



4.2 Project drains

Floor drains with versatile properties

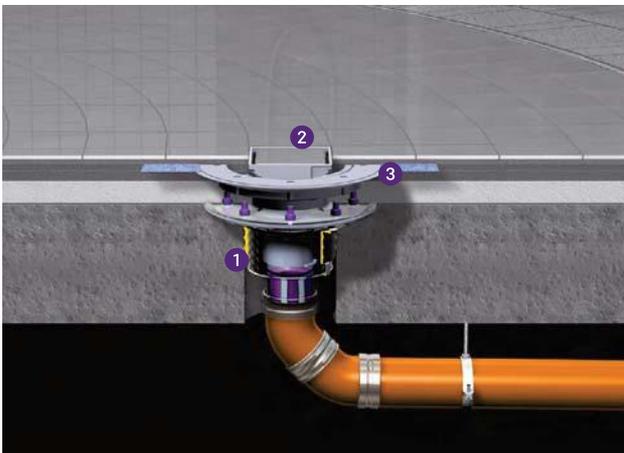


Floor/roof drain

Ecoguss

The innovative solution for industrial applications.

An innovation, which sets standards: For our floor/roof drain *Ecoguss* we use the especially developed composite material of the same name, which combines the specific advantages of polymer and metal. The *Ecoguss* is therefore an economic and easy to install alternative to drains made of cast iron. At the same time, it offers enormous advantages with regard to hygiene as well as fire protection and sound insulation and is therefore particularly suitable for public buildings such as hotels, hospitals or swimming pools.



- 1 Drainbody *Ecoguss*
- 2 "Invisible" drain cover
- 3 *Variofix* upper section with shallow waterproofing flange



The best of both worlds:

project drains made of *Ecoguss*

Resistance, convenience, cleanliness – all these are offered by *Ecoguss* – our high-tech composite. It is three times lighter than cast iron and at the same time it is temperature resistant as well as being highly resistant to chemical exposure and mechanical loads. In addition, *Ecoguss* does not corrode (rust) and is extremely hygienic – thanks to its smooth, coating-free surface. *Ecoguss* drains can be installed without time-consuming electrical grounding work and are also suitable for connection to SML (flanged) pipes.



Variable upper sections

Extremely flexible: our rotatable, tiltable and height-adjustable upper sections. The shallow bed *Variofix* upper section also allows the cover to be moved and thus adapted to the tile pattern.

Highest fire protection standards

Fire-Kit and Quick-Fit

➤ Fire protection: page 239

With our modular system 125, we provide numerous possible combinations for our project drains.

➤ Upper sections: Page 236

➤ Drain body: Page 236

➤ Further accessories: Page 238

Ecoguss with pressure sealing flange

Matrix order system

System 125



Drain body

Ecoguss with pressure sealing flange

for connection to SML-pipe,
with odour trap.
Drainage capacity in l/sec
with 20 mm / 10 mm threshold
see table*
Sealing water height 50 mm

➔ **Modular system**
see pages 236 – 237

Upper sections

Shallow bed upper section in ABS
with enclosed waterproofing membrane

Slotted cover
138 × 138 mm
and rim in stainless
steel AISI 304,
class K 3,
screwed



Art. no. **48 963**

Design cover Kessel
120 × 120 mm
and rim in stainless
steel AISI 304,
class L 15,
Lock & Lift locking
system



Art. no. **48 904**

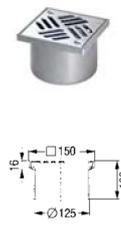
Upper section in ABS

Design cover Kessel
120 × 120 mm
and rim in stainless
steel AISI 304,
class L 15,
Lock & Lift locking
system



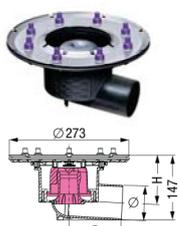
Art. no. **48 201**

Slotted cover
138 × 138 mm
in stainless steel
AISI 304, class K 3,
screwed



Art. no. **48 950**

Drain body with lateral outlet



Ø	H	B
58	120	245
78	109	134
83	108	134
110	92	148

Ø 58 Art. no. **48 758**

Ø 78 Art. no. **48 778**

Ø 83 Art. no. **48 783**

Ø 110 Art. no. **48 711**

Complete drain comprising a combination of the upper section and drain body

Art. no. **48 758.51**

Drainage capacity* 1.6 / 1.2

Art. no. **48 758.53**

Drainage capacity* 1.6 / 1.2

Art. no. **48 758.63**

Drainage capacity* 1.4 / 1.0

Art. no. **48 758.11**

Drainage capacity* 1.4 / 1.0

Art. no. **48 778.51**

Drainage capacity* 1.5 / 1.2

Art. no. **48 778.53**

Drainage capacity* 1.5 / 1.2

Art. no. **48 778.63**

Drainage capacity* 1.3 / 1.1

Art. no. **48 778.11**

Drainage capacity* 1.3 / 1.1

Art. no. **48 783.51**

Drainage capacity* 1.6 / 1.2

Art. no. **48 783.53**

Drainage capacity* 1.6 / 1.2

Art. no. **48 783.63**

Drainage capacity* 1.4 / 1.1

Art. no. **48 783.11**

Drainage capacity* 1.4 / 1.1

Art. no. **48 711.51**

Drainage capacity* 1.7 / 1.0

Art. no. **48 711.53**

Drainage capacity* 1.7 / 1.0

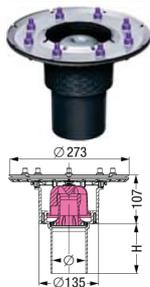
Art. no. **48 711.63**

Drainage capacity* 1.5 / 1.0

Art. no. **48 711.11**

Drainage capacity* 1.6 / 1.0

Drain body with vertical outlet



Ø	H
58	100
78	110
83	110
110	110

Ø 58 Art. no. **48 858**

Ø 78 Art. no. **48 878**

Ø 83 Art. no. **48 883**

Ø 110 Art. no. **48 811**

Complete drain comprising a combination of the upper section and drain body

Art. no. **48 858.51**

Drainage capacity* 2.1 / 1.3

Art. no. **48 858.53**

Drainage capacity* 2.1 / 1.3

Art. no. **48 858.63**

Drainage capacity* 1.9 / 1.0

Art. no. **48 858.11**

Drainage capacity* 1.9 / 1.0

Art. no. **48 878.51**

Drainage capacity* 2.1 / 1.0

Art. no. **48 878.53**

Drainage capacity* 2.1 / 1.0

Art. no. **48 878.63**

Drainage capacity* 1.9 / 1.0

Art. no. **48 878.11**

Drainage capacity* 1.9 / 1.0

Art. no. **48 883.51**

Drainage capacity* 2.1 / 1.0

Art. no. **48 883.53**

Drainage capacity* 2.1 / 1.0

Art. no. **48 883.63**

Drainage capacity* 1.9 / 1.0

Art. no. **48 883.11**

Drainage capacity* 1.9 / 1.0

Art. no. **48 811.51**

Drainage capacity* 2.1 / 1.0

Art. no. **48 811.53**

Drainage capacity* 2.1 / 1.0

Art. no. **48 811.63**

Drainage capacity* 1.9 / 1.0

Art. no. **48 811.11**

Drainage capacity* 2.0 / 1.0

Ecoguss with glue flange

Matrix order system

System 125



Drain body

Ecoguss with glue flange

for connection to SML-pipe,
with odour trap.
Drainage capacity in l/sec
with 20 mm / 10 mm threshold
see table*
Sealing water height 50 mm

Modular system

see pages 236 – 237

Upper sections

Shallow bed upper section in ABS

with enclosed waterproofing membrane

Slotted cover

138 × 138 mm
and rim in stainless
steel AISI 304,
class K 3,
screwed



Art. no. **48 963**

Design cover Kessel

120 × 120 mm
and rim in stainless
steel AISI 304,
class L 15,
Lock & Lift locking
system



Art. no. **48 904**

Upper section in ABS

Design cover Kessel

120 × 120 mm
and rim in stainless
steel AISI 304,
class L 15,
Lock & Lift locking
system



Art. no. **48 201**

Slotted cover

138 × 138 mm
in stainless steel
AISI 304, class K 3,
screwed



Art. no. **48 950**

Drain body with lateral outlet



Ø	H	B
58	120	245
78	107	134
83	106	134
110	90	148

Ø 58 Art. no. **48 558**

Ø 78 Art. no. **48 578**

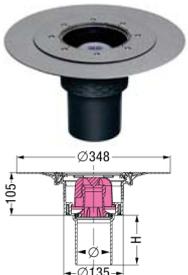
Ø 83 Art. no. **48 583**

Ø 110 Art. no. **48 511**

Complete drain comprising a combination of the upper section and drain body

Art. no.	48 558.51	Art. no.	48 558.53	Art. no.	48 558.63	Art. no.	48 558.11
Drainage capacity*	1.6 / 1.3	Drainage capacity*	1.5 / 1.2	Drainage capacity*	1.4 / 1.0	Drainage capacity*	1.4 / 1.0
Art. no.	48 578.51	Art. no.	48 578.53	Art. no.	48 578.63	Art. no.	48 578.11
Drainage capacity*	1.6 / 1.2	Drainage capacity*	1.5 / 1.2	Drainage capacity*	1.4 / 1.1	Drainage capacity*	1.4 / 1.1
Art. no.	48 583.51	Art. no.	48 583.53	Art. no.	48 583.63	Art. no.	48 583.11
Drainage capacity*	1.6 / 1.2	Drainage capacity*	1.5 / 1.2	Drainage capacity*	1.4 / 1.1	Drainage capacity*	1.4 / 1.1
Art. no.	48 511.51	Art. no.	48 511.53	Art. no.	48 511.63	Art. no.	48 511.11
Drainage capacity*	1.8 / 1.0	Drainage capacity*	1.8 / 1.0	Drainage capacity*	1.6 / 1.0	Drainage capacity*	1.6 / 1.0

Drain body with vertical outlet



Ø	H
58	100
78	110
83	110
110	110

Ø 58 Art. no. **48 658**

Ø 78 Art. no. **48 678**

Ø 83 Art. no. **48 683**

Ø 110 Art. no. **48 611**

Complete drain comprising a combination of the upper section and drain body

Art. no.	48 658.51	Art. no.	48 658.53	Art. no.	48 658.63	Art. no.	48 658.11
Drainage capacity*	2.2 / 1.3	Drainage capacity*	2.2 / 1.3	Drainage capacity*	2.0 / 1.0	Drainage capacity*	2.0 / 1.0
Art. no.	48 678.51	Art. no.	48 678.53	Art. no.	48 678.63	Art. no.	48 678.11
Drainage capacity*	2.1 / 1.0	Drainage capacity*	2.1 / 1.0	Drainage capacity*	2.0 / 1.0	Drainage capacity*	2.0 / 1.0
Art. no.	48 683.51	Art. no.	48 683.53	Art. no.	48 683.63	Art. no.	48 683.11
Drainage capacity*	2.1 / 1.0	Drainage capacity*	2.1 / 1.0	Drainage capacity*	2.0 / 1.0	Drainage capacity*	2.0 / 1.0
Art. no.	48 611.51	Art. no.	48 611.53	Art. no.	48 611.63	Art. no.	48 611.11
Drainage capacity*	2.2 / 1.0	Drainage capacity*	2.2 / 1.0	Drainage capacity*	2.0 / 1.0	Drainage capacity*	2.0 / 1.0

Ecoguss with connection flange

Matrix order system

System 125



Drain body

Ecoguss with connection flange

for connection to SML-pipe,
with odour trap.
Drainage capacity in l/sec
with 20 mm / 10 mm threshold
see table*
Sealing water height 50 mm

➔ **Modular system**
see pages 236 – 237

Upper sections

Shallow bed upper section in ABS
with enclosed waterproofing membrane

Slotted cover
138 × 138 mm
and rim in stainless
steel AISI 304,
class K 3,
screwed



Art. no. **48 963**

Design cover Kessel
120 × 120 mm
and rim in stainless
steel AISI 304,
class L 15,
Lock & Lift locking
system



Art. no. **48 904**

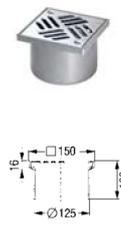
Upper section in ABS

Design cover Kessel
120 × 120 mm
and rim in stainless
steel AISI 304,
class L 15,
Lock & Lift locking
system



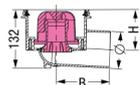
Art. no. **48 201**

Slotted cover
138 × 138 mm
in stainless steel
AISI 304, class K 3,
screwed



Art. no. **48 950**

Drain body with lateral outlet



Ø	H	B
58	120	245
78	109	134
83	108	134
110	92	148

Ø 58 Art. no. **48 358**

Ø 78 Art. no. **48 378**

Ø 83 Art. no. **48 383**

Ø 110 Art. no. **48 311**

Complete drain comprising a combination of the upper section and drain body

Art. no. **48 358.51**

Drainage capacity* 1.6 / 1.3

Art. no. **48 358.53**

Drainage capacity* 1.5 / 1.2

Art. no. **48 358.63**

Drainage capacity* 1.4 / 1.0

Art. no. **48 358.11**

Drainage capacity* 1.4 / 1.0

Art. no. **48 378.51**

Drainage capacity* 1.6 / 1.2

Art. no. **48 378.53**

Drainage capacity* 1.5 / 1.2

Art. no. **48 378.63**

Drainage capacity* 1.4 / 1.1

Art. no. **48 378.11**

Drainage capacity* 1.4 / 1.1

Art. no. **48 383.51**

Drainage capacity* 1.6 / 1.2

Art. no. **48 383.53**

Drainage capacity* 1.5 / 1.2

Art. no. **48 383.63**

Drainage capacity* 1.4 / 1.1

Art. no. **48 383.11**

Drainage capacity* 1.4 / 1.1

Art. no. **48 311.51**

Drainage capacity* 1.7 / 1.2

Art. no. **48 311.53**

Drainage capacity* 1.6 / 1.0

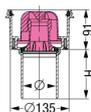
Art. no. **48 311.63**

Drainage capacity* 1.5 / 1.2

Art. no. **48 311.11**

Drainage capacity* 1.6 / 1.1

Drain body with vertical outlet



Ø	H
58	100
78	110
83	110
110	110

Ø 58 Art. no. **48 458**

Ø 78 Art. no. **48 478**

Ø 83 Art. no. **48 483**

Ø 110 Art. no. **48 411**

Complete drain comprising a combination of the upper section and drain body

Art. no. **48 458.51**

Drainage capacity* 2.2 / 1.3

Art. no. **48 458.53**

Drainage capacity* 2.2 / 1.3

Art. no. **48 458.63**

Drainage capacity* 2.0 / 1.0

Art. no. **48 458.11**

Drainage capacity* 2.0 / 1.0

Art. no. **48 478.51**

Drainage capacity* 2.1 / 1.0

Art. no. **48 478.53**

Drainage capacity* 2.1 / 1.0

Art. no. **48 478.63**

Drainage capacity* 2.0 / 1.0

Art. no. **48 478.11**

Drainage capacity* 2.0 / 1.0

Art. no. **48 483.51**

Drainage capacity* 2.1 / 1.0

Art. no. **48 483.53**

Drainage capacity* 2.1 / 1.0

Art. no. **48 483.63**

Drainage capacity* 2.0 / 1.0

Art. no. **48 483.11**

Drainage capacity* 2.0 / 1.0

Art. no. **48 411.51**

Drainage capacity* 2.2 / 1.0

Art. no. **48 411.53**

Drainage capacity* 2.2 / 1.0

Art. no. **48 411.63**

Drainage capacity* 2.0 / 1.0

Art. no. **48 411.11**

Drainage capacity* 2.0 / 1.0

Floor/Roof drain *Ecoguss*

with *Variofix* shallow bed upper section and slotted cover in stainless steel AISI 304

System 125



Made in *Ecoguss*

For connection to SML-pipe according to DIN 19522, with removable odour trap, vertical outlet, with lip seal.

With enclosed waterproofing membrane (articles with *Variofix* shallow bed upper section)

Drainage capacity in l/sec with 20 mm / 10 mm threshold

- Ø 58: 2.2 l/sec / 1.3 l/sec
- Ø 78: 2.1 l/sec / 1.0 l/sec
- Ø 110: 2.2 l/sec / 1.0 l/sec

Sealing water height 50 mm.

Installation area 180×180 mm

With upper section in ABS

Cover:

Rim in stainless steel AISI 304 (articles with *Variofix* shallow bed upper section)

or ABS, slotted cover 138×138 mm in stainless steel AISI 304, screwed, class K 3



Illustration shows Art. no. 44 411.51

Outer diameter Ø (mm)

Art. no.

With *Variofix* shallow bed upper section

Ø 58 48 458.51

Ø 78 48 478.51

Ø 110 48 411.51

With connection flange and upper section in ABS

Ø 110 48 411.11

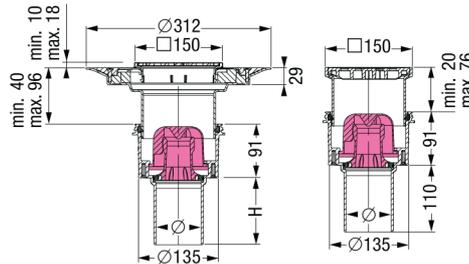


Illustration shows Art. no. 44 458.51, 44 478.51, 44 411.51

Illustration shows Art. no. 44 411.11



EN 1253-1

Floor/Roof drain *Ecoguss*

with *Variofix* shallow bed upper section and slotted cover in stainless steel AISI 304

System 125



Made in *Ecoguss*

With removable odour trap, sealing water height 50 mm, vertical outlet, with lip seal.

Drainage capacity in l/sec with 20 mm / 10 mm threshold

Ø 110: 2.2 l/sec / 1.0 l/sec.

Installation area 300×300 mm

With *Variofix* shallow bed upper section in ABS, with pressure sealing flange in stainless steel AISI 304 and with enclosed waterproofing membrane

Cover:

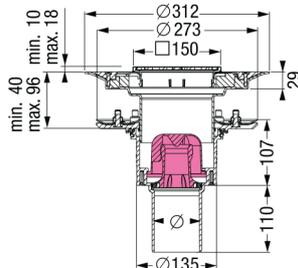
Slotted cover 138×138 mm and rim in stainless steel AISI 304, screwed, class K 3



Outer diameter Ø (mm)

Art. no.

Ø 110 48 811.51



EN 1253-1

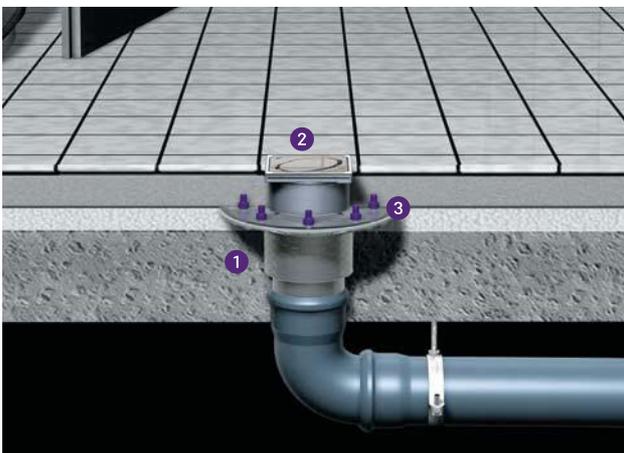
Floor drain

Practicus

Developed, manufactured and tested for commercial and industrial use.

Our project drain *Practicus* made of the high-quality polymer polypropylene (PP) is an easy to install alternative to drains made of metal. It also offers other advantages: For example, its rust-resistant and smooth surface prevents deposits and therefore ensures a strong self-cleaning effect. And thanks to its discharge rate of 1.8 l/s, it is also suitable for showers with particularly high water use. All this makes the *Practicus* a thoroughly robust solution with diverse possible uses in project drainage.

The *Practicus* is available with lateral or vertical outlet as well as in different outlet sizes from Ø 50 to Ø 110 mm.



- ① Drain body *Practicus*
- ② Upper section with cover
- ③ Pressure sealing flange for waterproofing layer

With our modular system 125, we provide numerous possible combinations for our project drains.

➤ Upper sections: Page 236

➤ Drain body: Page 236

➤ Further accessories: Page 238

Practicus with pressure sealing flange

Matrix order system

System 125



Drain body

Practicus with pressure sealing flange

in PP, with odour trap.
 Drainage capacity in l/sec
 with 20 mm / 10 mm threshold
 see table*
 Sealing water height 50 mm

➤ **Modular system**
 see pages 236 – 237

Upper sections

Shallow bed upper section in ABS

with enclosed waterproofing membrane

Slotted cover

138×138 mm
 and rim in stainless
 steel AISI 304,
 class K 3,
 screwed



Art. no. **48 963**

Design cover Kessel

120×120 mm
 and rim in stainless
 steel AISI 304,
 class L 15,
 Lock & Lift locking
 system



Art. no. **48 904**

Upper section in ABS

Design cover Kessel

120×120 mm
 and rim in stainless
 steel AISI 304,
 class L 15,
 Lock & Lift locking
 system



Art. no. **48 201**

Slotted cover

138×138 mm
 in stainless steel
 AISI 304, class K 3,
 screwed



Art. no. **48 950**

Drain body with lateral outlet

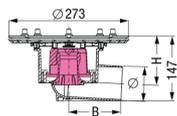
Complete drain comprising a combination of the upper section and drain body



Ø 50 Art. no. **45 159**

Art. no. **45 159.51** Art. no. **45 159.53** Art. no. **45 159.63** Art. no. **45 159.11**

Drainage capacity* 1.6 / 1.2 Drainage capacity* 1.6 / 1.2 Drainage capacity* 1.4 / 1.0 Drainage capacity* 1.4 / 1.0



Ø 75 Art. no. **45 179**

Art. no. **45 179.51** Art. no. **45 179.53** Art. no. **45 179.63** Art. no. **45 179.11**

Drainage capacity* 1.5 / 1.2 Drainage capacity* 1.5 / 1.2 Drainage capacity* 1.3 / 1.1 Drainage capacity* 1.3 / 1.1

Ø	H	B
50	120	245
75	107	134
110	90	148

Ø 110 Art. no. **45 119**

Art. no. **45 119.51** Art. no. **45 119.53** Art. no. **45 119.63** Art. no. **45 119.11**

Drainage capacity* 1.7 / 1.0 Drainage capacity* 1.7 / 1.0 Drainage capacity* 1.5 / 1.0 Drainage capacity* 1.6 / 1.0

Drain body with vertical outlet

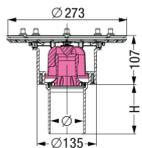
Complete drain comprising a combination of the upper section and drain body



Ø 50 Art. no. **45 259**

Art. no. **45 259.51** Art. no. **45 259.53** Art. no. **45 259.63** Art. no. **45 259.11**

Drainage capacity* 2.1 / 1.3 Drainage capacity* 2.1 / 1.3 Drainage capacity* 1.9 / 1.0 Drainage capacity* 1.9 / 1.0



Ø 75 Art. no. **45 279**

Art. no. **45 279.51** Art. no. **45 279.53** Art. no. **45 279.63** Art. no. **45 279.11**

Drainage capacity* 2.0 / 1.0 Drainage capacity* 2.1 / 1.0 Drainage capacity* 1.9 / 1.0 Drainage capacity* 1.9 / 1.0

Ø	H
50	100
75	110
110	110

Ø 110 Art. no. **45 219**

Art. no. **45 219.51** Art. no. **45 219.53** Art. no. **45 219.63** Art. no. **45 219.11**

Drainage capacity* 2.1 / 1.0 Drainage capacity* 2.1 / 1.0 Drainage capacity* 1.9 / 1.0 Drainage capacity* 2.0 / 1.0

Practicus with connection flange

Matrix order system

System 125



Drain body

Practicus with connection flange

in PP, with odour trap.
 Drainage capacity in l/sec
 with 20 mm / 10 mm threshold
 see table*
 Sealing water height 50 mm

➤ **Modular system**
 see pages 236 – 237

Upper sections

Shallow bed upper section in ABS
 with enclosed waterproofing membrane

Slotted cover

138 × 138 mm
 and rim in stainless
 steel AISI 304,
 class K 3,
 screwed



Art. no. **48 963**

Design cover Kessel

120 × 120 mm
 and rim in stainless
 steel AISI 304,
 class L 15,
 Lock & Lift locking
 system



Art. no. **48 904**

Upper section in ABS

Design cover Kessel

120 × 120 mm
 and rim in stainless
 steel AISI 304,
 class L 15,
 Lock & Lift locking
 system



Art. no. **48 201**

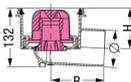
Slotted cover

138 × 138 mm
 in stainless steel
 AISI 304, class K 3,
 screwed



Art. no. **48 950**

Drain body with lateral outlet



Ø	H	B
50	120	245
75	109	134
110	92	148

Ø 50 Art. no. **45 150**

Ø 75 Art. no. **45 170**

Ø 110 Art. no. **45 110**

Complete drain comprising a combination of the upper section and drain body

Art. no. **45 150.51**

Drainage capacity* 1.6 / 1.3

Art. no. **45 150.53**

Drainage capacity* 1.5 / 1.2

Art. no. **45 150.63**

Drainage capacity* 1.4 / 1.0

Art. no. **45 150.11**

Drainage capacity* 1.4 / 1.0

Art. no. **45 170.51**

Drainage capacity* 1.6 / 1.2

Art. no. **45 170.53**

Drainage capacity* 1.5 / 1.2

Art. no. **45 170.63**

Drainage capacity* 1.4 / 1.1

Art. no. **45 170.11**

Drainage capacity* 1.4 / 1.1

Art. no. **45 110.51**

Drainage capacity* 1.7 / 1.2

Art. no. **45 110.53**

Drainage capacity* 1.6 / 1.0

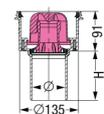
Art. no. **45 110.63**

Drainage capacity* 1.5 / 1.2

Art. no. **45 110.11**

Drainage capacity* 1.6 / 1.1

Drain body with vertical outlet



Ø	H
50	100
75	110
110	110

Ø 50 Art. no. **45 250**

Ø 75 Art. no. **45 270**

Ø 110 Art. no. **45 210**

Complete drain comprising a combination of the upper section and drain body

Art. no. **45 250.51**

Drainage capacity* 2.2 / 1.3

Art. no. **45 250.53**

Drainage capacity* 2.2 / 1.3

Art. no. **45 250.63**

Drainage capacity* 2.0 / 1.0

Art. no. **45 250.11**

Drainage capacity* 2.0 / 1.0

Art. no. **45 270.51**

Drainage capacity* 2.1 / 1.0

Art. no. **45 270.53**

Drainage capacity* 2.1 / 1.0

Art. no. **45 270.63**

Drainage capacity* 2.0 / 1.0

Art. no. **45 270.11**

Drainage capacity* 2.0 / 1.0

Art. no. **45 210.51**

Drainage capacity* 2.2 / 1.0

Art. no. **45 210.53**

Drainage capacity* 2.2 / 1.0

Art. no. **45 210.63**

Drainage capacity* 2.0 / 1.0

Art. no. **45 210.11**

Drainage capacity* 2.0 / 1.0

Floor drain *Practicus*

with slotted cover in ABS

System 125



Made in PP

With removable odour trap, sealing water height 50 mm, with lip seal.

Drainage capacity in l/sec

with 20 mm / 10 mm threshold

lateral outlet: 1.6 l/sec / 1.0 l/sec

vertical outlet: 2.0 l/sec / 1.0 l/sec.

Installation area:

lateral outlet: 220 × 180 mm

vertical outlet: 180 × 180 mm

With upper section in ABS

slotted cover 138 × 138 mm in ABS,

black, class K 3



Illustration shows Art. no. 45 110.40 (lateral outlet)

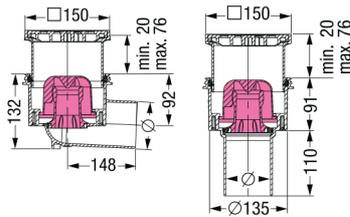


Illustration shows Art. no. 45 110.40 (lateral outlet)

Illustration shows Art. no. 45 210.40 (vertical outlet)

Outer diameter Ø (mm)

Art. no.

Lateral outlet

Ø 110

45 110.40

Vertical outlet

Ø 110

45 210.40



EN 1253-1

Floor drain *Practicus*

with slotted cover in stainless steel AISI 304

System 125



Made in PP

With removable odour trap, sealing water height 50 mm, vertical outlet, with lip seal.

Drainage capacity in l/sec

with 20 mm / 10 mm threshold

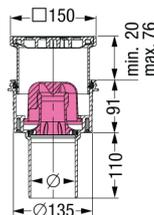
Ø 110: 2.0 l/sec / 1.0 l/sec.

Installation area 180 × 180 mm

With upper section in ABS,

slotted cover 138 × 138 mm in stainless

steel AISI 304, screwed, class K 3



Outer diameter Ø (mm)

Art. no.

Ø 110

45 210.11



EN 1253-1

Floor drain *Practicus*

with slotted cover in stainless steel AISI 304

System 125



Made in PP

With removable odour trap, sealing water height 50 mm, vertical outlet, with lip seal.

Drainage capacity in l/sec

with 20 mm / 10 mm threshold

Ø 110: 2.0 l/sec / 1.0 l/sec.

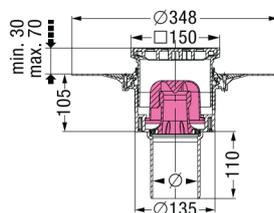
Installation area 350 × 350 mm

With upper section in ABS,

with glue flange and counter flange,

slotted cover 138 × 138 mm in stainless

steel AISI 304, screwed, class K 3



Outer diameter Ø (mm)

Art. no.

Ø 110

45 218.11



EN 1253-1

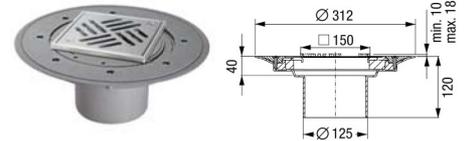
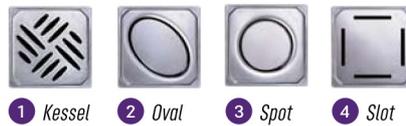
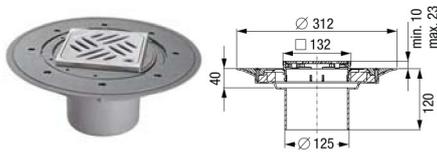
Modular system 125

Ecoguss and Practicus

System 125

Variofix shallow bed upper sections

with covers in stainless steel



with design cover

in stainless steel AISI 304 or AISI 316L

Material: ABS, rim in stainless steel

Class: L 15 (*Kessel, Oval*) / K 3 (*Spot, Slot*)

Tile thickness: 8 – 21 mm

Cover: 120×120 mm

Anti-slip class design cover *Kessel*:

R9 according to DIN 51130;

C according to DIN 51097

Inclusive: Waterproofing membrane

Cover	Art. no.	Cover	Art. no.
with <i>Lock & Lift</i> System		without <i>Lock & Lift</i> System	
1	AISI 304 48 904	1	AISI 304 48 625
2	AISI 304 48 905	2	AISI 304 48 626
3	AISI 304 48 621	3	AISI 304 48 620
4	AISI 304 48 619	4	AISI 304 48 618
1	AISI 316L 48 204	2	AISI 316L 48 670
2	AISI 316L 48 669		

with slotted cover

in stainless steel AISI 304 or AISI 316L

Material: ABS, rim in stainless steel

Class: K 3

Tile thickness: 8 – 16 mm

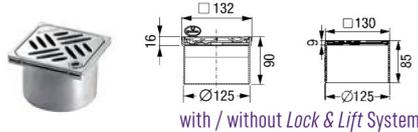
Cover: 138×138 mm, screwed

Inclusive: Waterproofing membrane

AISI 304 Art. no. 48 963
AISI 316L Art. no. 48 206

Upper sections

with covers in stainless steel



mit Designrost

in stainless steel AISI 304 or AISI 316L

Material: ABS, rim in stainless steel

Class: L 15 (*Kessel, Oval*) / K 3 (*Spot, Slot*)

Cover: 120×120 mm

Anti-slip class design cover *Kessel*:

R9 according to DIN 51130;

C according to DIN 51097

Cover	Art. no.	Cover	Art. no.
with <i>Lock & Lift</i> System		without <i>Lock & Lift</i> System	
1	AISI 304 48 201	1	AISI 304 48 225
2	AISI 304 48 202	2	AISI 304 48 226
3	AISI 304 48 221	3	AISI 304 48 220
4	AISI 304 48 219	4	AISI 304 48 218
1	AISI 316L 48 203	2	AISI 316L 48 228
2	AISI 316L 48 227		

with slotted cover

in stainless steel AISI 304

Material: ABS

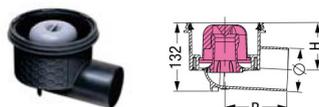
Class: K 3

Cover: 120×120 mm

AISI 304 Art. no. 48 165

Drain body *Ecoguss*

with removable odour trap*



with connection flange, lateral outlet

Material: *Ecoguss*

Sealing water height: 50 mm

Ø 58	B×H 245×120 mm	Art. no. 48 358
Ø 78	B×H 134×109 mm	Art. no. 48 378
Ø 83	B×H 134×108 mm	Art. no. 48 383
Ø 110	B×H 148×92 mm	Art. no. 48 311

with connection flange, vertical outlet

Material: *Ecoguss*

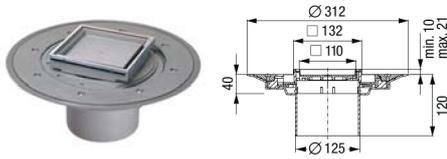
Sealing water height: 50 mm

Ø 58	H 100 mm	Art. no. 48 458
Ø 78	H 110 mm	Art. no. 48 478
Ø 83	H 110 mm	Art. no. 48 483
Ø 110	H 110 mm	Art. no. 48 411

*The *Linearis Comfort* and *Linearis Compact* shower channels already include an odour trap. For this reason, the odour trap must be removed from all drain bodies during installation.

Variofix shallow bed upper sections

with covers in stainless steel



with recessed polymer cover

for on-site tiling

Material: ABS, rim in stainless steel AISI 304 or AISI 316L

Class: K 3

Tile thickness: 8 – 21 mm

Cover: 110×110 mm (polymer)

Inclusive: Waterproofing membrane

AISI 304 Art. no. **48 906**

AISI 316L Art. no. **48 208**

Upper sections

for PVC floorings



with cover in stainless steel AISI 304

Material: Stainless steel AISI 304

Class: L 15

Tile thickness: 1 – 4 mm

Cover: Ø 133 mm, screwed

Note: Not in combination with drain bodies

The Ultraflat and Multistop (Art. no. 48 500).

Custom made product: Delivery time on request

AISI 304 Art. no. **59 192**

Upper sections

with covers in stainless steel and polymer



with slotted cover

in stainless steel AISI 304 or AISI 316L

Material: ABS, rim in stainless steel

Class: L 15

Cover: 138×138 mm, screwed

AISI 304 Art. no. **48 951**

AISI 316L Art. no. **48 205**

with slotted cover

in stainless steel AISI 304 / 316L or ABS

Material: ABS

Class: K 3

Cover: 138×138 mm, screwed (only in stainless steel)

AISI 304 Art. no. **48 950**

AISI 316L Art. no. **48 209**

ABS Art. no. **48 193**, black

with tileable cover

made of polymer

Material: ABS, rim in stainless steel

AISI 304 / 316L or polymer

Class: K 3

Cover: 110×110 mm

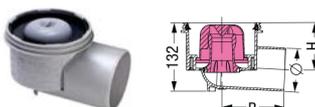
AISI 304 Art. no. **48 211**, rim in stainless steel

AISI 316L Art. no. **48 207**, rim in stainless steel

ABS Art. no. **48 193**, rim in polymer

Drain body Practicus

with removable odour trap*



with connection flange, lateral outlet

Material: PP

Sealing water height: 50 mm

Ø 50 B×H 245×120 mm Art. no. **45 150**

Ø 75 B×H 134×109 mm Art. no. **45 170**

Ø 110 B×H 148×92 mm Art. no. **45 110**

with connection flange, vertical outlet

Material: PP

Sealing water height: 50 mm

Ø 50 H 100 mm Art. no. **45 250**

Ø 75 H 110 mm Art. no. **45 270**

Ø 110 H 110 mm Art. no. **45 210**

Suitable for this product

➔ Accessories from page 238

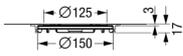
Accessories

Ecoguss and Practicus

System 125

Flanges

can be combined with drain bodies and extension sections

			Dimensions in mm	Art. no.
Clip flange	Inclusive: Factory-mounted waterproofing membrane in accordance with EN 1253-1 and DIN 18534-1-W3-1			280×280 44 703
Glue flange with counter flange	Material: ABS Compatibility: Also for compound seal			Ø 348 48 410
without connection flange	Material: ABS			Ø 268 48 409
Pressure sealing flange	Material: Stainless steel AISI 304 Inclusive: Seeping water opening			Ø 273 48 407

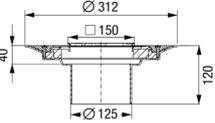
Waterproofing membranes

Compatibility see product description

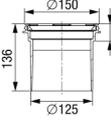
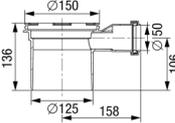
			Art. no.
Waterproofing membrane	Compatibility: Art. no. 48 410		48 651
2 component adhesive	Compatibility: For gluing of KESSEL waterproofing membranes		48 650
Elastomer waterproofing membrane	Material: NBR Compatibility: Art. no. 48 407		48 981

Intermediate section

Compatibility see product description

			Art. no.	
with glue flange	Compatibility: Shallow bed gasket Inclusive: With non-mounted waterproofing membrane according to EN 1253-1 and DIN 18534-1-W3-1			48 900

Extension sections

			Art. no.	
without lateral inlet	Material: PP Inclusive: Lip seal			48 987
with lateral inlet Ø 50	Material: PP Inclusive: Lip seal			48 989

Accessories

System 125

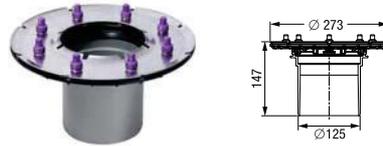
Ecoguss and Practicus

Extension sections

can be combined with drain bodies and extension sections

with pressure sealing flange

Material: PP

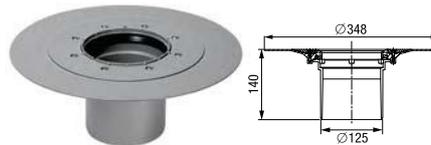


Art. no.

48 404

with glue flange with counter flange

Material: PP



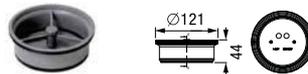
48 403

Hygiene and odour stop

for floor drain *Ecoguss* and *Practicus*

Megastop

Function: Mechanical odour trap inclusive hair filter for KESSEL upper sections, in combination with design cover with *Lock & Lift* system additional protection against backwater up to 0.1 bar

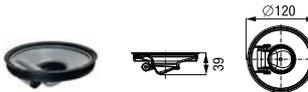


Art. no.

48 550

Multistop

Function: Odour, foam, rodent and insect stop
Note: Not in combination with shower channel upper sections



48 500

Hair filter

Compatibility: For *Multistop* and floor drain *Ecoguss* and *Practicus*



48 700

Odour trap

Compatibility: For all upper sections System 125, sealing water height 50 mm according to norm
Note: Not in combination with tileable upper sections



48 600

Sludge trap

Material: Polymer



48 168

Fire protection / Passage seal

Compatibility see product description

Fire-Kit

Function: Fire protection insert
Compatibility: Only for *Ecoguss* / *Practicus* drains with vertical outlet and odour trap
Certification no.: Z-19.17-1719



**Outer diameter
Ø (mm)**

Ø 58/78/83 **48 099**

Ø 50/75 **48 099**

Ø 110 **48 100**

Quick-Fit with fire protection

Function: Passage seal for core drillings with *Ecoguss* and *Practicus* drain bodies, vertical outlet
Compatibility: Only in combination with *Fire-Kit* protection insert
Certification no.: Z-19.17-1719



- **48 990**

Quick-Fit without fire protection

Function: Passage seal for core drillings with *Ecoguss* and *Practicus* drain bodies, vertical outlet



- **48 991**