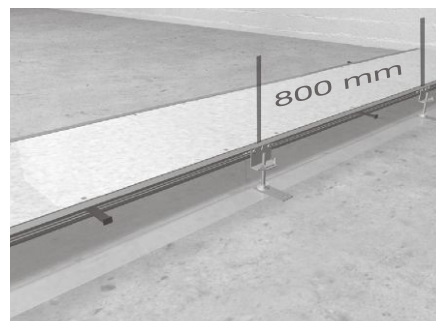
Mark the trunking routing on the slab according to the installation plan using chalk or string. Check the actual levelling heights on the slab.

Assemble the levelling sets



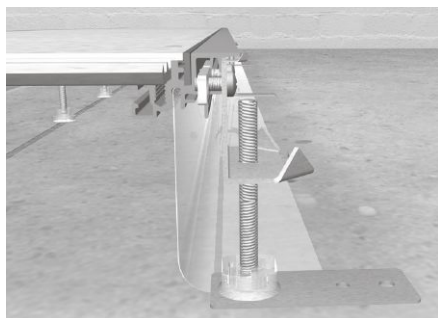
Install the M8 set screws into the levelling clamps. Place brackets with insulating mounts on a level and firm surface and push in the set screws.

Position the levelling sets



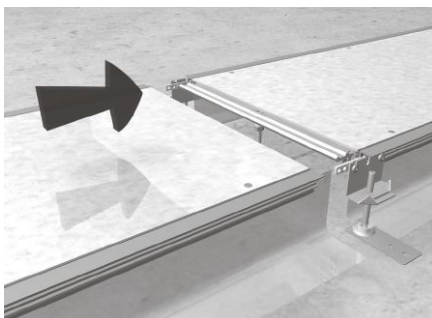
The levelling clamps should be spaced at 800 mm along the trunking lateral profile. Roughly adjust the levelling height.

Adjust the screed casing



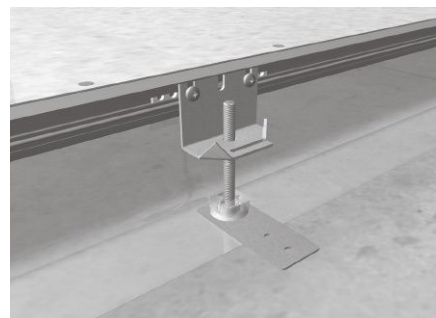
The screed casing must be outside the trunking, extending from the trunking lateral profile downward and vertically outward onto the slab. The retaining tabs rest on the horizontal part of the casing, pressing it onto the slab.

Join the trunking sections



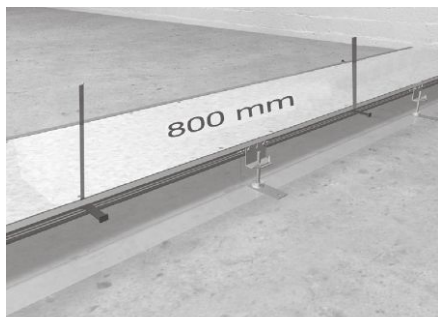
At the joints of the trunking sections, push the pre-assembled cross members halfway under the cover of the subsequent trunking section. At this section, slacken the cover screw and butt-join the sections.

Secure the trunking sections



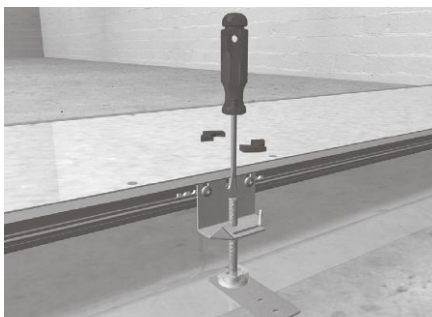
Connect the sections using trunking connector, levelling clamp and M5 bolts. Tighten the cover screws. The flexible screed casing must overlap at the section joint.

Snap in the screed anchor



Snap the screed anchor into the profile groove to stabilise the trunking lateral profiles. The spacing along the lateral profiles must not exceed 800 mm.

Level the trunking



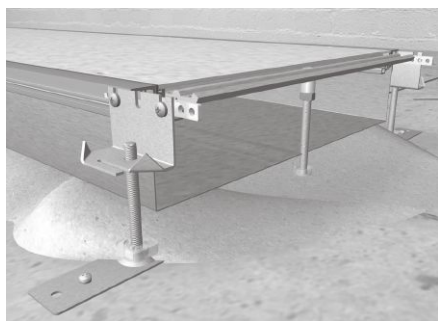
Adjust the top edge of the trunking lateral profile to the required height.

Secure the retaining tabs



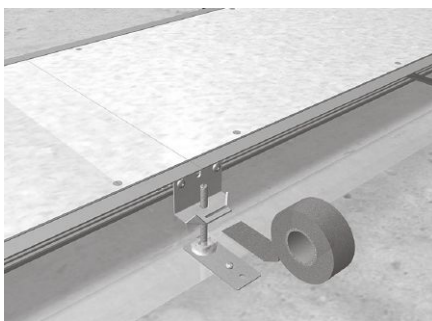
Plug the retaining tabs to the slab.

Support the trunking bottom



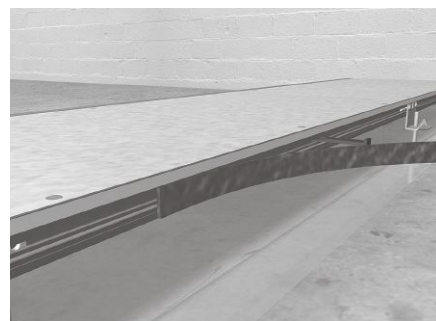
If using trunking bottoms, use underlays. Ensure that the screed installer is explicitly informed of this measure. If cross members with levelling support are used, the trunking bottom must be perforated on site so that the set screw firmly sits on the slab!

Seal the joints



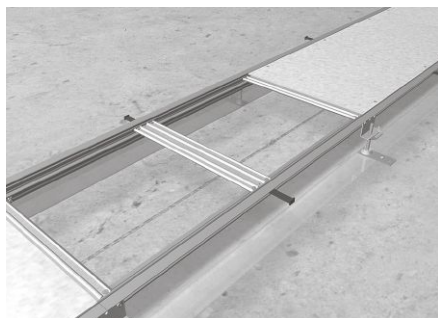
Carefully seal the joints of the trunking system against screed ingress.

Screed expansion



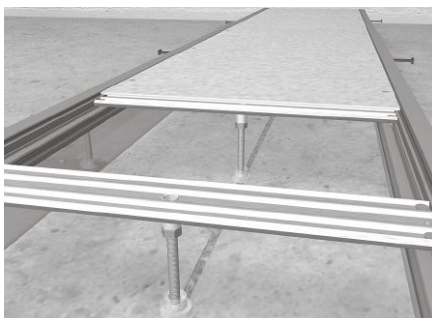
Screed may expand while hardening, causing it to push against the trunking. The pressure is determined by the size of the screed slab and its composition. Sponge rubber strips may be attached to the profile to reduce pressure. Please consult the screed layer.

Position the cross members



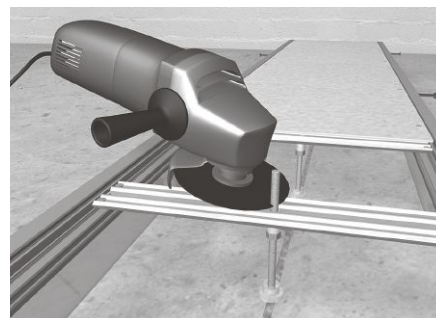
Each cover butt joint must be supported by a cross member. From trunking nominal widths greater than 300 mm, covers must be additionally supported between the joints. The cross members must be equally spaced.

Cross members with threaded sleeve



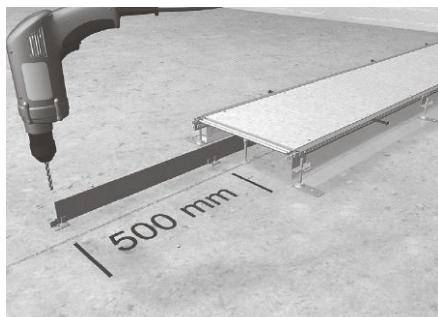
Install the set screw in the threaded sleeve. Install lock nut BKZKM80 and insulating mount BKZNSD0 to the set screw. Slightly tension the cross member against the slab using the set screw. Secure the set screw using lock nut BKZKM80 below the levelling sleeve.

Shorten set screws



If required, trim the set screws so that they are flush with the top edge of the cross member.

Trunking partition wall BKTWK



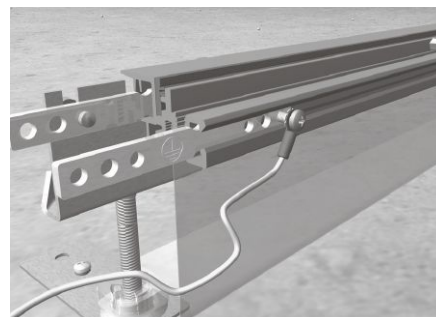
Plug the feet of trunking partition wall BKTWK at a spacing of 500 mm to the slab. Push the partition wall into the feet.

Trunking partition wall BKTWS



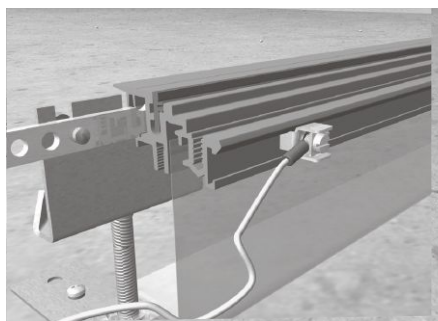
Plug partition wall BKTWS directly to the slab. Bores in the separating walls must be created on site. Connect the separating wall to ground using the tap-on grounding clamps provided.

Earthing measure for trunking BKF



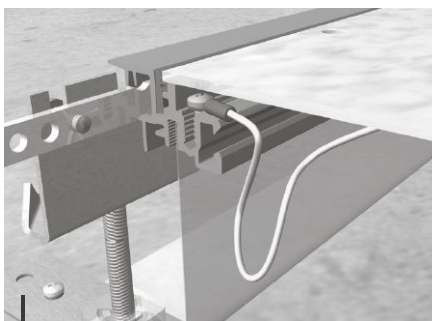
During installation of trunking, push connector from the side into inner profile slot. Remove blank cover from trunking and tighten the screw at the connector. Connect the earth conductor cable to the earthing measure using an end sleeve (available as option).

Earthing measures for trunking BKFD



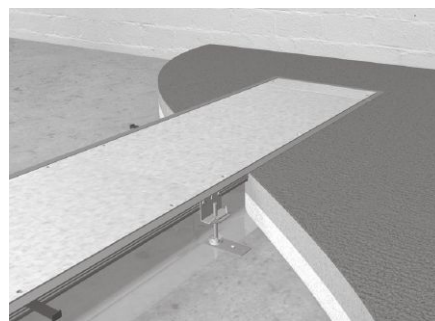
During installation of trunkings, push the connector clamps (available as option) from the side into the inner profile slot. Remove blank cover from trunking and tighten bolt M3 at the connector clamp. Connect the earth conductor cable connector clamp to the earthing measure.

Blank cover with cover snap fastener



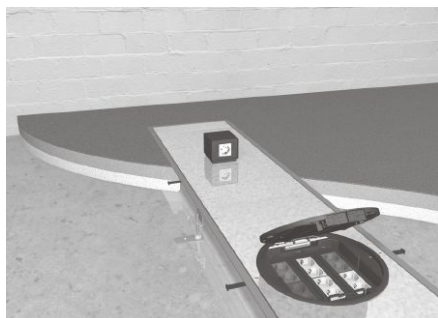
The earth conductor cable (available as option) is welded to the blank cover with cover snap at the factory. After installation, remove the blank covers from the trunking and secure the earth conductor cable of the blank cover to the profile using the eyelet.

Lay the screed



Install the screed up to the top edge of the trunking profiles. Blank covers can be fitted with flooring using adhesive.

Install installation units



Installation units such as Service units or floor-mounting pedestal boxes can be installed in the trunking. This requires replacing the blank cover by an installation cover with a corresponding opening.

General instructions:

Seal

The seal is made of compressed cellular rubber with wax-plastic water-proofing.

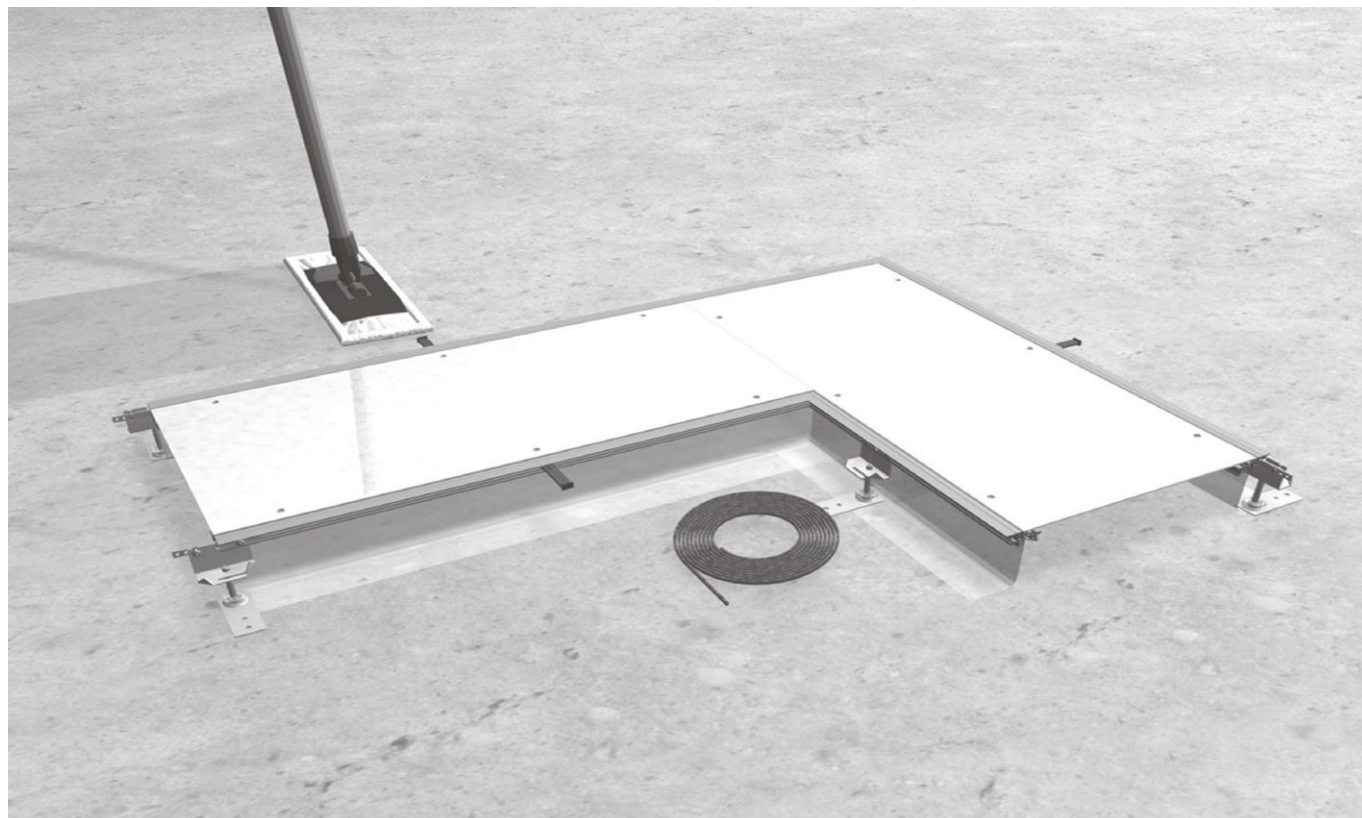
Properties

After unrolling, the material takes some time to expand, thereby pressing itself between trunking cover and lateral profile.

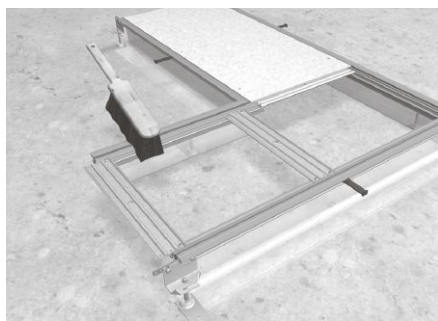
Storage

The sealing tape may only be processed at room temperatures between 15 °C and 25 °C.

Before installation, the sealing tape must have been stored at room temperature for at least 24 hours.

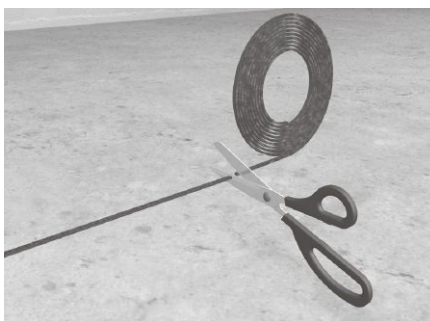


Preparation



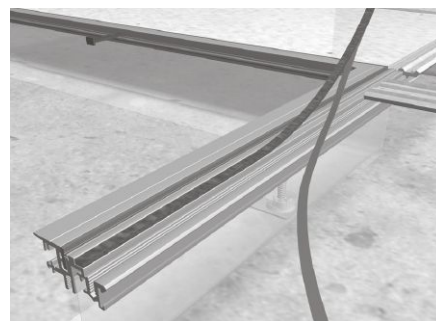
Before installing the sealing tape, open the trunking system and clean it on the inside and outside. The slot holding the sealing tape must be free of dust and grease. Do not open the trunking system before the screed has fully hardened.

Cut off sealing tape



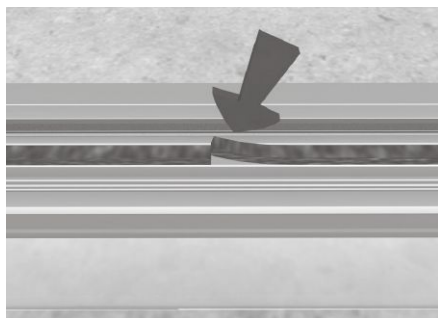
Cut off the required length.

Attach adhesive sealing tape



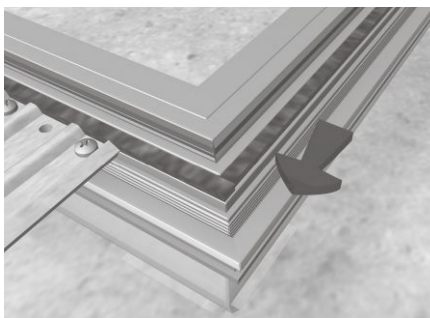
Peel off the backing paper over a length of approx. 20 - 30 cm. Place the sealing tape into the slot in the lateral profile and press it in lightly.

Sealing tape joints



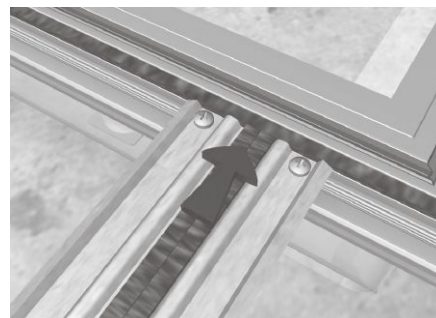
At the joints, the sealing tape ends must join exactly and with slight pressure. Do not cut them at an angle and do not let them overlap.

Sealing corners



Never bend the sealing tape around a corner without cutting it. As with the joints, join the ends with slight pressure.

Cross members



Install two sealing strips in the centre of the cross member. Install their ends as with the 90° corner. Install sealing tape only at the cross members supporting cover joints.

General instructions:**Lateral attachment**

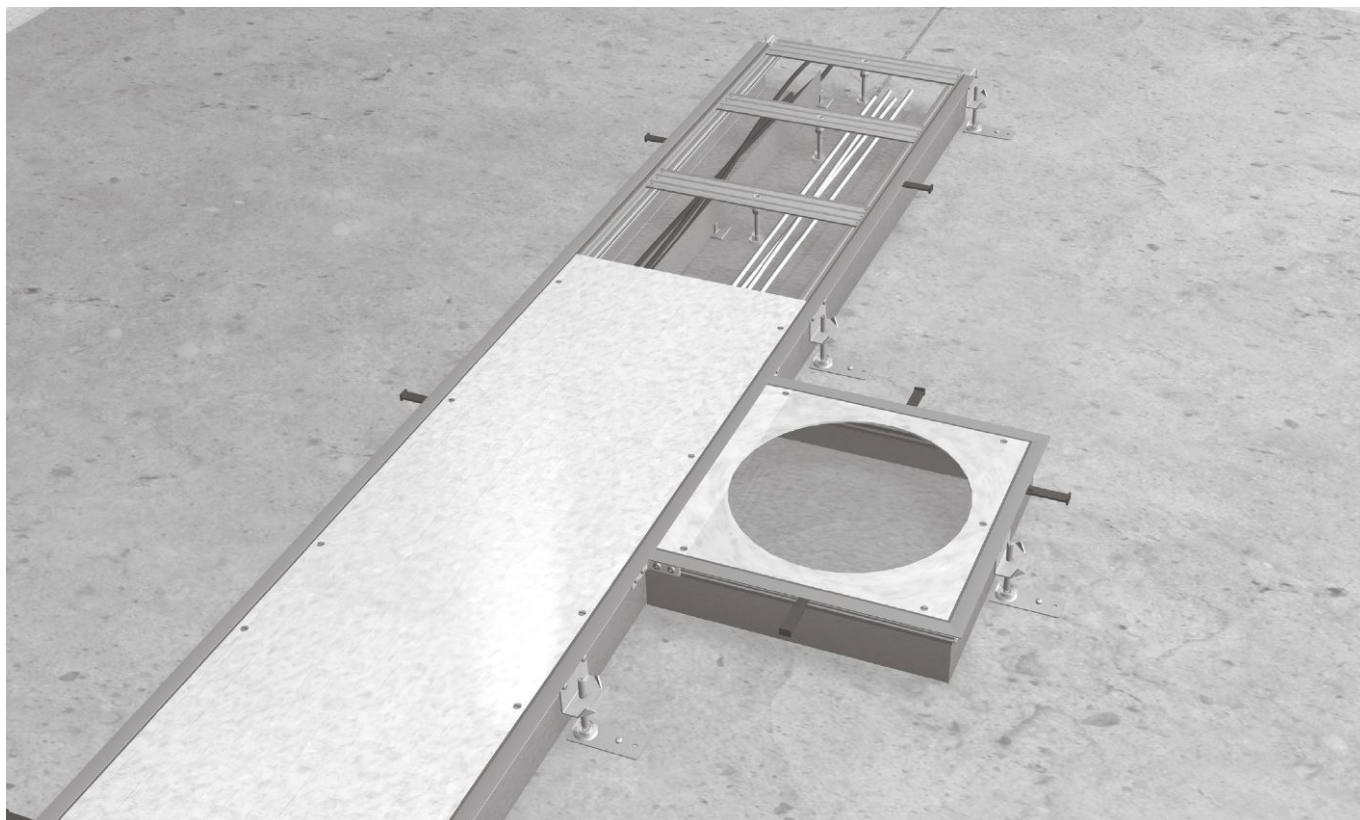
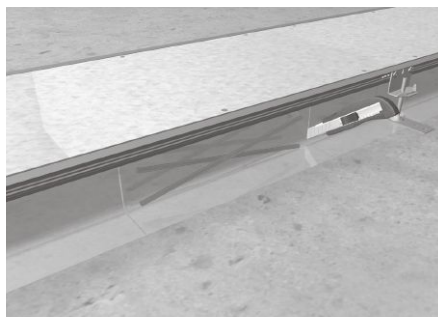
Connection socket BKSA can be installed to the side of trunking BKF / BKFD to allow installation of flush-floor or pedestal installation units via an installation opening.

Larger cross-section

Sockets eliminate the reduction of the cross-section in the trunking immanent with direct installation of installation units in the trunking.

Accessories

Installation requires one levelling clamp of the existing trunking and one levelling set BKSAN.

**Cut out the screed casing**

Cut out the screed casing on the side so that the connection socket can be attached.

Prepare the levelling set

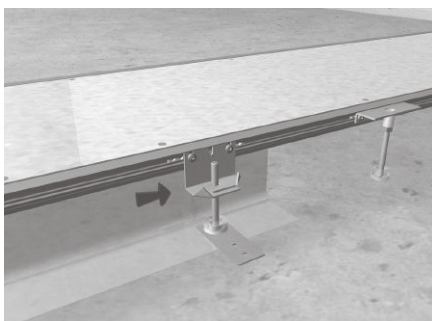
Install nut BKZKM80 and insulating mount BKZNSD0 to the set screw. Install set screw into support bracket.

Attach the levelling set



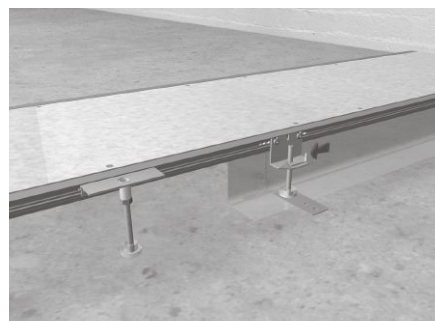
Secure the support bracket to the trunking lateral profile using a trunking connector. Tighten the set screws against the slab. Secure the set screw by tightening lock nut BKZKM80 from below against the threaded sleeve. If required, cut off the set screw so that it is flush with the top edge of the support bracket.

Install the levelling set



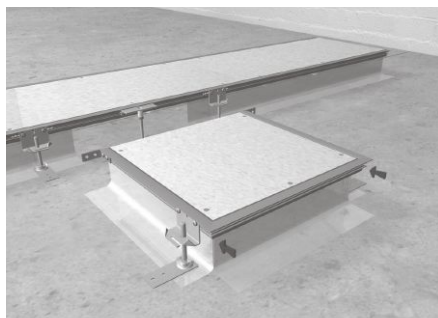
Insert the trunking connector into the outer slot of the lateral profile. Install set screw BKZNS into the levelling clamp. Install the retaining tab with insulating mount BKZHP00.

Slide the levelling set into position



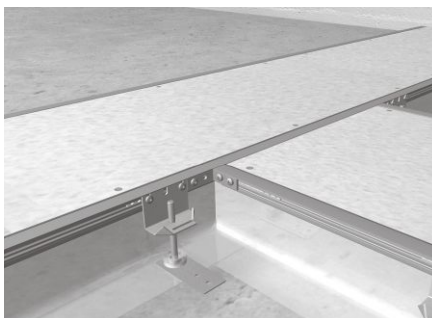
Disconnect the existing levelling clamp at the trunking from the connector. Slide both parts to the installation position of the socket to be installed.

Install the levelling set



Engage the trunking connector in the outer slot of the connecting socket. Screw the levelling clamp to the slot of the connecting socket using a trunking connector. Install the set screw BKZNS into the levelling clamp. Install the retaining tab with insulating mount BKZHP00.

Attach the connecting socket



Connect the connecting socket to the trunking lateral profile. Install the angled connection, tighten the screws. The screed casing must be on the outside.

Plug the retaining tabs



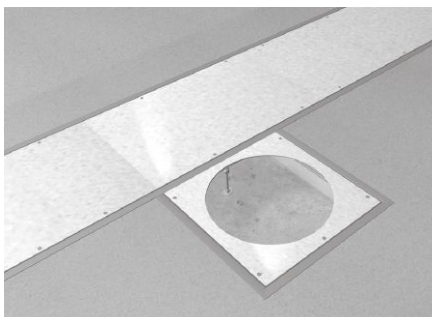
Plug the retaining tabs to the slab.

Engage the screed anchor



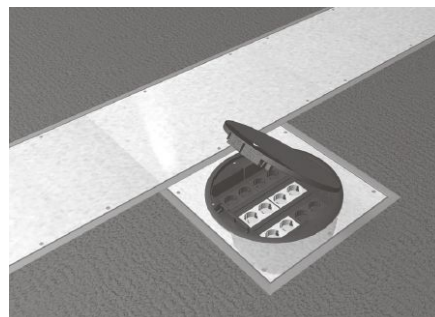
Engage the screed anchor into the profile of the connecting socket.

Lay the screed



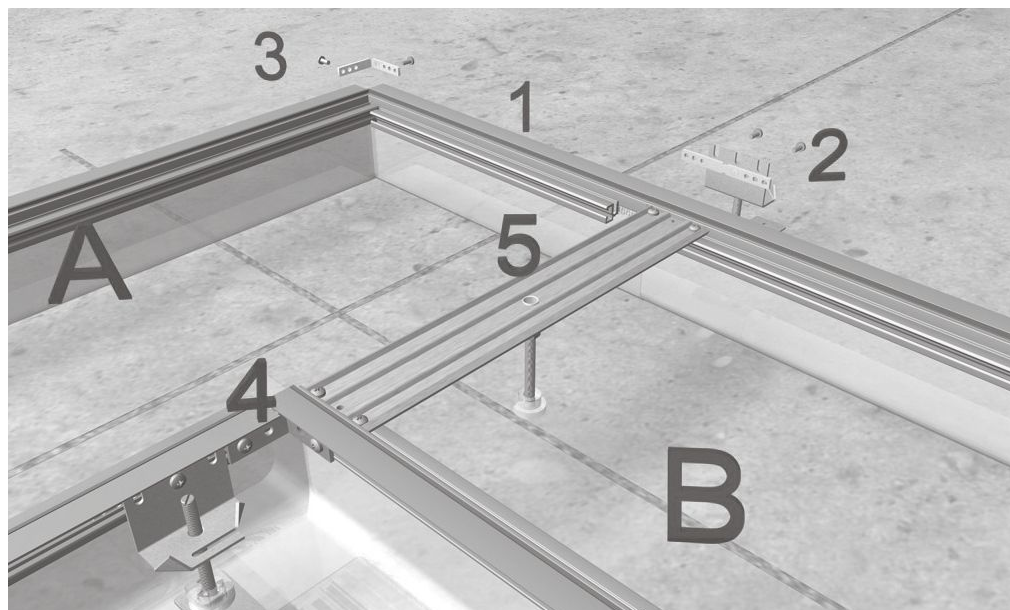
Once the screed is installed, the adhesive protective cover can be removed.

Insert the service unit



Insert the service unit into the opening and secure it. Due to the connection socket, the entire cross-section of the main trunking is maintained.

90° angle branch made by customer



Please order the following additional parts:

1 x connection set BKZVS90
1 x end piece BKFV

tehallit.BKB
electraplan.BK

Shorten trunking section A on one side by the width dimension (trunking - 20 mm).

Attach end piece (1) with levelling clamp and trunking connector (2) to trunking section B. Attach trunking section A and end piece at the outer corner of the angled connectors (3).

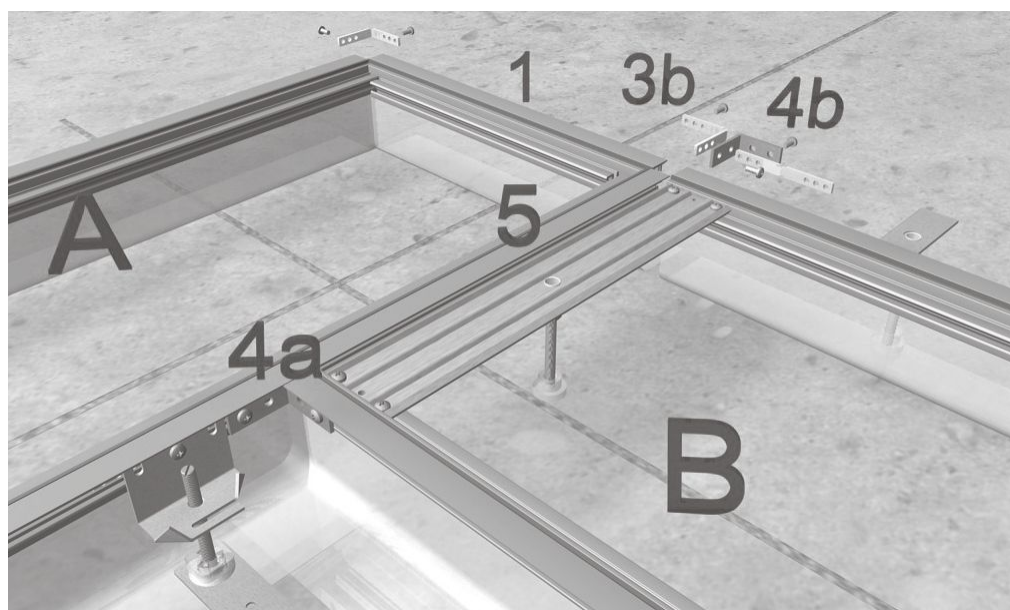
Join the trunking sections at the inner corner using the angled connector (4) and secure them. Attach the cross member (5) to the trunking lateral profile of trunking section B.

The cross member must support the covers of trunking sections A

and B. Cross members installed in trunking sections wider than 350 mm must be fitted with the levelling support.

Locate the levelling brackets at an even spacing of max. 800 mm and secure them to the trunking using connectors.

90° angle branch made by the customer for installation heights greater than 40 mm



Please order the following additional parts:

1 x connection set BKZVS90
1 x end piece BKFV

Cut out the screed casing at the branch-out.

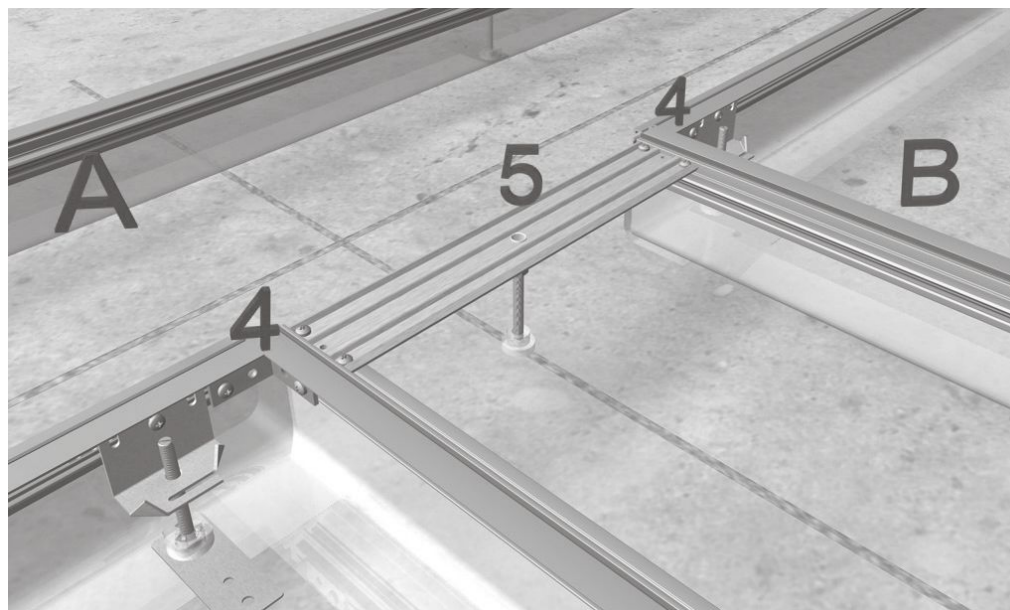
Attach the angled piece (4b) to the angle connector (3b) and attach the end piece (1) to trunking end A using the M5 bolt. Connect trunking section A and B using the angled connector (4a, 4b).

Attach the cross member (5) to the trunking lateral profile of trunking section (B). The cross member must support the cover joint of trunking section B. Cross members installed in trunking sections wider than 350 mm must be fitted with the levelling support.

Locate the levelling brackets at an even spacing of max. 800 mm and secure them to the trunking using connecting pieces.

As an alternative, the shaped parts can be ordered as pre-assembled units!

T-branch made by the customer



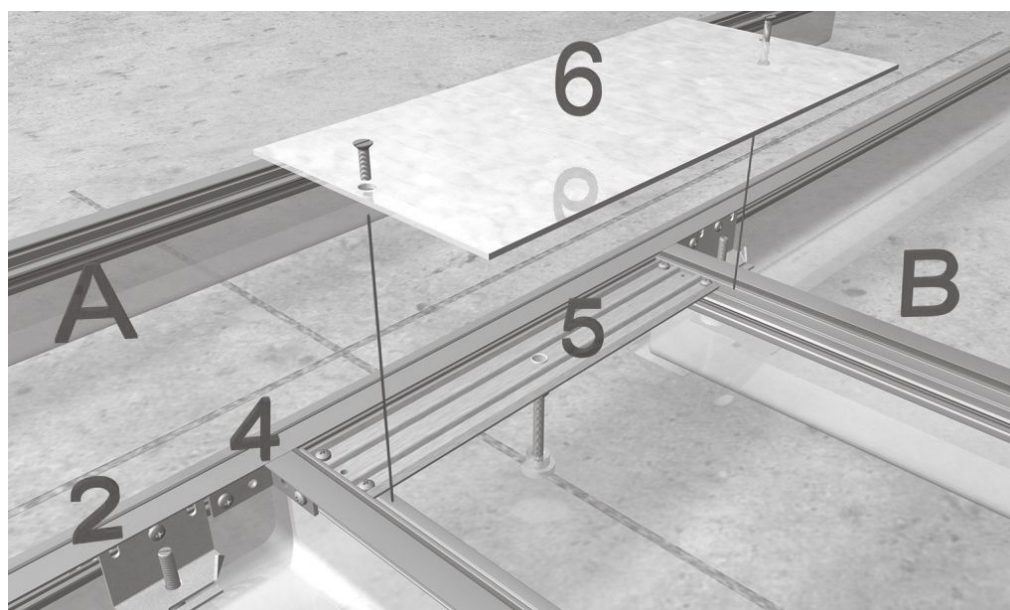
Please order the following additional parts:
1 x connection set BKZVS90

Create a cut-out on one side of the trunking section A that fits the width of the branched-out trunking section B. Insert the branched-out trunking section B into the cut-out. Join both trunking sections using an angled connector (4).

Attach the cross member (5) to the trunking lateral profile of trunking section B. The cross member must support the covers of trunking sections A and B. Cross members installed in trunking sections wider than 350 mm must be fitted with the levelling support.

Locate the levelling brackets at an even spacing of max. 800 mm and secure them to the trunking using connectors.

T-branch made by the customer for installation heights greater than 40 mm



Please order the following additional parts:
1 x connection set BKZVS90

Locate branched-out trunking section B at section A and connect them using an angled connector (4).

Attach the cross member (5) to the trunking lateral profile of trunking section B. The cross member must support the cover

joint of trunking section B. Cross members installed in trunking sections wider than 350 mm must be fitted with the levelling support.

Locate the levelling brackets at an even spacing of max. 800 mm and secure them to the trunking

using connecting pieces. Recommendation: Firmly bolt a short piece of blank cover (6) to trunking section B. If no blank cover (6) is used, then the flooring may not adhere reliably to the lateral profile of trunking section A in the area of the branch-out.

As an alternative, the shaped parts can be ordered as pre-assembled units!

