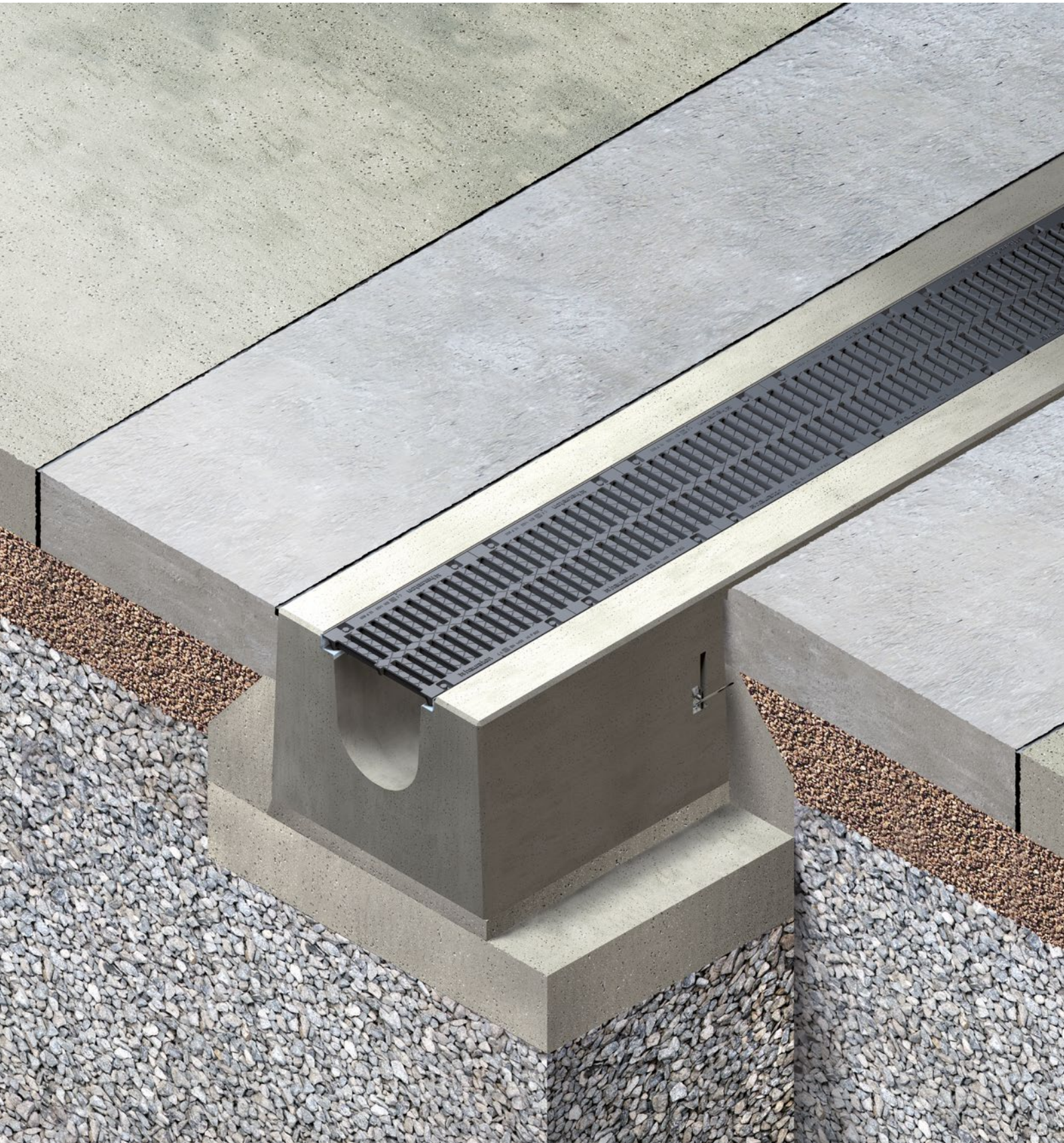


FASERFIX BIG BL

Linear drainage with concrete stretcher for maximum stability under heavy loads.



**Fraport Airport
in Frankfurt am Main,
Germany**



FASERFIX BIG BL

Linear drainage with concrete stretcher for maximum stability under heavy loads.

1 Requirements

Drainage channels for heavy traffic areas have to

- withstand strong dynamic forces and extreme loads
- be particularly stable and long-lasting
- be resistant to environmental effects (frost, heat, water)
- comply with DIN EN 1433

2 Application areas

- ports
- warehouse yards
- industrial road surfaces
- container stations
- airports

3 Solution

For this reason, FASERFIX BIG BL channels are suitable for the drainage of heavy traffic areas:

- robust, ready-to-use pre-cast reinforced concrete channel body in 1 and 4 metre lengths
- maximum lateral stability through extra thick walls with static load capacity
- load classes D 400, E 600 and F 900 according to DIN EN 1433
- gratings are held very securely in the angle housing due to 40 mm insertion depth
- nominal widths from 150 to 300 mm
- gratings are securely fixed with 16 fixing points per metre (incl. 8 times with optional bolting)



Petrol station, Poland



Waste disposal station, Germany



Ferihegy airport, Budapest



Logistics centre Rossmann, Poland

FASERFIX*[®]SUPER

FASERFIX*[®]KS

FASERFIX*[®]BIG SLG

FASERFIX*[®]BIG BL

RECYFIX*[®]PLUS X

RECYFIX*[®]NC

RECYFIX*[®]MONOTEC

RECYFIX*[®]HICAP®F

FASERFIX*[®]POINT KS

SERVICE CHANNEL

FASERFIX BIG BL

Linear drainage with concrete stretcher for maximum stability under heavy loads.

Top strength for maximum reliability.

The airport in Frankfurt is the third largest in Europe. The Terminal A Plus has been overhauled and extended so as to allow wide-bodied passenger aircraft such as the Airbus A 380 to take off and land. The challenge was to gain access to existing drainage connections. This had to be done very carefully because conductors and lighting cables were already there.



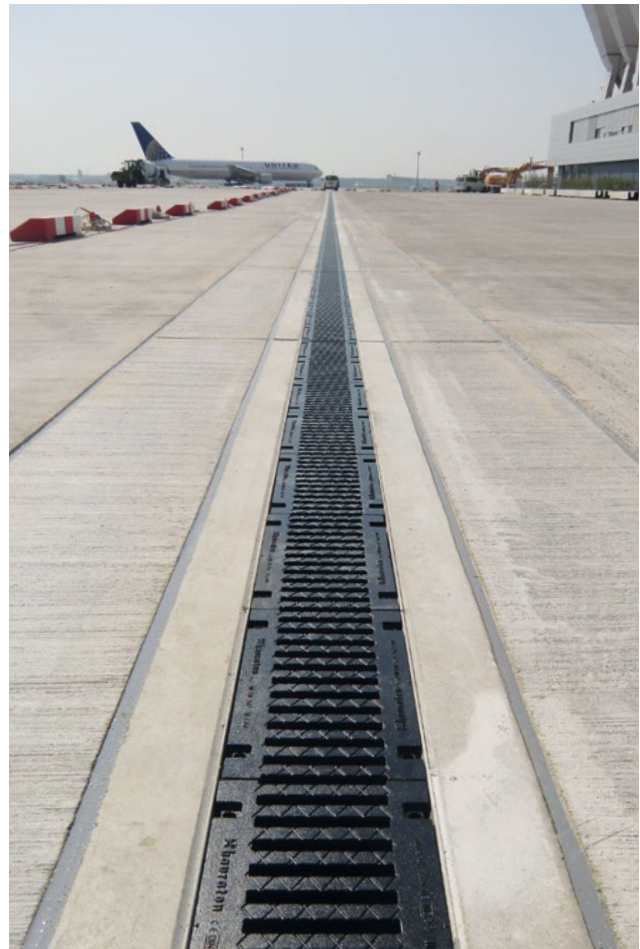
Particularly high demands:

- airport surfaces are subject to the strict regulations of the Federal Water Act
- Aircraft operation areas such as aprons are exposed to enormous dynamic forces
- the four metre long channel runs consist of steel-reinforced concrete and are extremely heavy.

Drainage channels:

- FASERFIX BIG BL with KTL-coated gratings
- The ductil iron gratings can withstand to extreme loads and correspond to the highest load class F 900





SERVICE CHANNEL	FASERFIX®POINT KS	RECYFIX®HICAP®F	RECYFIX®MONOTEC	RECYFIX®NC	RECYFIX®PLUS X	FASERFIX®BIG BL	FASERFIX®BIG SLG	FASERFIX®KS	FASERFIX®SUPER
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YOUR BENEFITS WITH **FASERFIX BIG BL**

PREFABRICATED REINFORCED CONCRETE PART TYPE I ACCORDING TO EN 1433

- robust, ready-to-use pre-cast reinforced concrete channel body
- no formwork, reinforcement and in-situ concrete work required

= COST SAVINGS



CHANNEL IN 1 AND 4 M LENGTHS

- high laying performance
- significant time savings when a certain tightness is required due to reduced number of connections

= TIME & COST SAVINGS



HIGH STABILITY

- maximum lateral stability through extra thick walls with static load capacity compared to many competitors' products for additional security in extreme situations

= PERFORMANCE ASSURED



HIGH PERFORMANCE ANGLE HOUSING AND SIDE-LOCK

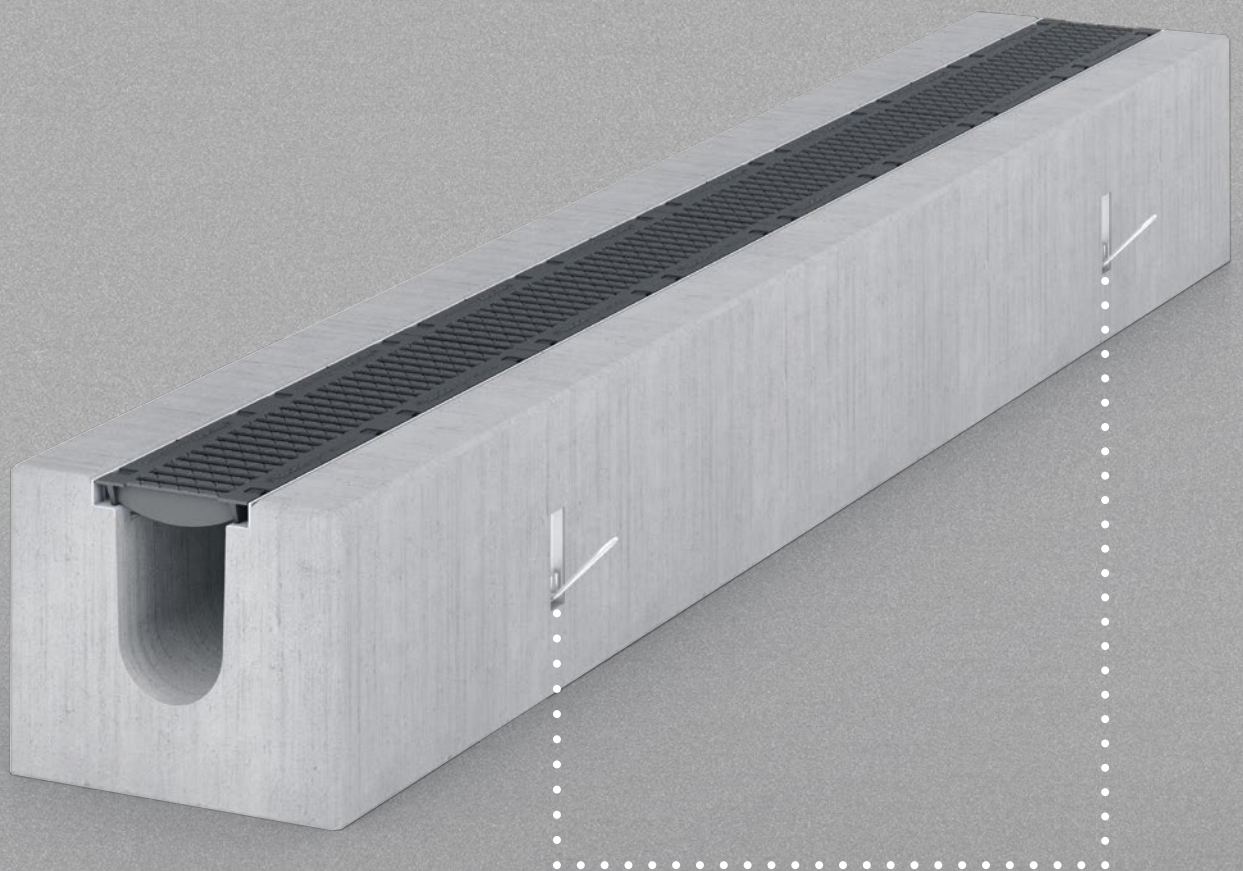
- 40 mm x 40 mm angle housing and inlaying grating
- 16 fixing points for gratings per metre (incl. 8 times with optional bolting)
- 90 % time savings in fixing the grating with **SIDE-LOCK** (compared to a conventional fixing)
- replace and insert the grating without any special tool (if unbolted), a screwdriver is enough

= QUALITY ASSURED & COST SAVINGS



IDEAL FOR ...

extreme loads in practically all concrete road surfaces, aircraft operating areas, port facilities/container terminals, industrial and logistics areas, heavy-duty traffic areas and lorry parks.



1

Attached transport anchors

FASERFIX BIG BL

Linear drainage with concrete stretcher for maximum stability under heavy loads.

FASERFIX BIG BL channels comply with DIN EN 1433 and are suitable for the following load classes:



Class D 400, test force 400 kN

Roadways (including pedestrian), hard shoulders of roads and parking lots which are approved for use by all types of road vehicles.



Class E 600, test force 600 kN

Surfaces exposed to heavy wheel loads, e. g. ports and docks



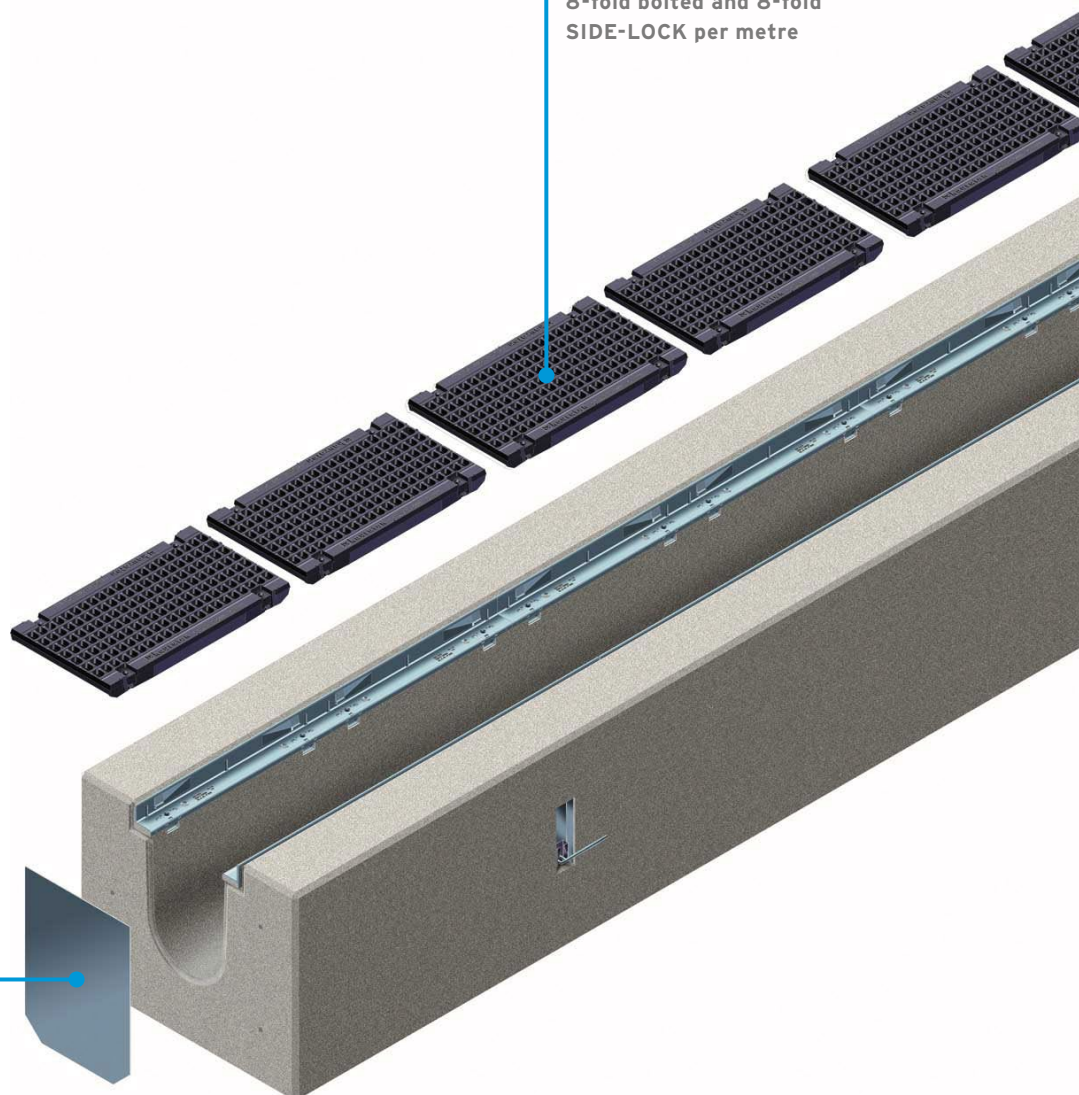
Class F 900, test force 900 kN

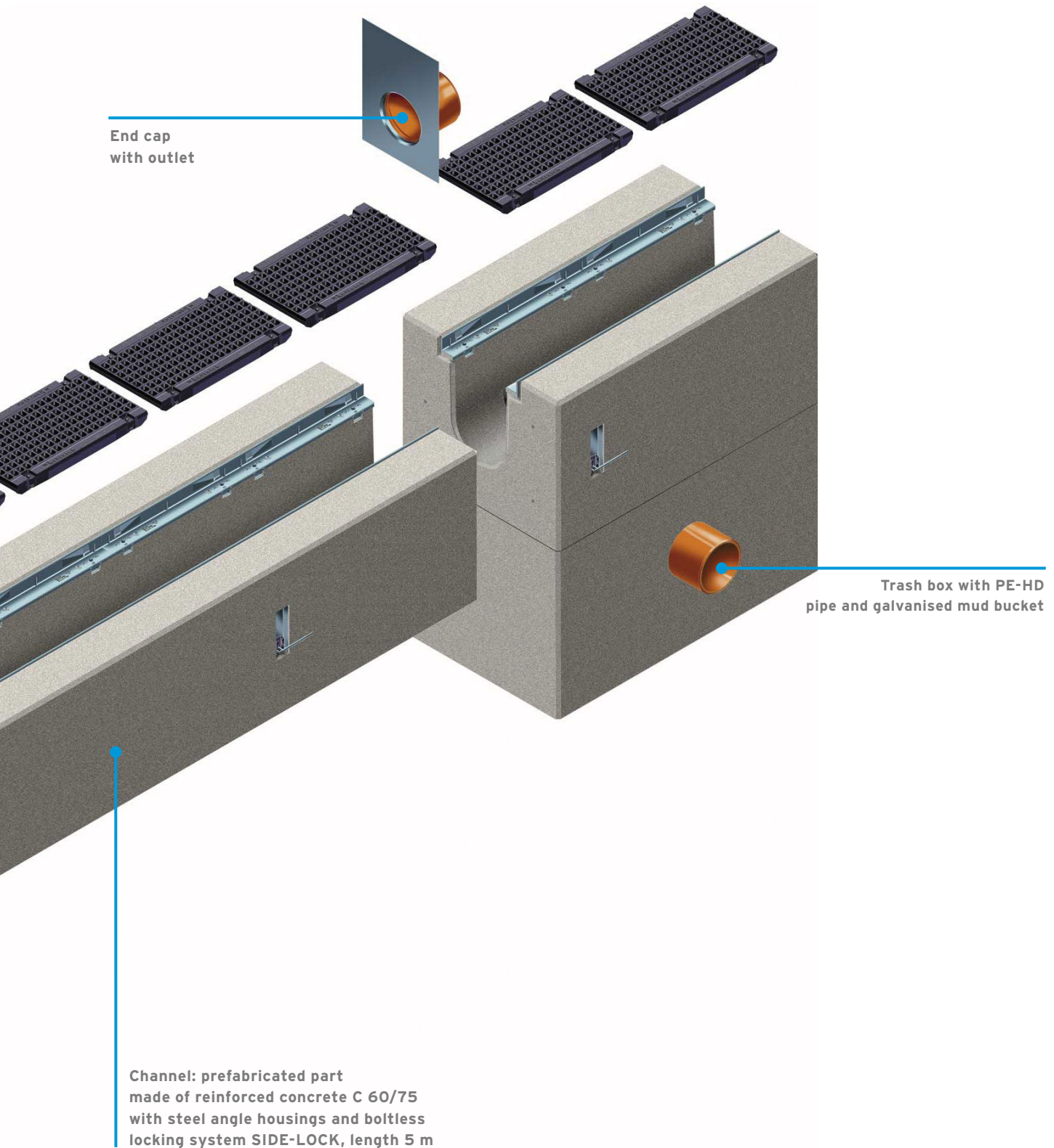
Surfaces exposed to very heavy wheel loads, e. g. airport areas.

If in doubt, always select the higher class.

Grating made of ductile iron
EN-GJS-500-7, SW 20, black,
8-fold bolted and 8-fold
SIDE-LOCK per metre

End cap
without outlet





FASERFIX®SUPER

FASERFIX®KS

FASERFIX®BIG SLG

FASERFIX®BIG BL

RECYFIX®PLUS X

RECYFIX®NC

RECYFIX®MONOTEC

RECYFIX®HICAP®F

FASERFIX®POINT KS

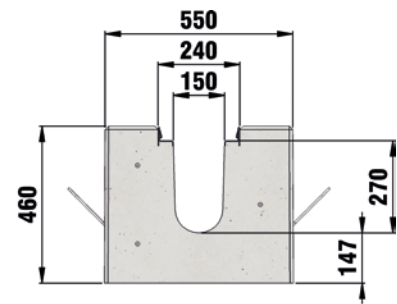
SERVICE CHANNEL

FASERFIX®BIG BL 150

Channels

FASERFIX®BIG BL 150 up to class F 900

Type 020



	Length mm	Width mm	Height mm	Internal channel cross-sect. cm ²	Weight kg	Item No.
Type 020	4000	550	460	383	2010,00	2744

FASERFIX®BIG BL 150

Gratings

FASERFIX®BIG BL 150, class D 400



Ductile iron grating,
SW 150/18 mm, black,
with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
Ductile iron grating, SW 150/18 mm, black, with plastic caps	500	229	40	624	7,50	2463

* Not for use across the carriageway of highways or motorways in moving traffic.

FASERFIX®BIG BL 150, class E 600



GUGI-Ductile iron mesh grating,
MW 15/25 mm, black,
with plastic caps



Solid ductile iron cover,
black, with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
GUGI-Ductile iron mesh grating, MW 15/25 mm, black, with plastic caps	500	229	40	628	11,50	2068
Solid ductile iron cover, black, with plastic caps	500	229	40	-	10,70	2262

FASERFIX®SUPER

FASERFIX®KS

FASERFIX®BIG SLG

FASERFIX®BIG BL

RECYFIX®PLUS X

RECYFIX®NC

RECYFIX®MONOTEC

RECYFIX®HICAP®F

FASERFIX®POINT KS

SERVICE CHANNEL

FASERFIX®BIG BL 150

Gratings

FASERFIX®BIG BL 150, class F 900



Ductile iron grating
SW 20 mm, black,
with plastic caps



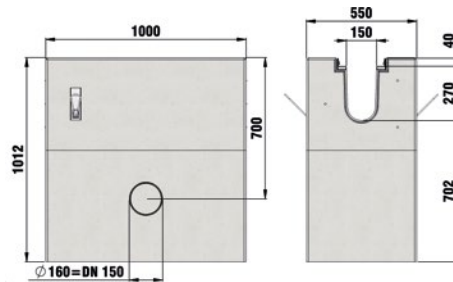
Ductile iron grating
SW 20 mm, KTL-coated,
with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
Ductile iron grating SW 20 mm, black, with plastic caps	500	229	40	710	9,90	2061
Ductile iron grating SW 20 mm, KTL-coated, with plastic caps	500	229	40	710	9,90	2861

FASERFIX®BIG BL 150

Accessories

Trash boxes



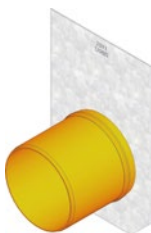
Trash box element
with PVC-U socket DN/OD 160
and galvanised bucket

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box element with PVC-U socket DN/OD 160 and galvanised bucket	1000	550	1012	640,00	2755

End caps



End cap closed, galvanised,
type 020



End cap with horizontal
PVC-U pipe outlet DN/OD 160,
galvanised, type 020

	Length mm	Width mm	Height mm	Weight kg	Item No.
End cap closed, galvanised, type 020	-	240	369	1,40	2083
End cap with horizontal PVC-U pipe outlet DN/OD 160, galvanised, type 020	-	240	369	1,70	2093
End cap made of stainless steel with PE-HD outlet DN/OD 160 for type 020	-	550	460	4,80	2797

FASERFIX®SUPER

FASERFIX®KS

FASERFIX®BIG SLG

FASERFIX®BIG BL

RECYFIX®PLUS X

RECYFIX®NC

RECYFIX®MONOTEC

RECYFIX®HICAP®F

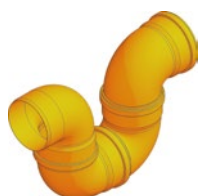
FASERFIX®POINT KS

SERVICE CHANNEL

FASERFIX®BIG BL 150

Accessories

Further accessories



Foul air trap DN/OD 160



Primer Sikaflex 215,
1000 ml

	Length mm	Width mm	Height mm	Weight kg	Item No.
Foul air trap DN/OD 160	584	160	439	2,00	960
Sealing material Sikaflex Tank N, poly-tube bag 600 ml**	-	-	-	1,00	19050
Primer Sikaflex 215, 1000 ml	-	-	-	1,00	19055

**** Consumption of sealing material: approx. 117 ml per joint.**

FASERFIX®BIG BL 150

Factory-made services



Cutting to length



Mitre cuts (price per cut, two cuts necessary)



Drilling of connection holes



Inserting of PVC union connectors

	Length mm	Width mm	Height mm	Weight kg	Item No.
Cutting to length	-	-	-	-	891
Mitre cuts (price per cut, two cuts necessary)	-	-	-	-	892
Drilling of connection holes	-	-	-	-	893
Inserting of PVC union connectors	-	-	-	-	894

FASERFIX®SUPER

FASERFIX®KS

FASERFIX®BIG SLG

FASERFIX®BIG BL

RECYFIX®PLUS X

RECYFIX®NC

RECYFIX®MONOTEC

RECYFIX®HICAP®F

FASERFIX®POINT KS

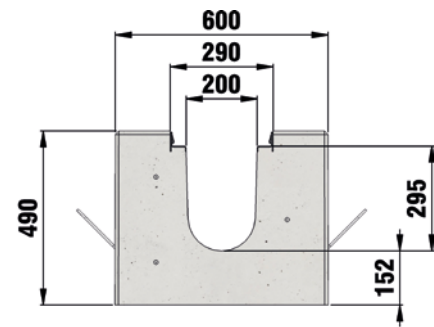
SERVICE CHANNEL

FASERFIX®BIG BL 200

Channels

FASERFIX®BIG BL 200 up to class F 900

Type 020



	Length mm	Width mm	Height mm	Internal channel cross-sect. cm ²	Weight kg	Item No.
Type 020	4000	600	490	539	2148,00	3744

The quality of stainless steel material corresponds to CNS 1.4301 or CNS 1.4307.

FASERFIX®BIG BL 200

Gratings

FASERFIX®BIG BL 200, class D 400



Ductile iron grating,
SW 170/18 mm, black,
with plastic caps



Ductile iron grating,
SW 170/18 mm, black,
KTL-coated, with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
Ductile iron grating, SW 170/18 mm, black, with plastic caps	500	279	40	732	9,30	3463
Ductile iron grating, SW 170/18 mm, black, KTL-coated, with plastic caps	500	279	40	732	9,30	3483

* Not for use across the carriageway of highways or motorways in moving traffic.

FASERFIX®BIG BL 200, class E 600



GUGI-Ductile iron mesh grating
MW 15/25 mm, black,
with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
GUGI-Ductile iron mesh grating MW 15/25 mm, black, with plastic caps	500	279	40	818	12,70	3068
GUGI-Ductile iron mesh grating, MW 15/25 mm, KTL-coated, with plastic caps	500	279	40	818	12,60	3868

FASERFIX®SUPER

FASERFIX®KS

FASERFIX®BIG SLG

FASERFIX®BIG BL

RECYFIX®PLUS X

RECYFIX®NC

RECYFIX®MONOTEC

RECYFIX®HICAP®F

FASERFIX®POINT KS

SERVICE CHANNEL

FASERFIX®BIG BL 200

Gratings

FASERFIX®BIG BL 200, class F 900



Ductile iron grating
SW 20 mm, black,
with plastic caps



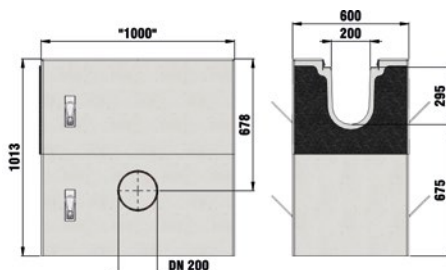
Ductile iron grating
SW 20 mm, KTL-coated,
with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
Ductile iron grating SW 20 mm, black, with plastic caps	500	279	40	833	13,60	3061
Ductile iron grating SW 20 mm, KTL-coated, with plastic caps	500	279	40	833	13,70	3861

FASERFIX®BIG BL 200

Accessories

Trash boxes



Trash box element
with PVC-U socket DN/OD 200
and galvanised bucket

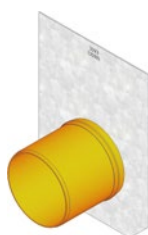
	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box element with PVC-U socket DN/OD 200 and galvanised bucket	1000	600	1013	680,00	3755

The quality of stainless steel material corresponds to CNS 1.4301 or CNS 1.4307.

End caps



End cap closed, galvanised,
type 020



End cap with horizontal
PVC-U pipe outlet DN/OD 160,
galvanised, type 020

	Length mm	Width mm	Height mm	Weight kg	Item No.
End cap closed, galvanised, type 020	-	290	400	1,90	3083
End cap with horizontal PVC-U pipe outlet DN/OD 160, galvanised, type 020	-	290	400	1,80	3093
End cap made of stainless steel with PE-HD outlet DN/OD 200 for type 020	-	600	490	5,50	3793

The quality of stainless steel material corresponds to CNS 1.4301 or CNS 1.4307.

FASERFIX®SUPER

FASERFIX®KS

FASERFIX®BIG SLG

FASERFIX®BIG BL

RECYFIX®PLUS X

RECYFIX®NC

RECYFIX®MONOTEC

RECYFIX®HICAP®F

FASERFIX®POINT KS

SERVICE CHANNEL

FASERFIX®BIG BL 200

Accessories

Further accessories



Primer Sikaflex 215,
1000 ml

	Length mm	Width mm	Height mm	Weight kg	Item No.
Sealing material Sikaflex Tank N, poly-tube bag 600 ml**	-	-	-	1,00	19050
Primer Sikaflex 215, 1000 ml	-	-	-	1,00	19055

**** Consumption of sealing material: approx. 125 ml per joint.**

FASERFIX®BIG BL 200

Factory-made services



Cutting to length



Mitre cuts (price per cut, two cuts necessary)



Drilling of connection holes



Inserting of PVC union connectors

	Length mm	Width mm	Height mm	Weight kg	Item No.
Cutting to length	-	-	-	-	891
Mitre cuts (price per cut, two cuts necessary)	-	-	-	-	892
Drilling of connection holes	-	-	-	-	893
Inserting of PVC union connectors	-	-	-	-	894

FASERFIX®SUPER

FASERFIX®KS

FASERFIX®BIG SLG

FASERFIX®BIG BL

RECYFIX®PLUS X

RECYFIX®NC

RECYFIX®MONOTEC

RECYFIX®HICAP®F

FASERFIX®POINT KS

SERVICE CHANNEL

FASERFIX®BIG BL 300

Channels

FASERFIX®BIG BL 300, up to load class F 900

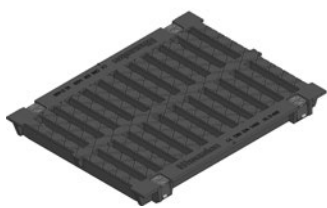
	Length mm	Width mm	Height mm	Internal channel cross-sect. cm ²	Weight kg	Item No.
Type 020	4000	-	-	-	-	34744

The quality of stainless steel material corresponds to CNS 1.4301 or CNS 1.4307.

FASERFIX®BIG BL 300

Gratings

FASERFIX®BIG BL 300, class D 400*



Ductile iron grating,
SW 2 x 136/18 mm, black,
with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
Ductile iron grating, SW 2 x 136/18 mm, black, with plastic caps	500	377	40	1150	16,90	4563
Ductile iron grating, SW 2 x 136/18 mm, KTL-coated, with plastic caps	500	377	40	1150	16,90	4543

* Not for use across the carriageway of highways or motorways in moving traffic.

FASERFIX®BIG BL 300, class E 600



GUGI-Ductile iron mesh grating
MW 15/25 mm, black,
with plastic caps



Solid ductile iron cover,
black, with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
GUGI-Ductile iron mesh grating MW 15/25 mm, black, with plastic caps	500	377	40	1172	21,80	4068
GUGI-Ductile iron mesh grating MW 15/25 mm, black, KTL-coated, with plastic caps	500	377	40	1172	22,50	4868
Solid ductile iron cover, black, with plastic caps	500	377	40	-	20,70	4262

FASERFIX®SUPER

FASERFIX®KS

FASERFIX®BIG SLG

FASERFIX®BIG BL

RECYFIX®PLUS X

RECYFIX®NC

RECYFIX®MONOTEC

RECYFIX®HICAP®F

FASERFIX®POINT KS

SERVICE CHANNEL

FASERFIX®BIG BL 300

Gratings

FASERFIX®BIG BL 300, class F 900



Ductile iron grating,
SW 2 x 136/20 mm, black,
with plastic caps

	Length mm	Width mm	Height mm	Intake cross-sect. cm ² /m	Weight kg	Item No.
Ductile iron grating, SW 2 x 136/20 mm, black, with plastic caps	500	377	40	1334	23,20	4061
Ductile iron grating, SW 2 x 136/20 mm, KTL-coated, with plastic caps	500	377	40	1334	23,20	4861

FASERFIX®BIG BL 300

Accessories

Trash boxes

	Length mm	Width mm	Height mm	Weight kg	Item No.
Trash box, 2-part, with galvanised angle housing, with KG socket DN/OD 315 concreted into the sides	1000	-	-	-	34755

The quality of stainless steel material corresponds to CNS 1.4301 or CNS 1.4307.

End caps



End cap closed, galvanised,
type 020

	Length mm	Width mm	Height mm	Weight kg	Item-No. galvanised	Item-No. stainless steel
End cap closed, galvanised, type 020	-	680	575	6,30	4783	4784

The quality of stainless steel material corresponds to CNS 1.4301 or CNS 1.4307.

FASERFIX®SUPER

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RECYFIX®HICAP®F

FASERFIX®POINT KS

SERVICE CHANNEL

FASERFIX®BIG BL 300

Accessories

Further accessories



Primer Sikaflex 215,
1000 ml

	Length mm	Width mm	Height mm	Weight kg	Item No.
Sealing material Sikaflex Tank N, poly-tube bag 600 ml**	-	-	-	1,00	19050
Primer Sikaflex 215, 1000 ml	-	-	-	1,00	19055

**** Consumption of sealing material: approx. 159 ml per joint.**

FASERFIX®BIG BL 300

Factory-made services



Cutting to length



Mitre cuts (price per cut, two cuts necessary)



Drilling of connection holes



Inserting of PVC union connectors

	Length mm	Width mm	Height mm	Weight kg	Item No.
Cutting to length	-	-	-	-	891
Mitre cuts (price per cut, two cuts necessary)	-	-	-	-	892
Drilling of connection holes	-	-	-	-	893
Inserting of PVC union connectors	-	-	-	-	894

FASERFIX®SUPER

FASERFIX®KS

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SERVICE CHANNEL