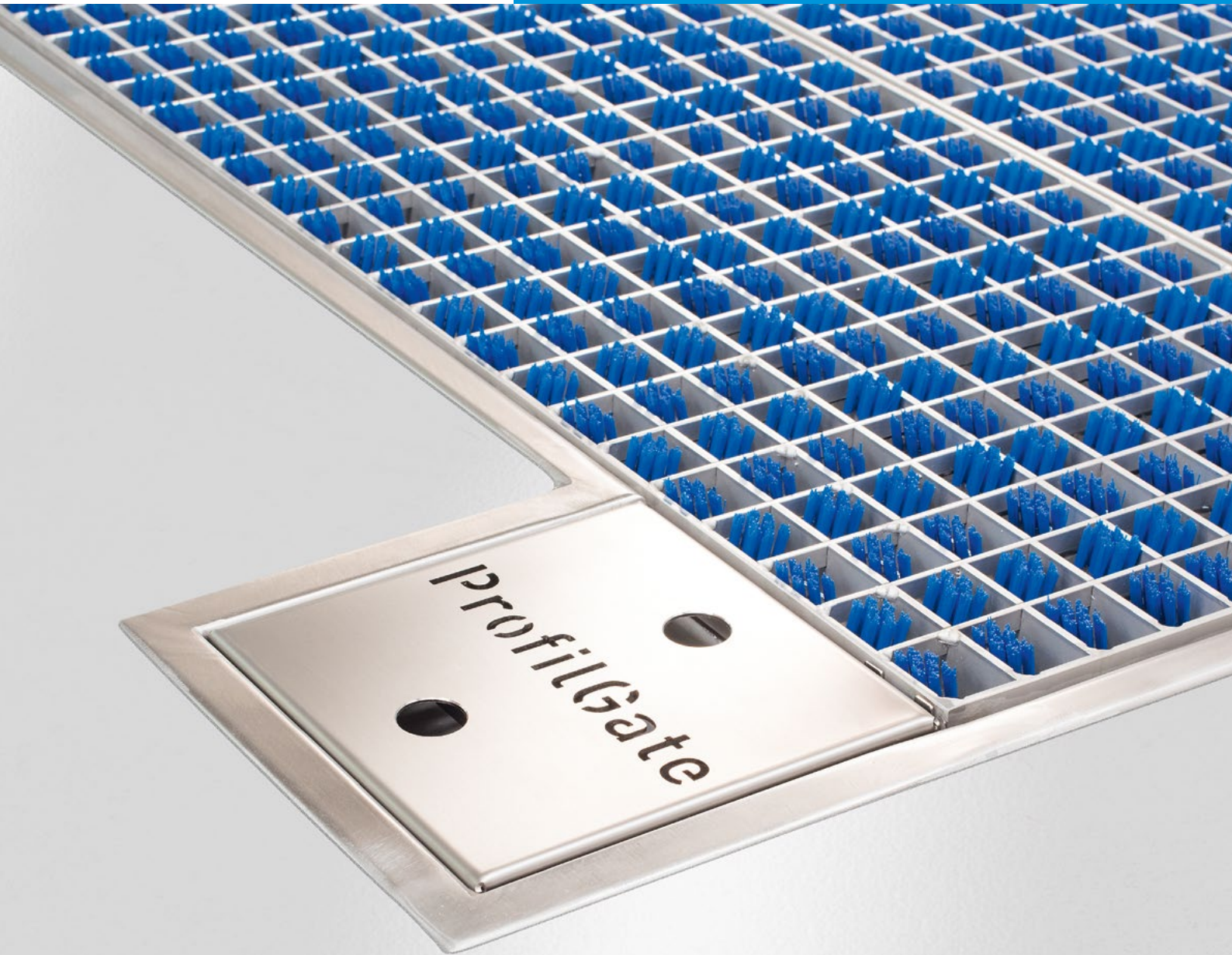




ProfilGate® aqua – design variations



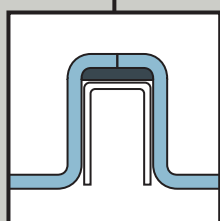
Address: Unit 11A, 1 – 3 Endeavour Road Caringbah NSW 2229 AUSTRALIA

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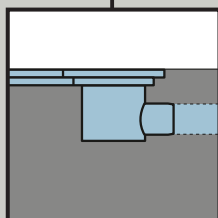


ProfilGate® aqua – design variations



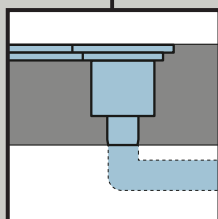
Tray combinations

Depending on the size of the desired ProfilGate® aqua cleaning field, a single tray or a combination of trays is applied (page 4).



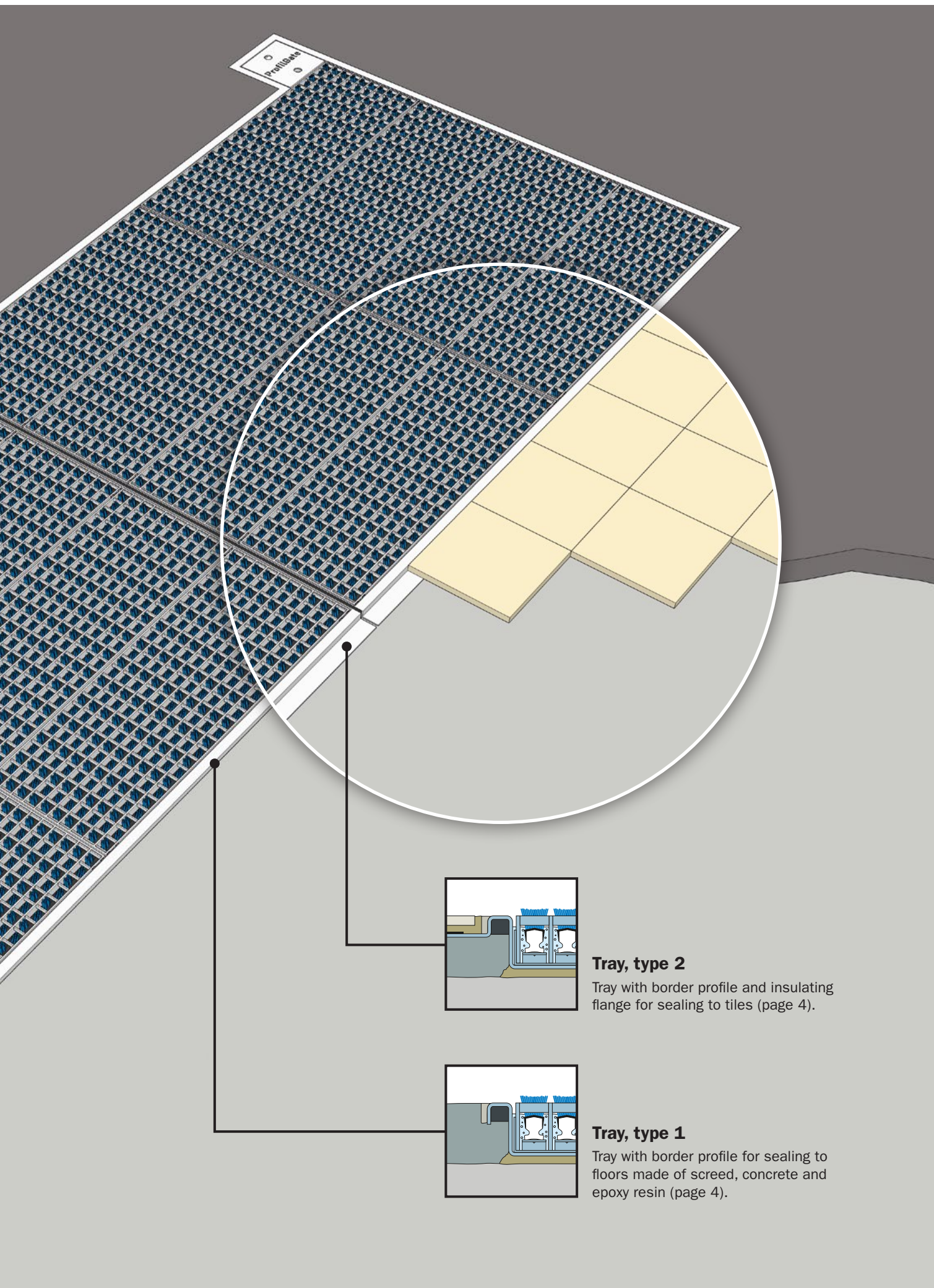
Drain, type A

Sideward drain for laying the drain-pipe in the floor (page 5)



Drain, type B

Downward drain for laying through the floor/ceiling (page 5)



Tray, type 2

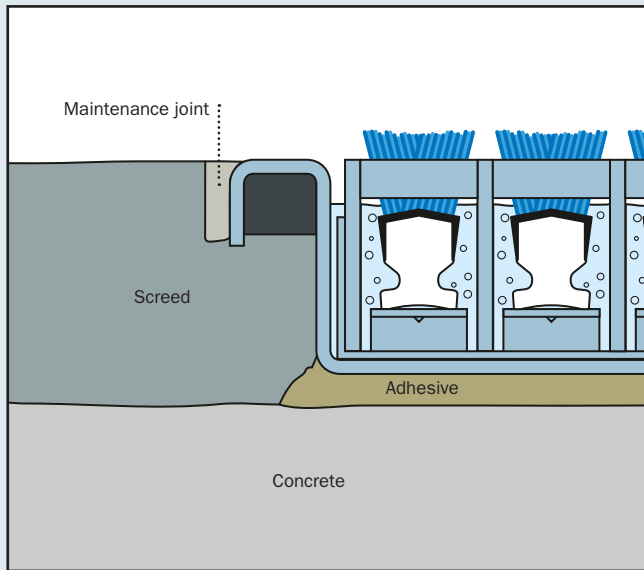
Tray with border profile and insulating flange for sealing to tiles (page 4).

Tray, type 1

Tray with border profile for sealing to floors made of screed, concrete and epoxy resin (page 4).

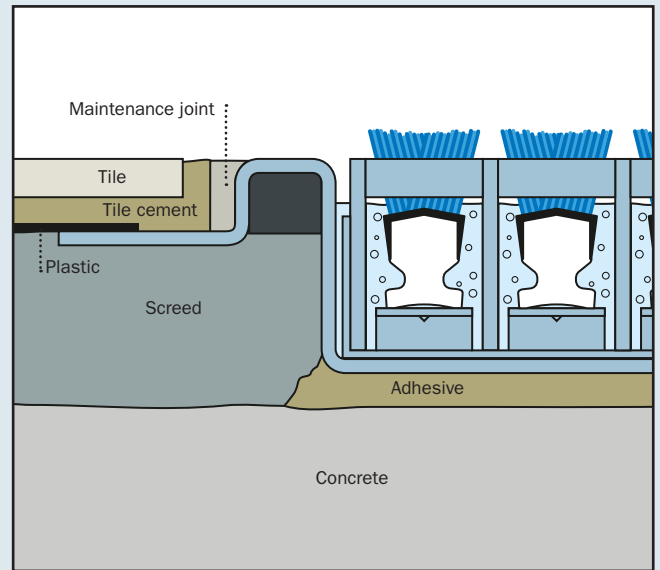
Tray type

Depending on the type of floor covering, the appropriate tray type has to be selected to assure reliable and durable sealing when installing.



Tray, type 1

This tray type with border profile lends itself for installation in floors made from screed, concrete and epoxy resin.



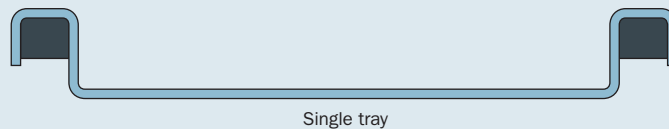
Tray, type 2

This tray type with border profile and insulating flange is suited for installation in tiled floors. A flat sealing sheet can be fixed on the insulating flange.

Single tray / tray combinations

Single tray

Single trays are deliverable up to size 1,829 mm in width to 2,967 mm in length (driving direction).

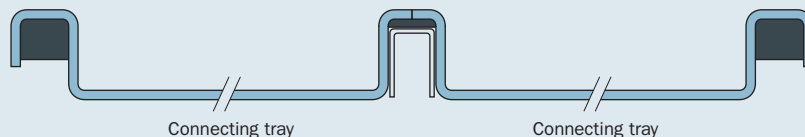


Single tray

Figure and dimensions refer to the tray type 1.

2 combined trays

As for a larger cleaning field, two trays have to be combined, each of them equipped with one special joining flange on one side (**connecting trays**).



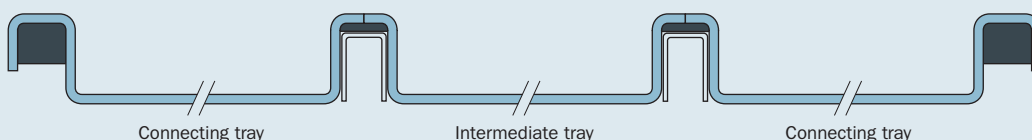
Connecting tray

Connecting tray

The figure refers to the tray type 1.

3 and more combined trays

Regarding the combination of 3 or more trays, both the first tray and the last one must be equipped with a joining flange (**connecting trays**). Each tray installed in between needs to have the joining flange on both sides (**intermediate trays**).



Connecting tray

Intermediate tray

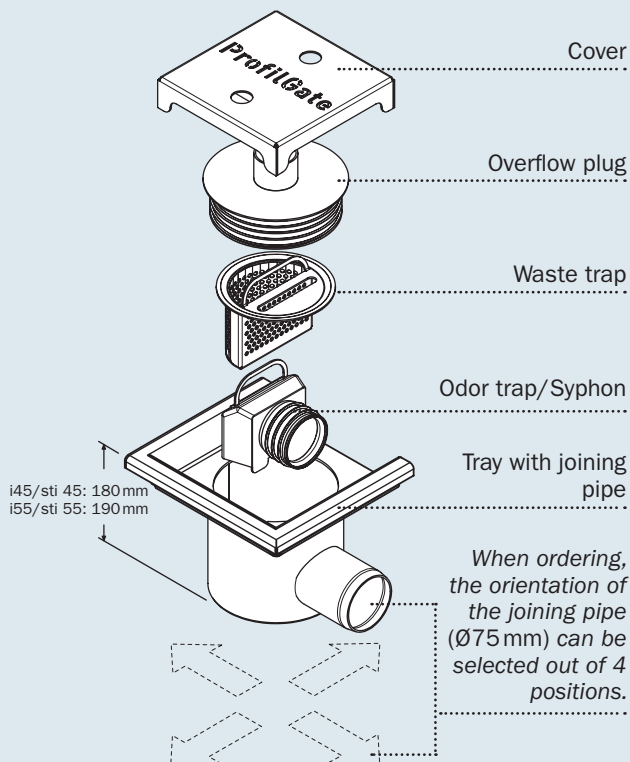
Connecting tray

The figure refers to the tray type 1.

Drain type

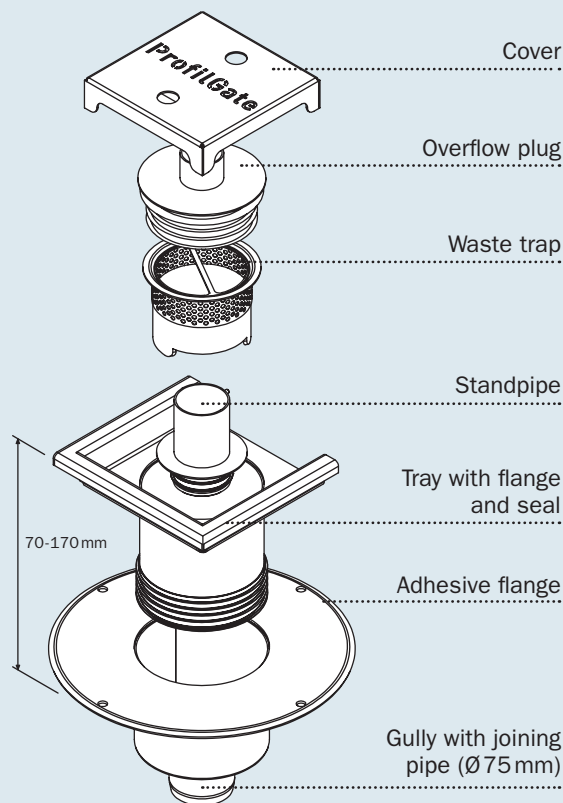
Drain, type A - sideward

This drain type is suitable for drain pipes laid in the floor. The direction of the joining pipe can be selected in steps of 90° each.



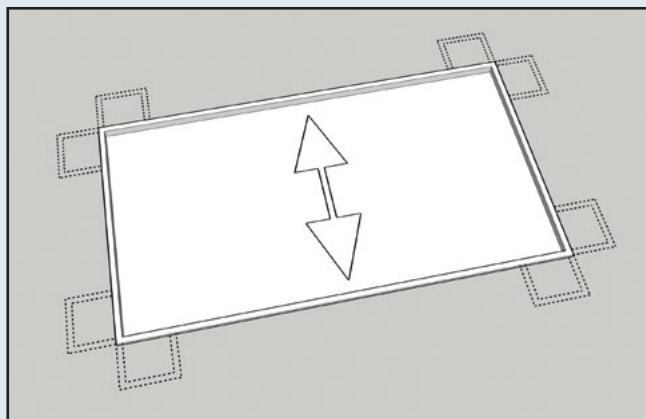
Drain, type B - downward

This drain type is appropriate for installation through floors and ceilings. At first, the gully with its adhesive flange is glued into the floor borehole. Then the connecting pipe with seal of the tray is fitted in. Dirt bucket and standpipe make up the odor trap.



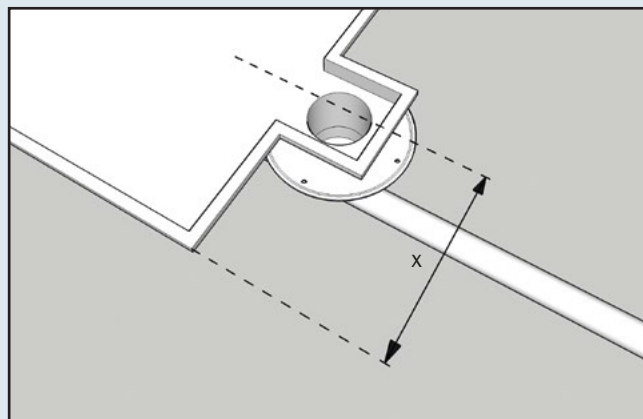
Draining position

Each tray is individually customised. This is particularly true for the drain position. The drain cannot be re-located later as it forms integral part of the tray.



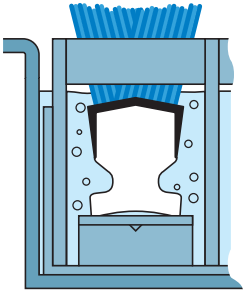
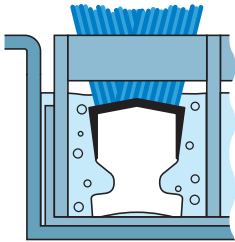
Standard drain positions

The drawing depicts eight possible standard drain positions. The driving direction has to be defined in advance since it determines the location of the segments and alignment of the grates with the brush strips.

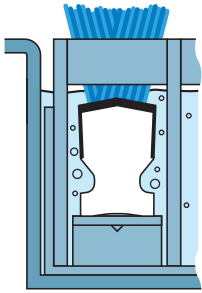


Individual offset of the drain

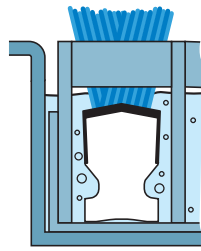
Starting from one of the standard positions, the drain can be shifted as required. The position as required enables connecting the drain to an existing waste water pipe.

Model line	i55 aqua			i45 aqua		
						
Tray height (mm) 	55			45		
Extra dirt / water reservoir (mm)	+10			-		
Optimum for	 			 		
Maximum admissible vehicle weight (t) 	20			10		
Suitable for hard rollers 	-			-		
Appropriate roller width (mm) 	≥31			≥31		
Grate Stainless steel V2A (1.4301)	●			●		
Tray Stainless steel V2A (1.4301)	●			●		
Brush strips per grate	10			10		
Grates per segment	2			2		
Module format (number of segments W x L) Tray size, type 1 (W x L in mm) <i>Tray size, type 2 (W x L in mm)</i> Number of grates x weight	1,5 x 1	1 x 2	3 x 2	1,5 x 1	1 x 2	3 x 2
	1115 x 1026	764 x 1995	2177 x 1995	1119 x 1026	764 x 1997	2183 x 1997
	<i>1209 x 1120</i>	<i>858 x 2089</i>	<i>2271 x 2089</i>	<i>1213 x 1120</i>	<i>858 x 2091</i>	<i>2277 x 2091</i>
	3 x 26 kg	4 x 26 kg	12 x 26 kg	3 x 21 kg	4 x 21 kg	12 x 21 kg
	2 x 1	1,5 x 2	1,5 x 3	2 x 1	1,5 x 2	1,5 x 3
	1470 x 1026	1115 x 1995	1115 x 2963	1473 x 1026	1119 x 1997	1119 x 2967
	<i>1564 x 1120</i>	<i>1209 x 2089</i>	<i>1209 x 3057</i>	<i>1567 x 1120</i>	<i>1213 x 2091</i>	<i>1213 x 3061</i>
	4 x 26 kg	6 x 26 kg	9 x 26 kg	4 x 21 kg	6 x 21 kg	9 x 21 kg
	2,5 x 1	2 x 2	2 x 3	2,5 x 1	2 x 2	2 x 3
	1824 x 1026	1470 x 1995	1470 x 2963	1829 x 1026	1473 x 1997	1473 x 2967
	<i>1918 x 1120</i>	<i>1564 x 2089</i>	<i>1564 x 3057</i>	<i>1923 x 1120</i>	<i>1567 x 2091</i>	<i>1567 x 3061</i>
	5 x 26 kg	8 x 26 kg	12 x 26 kg	5 x 21 kg	8 x 21 kg	12 x 21 kg
	3 x 1	2,5 x 2	2,5 x 3	3 x 1	2,5 x 2	2,5 x 3
	2177 x 1026	1824 x 1995	1824 x 2963	2183 x 1026	1829 x 1997	1829 x 2967
	<i>2271 x 1120</i>	<i>1918 x 2089</i>	<i>1918 x 3057</i>	<i>2277 x 1120</i>	<i>1923 x 2091</i>	<i>1923 x 3061</i>
	6 x 26 kg	10 x 26 kg	15 x 26 kg	6 x 21 kg	10 x 21 kg	15 x 21 kg

sti55
aqua



sti45
aqua



Model line

55

45

Tray height (mm)



+10

-

Extra dirt / water reservoir (mm)



Optimum for

20

10

Maximum admissible vehicle weight (t)



Suitable for hard rollers



≥24

≥24

Appropriate roller width (mm)



Grate

Stainless steel V2A (1.4301)



Tray

Stainless steel V2A (1.4301)

14

14

Brush strips per grate

2

2

Grates per segment

1,5 x 1

1115 x 1026

1209 x 1120

3 x 27 kg

1 x 2

764 x 1995

858 x 2089

4 x 27 kg

3 x 2

2177 x 1995

2271 x 2089

12 x 27 kg

1,5 x 1

1119 x 1026

1213 x 1120

3 x 23 kg

1 x 2

764 x 1997

858 x 2091

4 x 23 kg

3 x 2

2183 x 1997

2277 x 2091

12 x 23 kg

2 x 1

1470 x 1026

1564 x 1120

4 x 27 kg

1,5 x 2

1115 x 1995

1209 x 2089

6 x 27 kg

1,5 x 3

1115 x 2963

1209 x 3057

9 x 27 kg

2 x 1

1473 x 1026

1567 x 1120

4 x 23 kg

1,5 x 2

1119 x 1997

1213 x 2091

6 x 23 kg

1,5 x 3

1119 x 2967

1213 x 3061

9 x 23 kg

2,5 x 1

1824 x 1026

1918 x 1120

5 x 27 kg

2 x 2

1470 x 1995

1564 x 2089

8 x 27 kg

2 x 3

1470 x 2963

1564 x 3057

12 x 27 kg

2,5 x 1

1829 x 1026

1923 x 1120

5 x 23 kg

2 x 2

1473 x 1997

1567 x 2091

8 x 23 kg

2 x 3

1473 x 2967

1567 x 3061

12 x 23 kg

3 x 1

2177 x 1026

2271 x 1120

6 x 27 kg

2,5 x 2

1824 x 1995

1918 x 2089

10 x 27 kg

2,5 x 3

1824 x 2963

1918 x 3057

15 x 27 kg

3 x 1

2183 x 1026

2277 x 1120

6 x 23 kg

2,5 x 2

1829 x 1997

1923 x 2091

10 x 23 kg

2,5 x 3

1829 x 2967

1923 x 3061

15 x 23 kg

Module format (number of segments W x L)

Tray size, type 1 (W x L in mm)

Tray size, type 2 (W x L in mm)

Number of grates x weight



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