



Complies to BS EN 1253:2003

# TOP ACCESS FLOOR TRAP SYSTEM

# S2

# LOOKS BETTER & FLOWS FASTER



## LUXURIOUS GRATINGS & COLLARS

Quality without Compromise  
Elegant Gratings with Trap System

Print Edition for June 2022



# Top Access Floor trap System

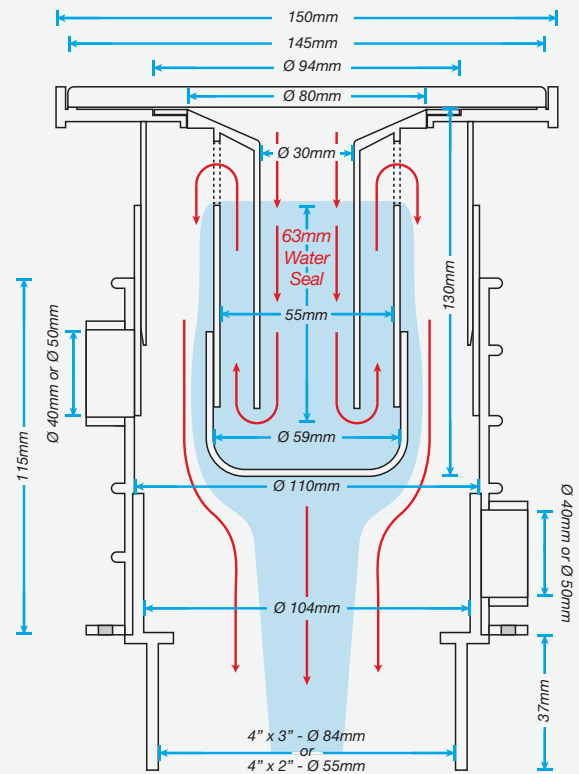
## S2 Model



**Flow rate:  
80 litres / minute**

\*Sirim requirement: 48 litres / minute

**Dimensions of  
S2 model Top Access Floor Trap System  
4" Pipe Sleeve**





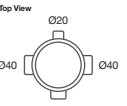

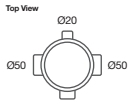





\*Air conditioner drain pipe is not recommended to connect to the pipe sleeve  
\*S2 trap system can be used as bottom or side discharge

**Benefits of S2 Trap system:**

- Can convert the conventional to top access floor trap. Easy conversion with existing pipe sleeve, without major hacking
- Prevents bubble / foam from overflowing
- Prevents foul smell and insects from entering the house
- Top cleaning / access
- Higher False Ceiling, space saving

**Trap System Product Code**


Water Trap		4" Pipe Sleeve				Outlet		4" End Cap	
Grey	White	Without Inlet	With Inlet		4" x 3"	4" x 2"			
									
S1/S2-WT-G	S1/S2-WT-G	S2-PS4	40 x 32 x 40 x 20 S2-PSI4-4040		50 x 32 x 50 x 20 S2-PSI4-5050		S2-OL4X3	S2-OL4X2	S2-SFEC-4

# 6" & 4" Grating & Collar

Web / Round / Fish / Blank



**4" Web**

-  **Plastic Grating**  
S1-GP-W
-  **Standard Plastic Collar**  
S1/S2-CP4-W






**4" Web**  
c/w Washing Machine Hose Opening + Plastic Plug

-  **Plastic Grating**  
S1-GP-W-32PP
-  **Standard Plastic Collar**  
S1/S2-CP4-W






**6" Web-1**

-  **Plastic Grating**  
GP-W
-  **Standard Plastic Collar**  
S2-CP-W
-  **360° Aligning Collar**  
S2-ACP-6P





**6" Web-1**  
c/w Washing Machine Hose Opening + Plastic Plug

-  **Plastic Grating**  
GP-W-32PP
-  **Standard Plastic Collar**  
S2-CP-W
-  **360° Aligning Collar**  
S2-ACP-6P





**6" Round-1**

-  **Stainless Steel Grating**  
GSS-R
-  **Stainless Steel Collar**  
S2-CSS-R





**6" Round-1**  
c/w Washing Machine Hose Opening + SS Plug

-  **Stainless Steel Grating**  
GSS-R-32SSP
-  **Stainless Steel Collar**  
S2-CSS-R






**6" Fish-1**

-  **Stainless Steel Grating**  
GSS-F
-  **Stainless Steel Collar**  
S2-CSS-R






**6" Stainless Steel Blank-1**  
c/w Washing Machine Hose Opening + SS Plug

-  **Stainless Steel Grating**  
GSS-B-32SSP
-  **Standard Plastic Collar**  
S2-CP-G (Grey)  
S2-CP-W (White)
-  **360° Aligning Collar**  
S2-ACP-6SS-G (Grey)  
S2-ACP-6SS-W (White)



**6" Plastic Blank-1**




-  **Plastic Grating**  
GP-B
-  **Standard Plastic Collar**  
S2-CP-W
-  **360° Aligning Collar**  
S2-ACP-6P

# 6" & 4" Grating & Collar

## Tile Tray






**6" Stainless Steel Tile Tray & Collar**

-  **Stainless Steel Tile Tray**  
TSS-TT6
-  **Standard Plastic Collar with SS Lining**  
S2-CPSSL-TT-G (Grey)  
S2-CPSSL-TT-W (White)
-  **360° Aligning Collar**  
S2-ACPSSL-TT-G (Grey)  
S2-ACPSSL-TT-W (White)






**6" Stainless Steel Tile Tray with Plastic Collar**

-  **Stainless Steel Tile Tray**  
TSS-TT6
-  **Standard Plastic Collar**  
S2-CP-TT-G (Grey)  
S2-CP-TT-W (White)
-  **360° Aligning Collar**  
S2-ACP-TT-G (Grey)  
S2-ACP-TT-W (White)






**6" Plastic Tile Tray & Collar White**

-  **Plastic Tile Tray**  
TP-TT6-W
-  **Standard Plastic Collar**  
S2-CP-TT-W
-  **360° Aligning Collar**  
S2-ACP-TT-W





**6" Plastic Tile Tray & Collar Grey**

-  **Plastic Tile Tray**  
TP-TT6-G
-  **Standard Plastic Collar**  
S2-CP-TT-G
-  **360° Aligning Collar**  
S2-ACP-TT-G





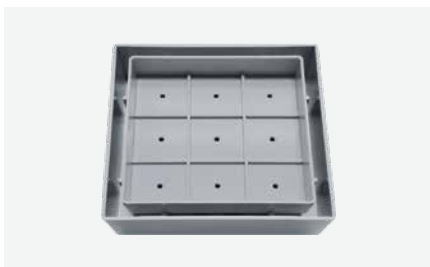
**4" Stainless Steel Tile Tray & Collar**

-  **Stainless Steel Tile Tray**  
TSS-TT4
-  **Standard Plastic Collar with SS Lining**  
S2-CPSSL-TT4-G (Grey)  
S2-CPSSL-TT4-W (White)





**4" Plastic Tile Tray & Collar White**

-  **Plastic Tile Tray**  
TP-TT4-W
-  **Standard Plastic Collar**  
S2-CP-TT4-W



**4" Plastic Tile Tray & Collar Grey**

-  **Plastic Tile Tray**  
TP-TT4-G
-  **Standard Plastic Collar**  
S2-CP-TT4-G

# 6" Grating & Collar

## Maze / Planar



**6" Maze-5**

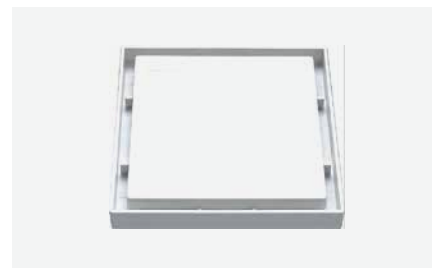
- Stainless Steel Grating**  
GSS-M
- Stainless Steel Collar**  
S2-CSS-S



**6" Maze-5**

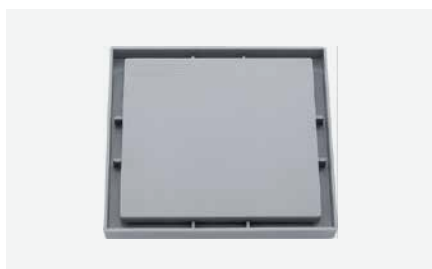
c/w Washing Machine Hose Opening + SS Plug

- Stainless Steel Grating**  
GSS-M-32SSP
- Stainless Steel Collar**  
S2-CSS-S



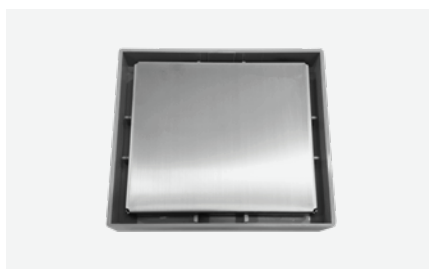
**6" Maze-3 White**

- Plastic Grating**  
GP-M-W
- Standard Plastic Collar**  
S2-CP-M3-W
- 360° Aligning Collar**  
S2-ACP(SSL)-TT-W



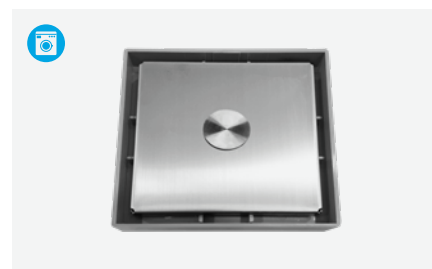
**6" Maze-3 Grey**

- Plastic Grating**  
GP-M-G
- Standard Plastic Collar**  
S2-CP-M3-G
- 360° Aligning Collar**  
S2-ACP(SSL)-TT-G



**6" Planar Short-1**

- Stainless Steel Grating**  
GSS-PS
- Standard Plastic Collar**  
S2-CP(SSL)-TT-G (Grey)  
S2-CP(SSL)-TT-W (White)
- 360° Aligning Collar**  
S2-ACP(SSL)-TT-G (Grey)  
S2-ACP(SSL)-TT-W (White)



**6" Planar Short-1**

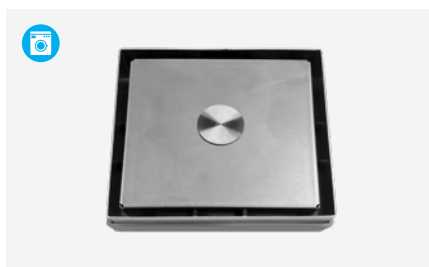
c/w Washing Machine Hose Opening + SS Plug

- Stainless Steel Grating**  
GSS-PS-32SSP
- Standard Plastic Collar**  
S2-CP(SSL)-TT-G (Grey)  
S2-CP(SSL)-TT-W (White)
- 360° Aligning Collar**  
S2-ACP(SSL)-TT-G (Grey)  
S2-ACP(SSL)-TT-W (White)



**6" Planar Tall-1**

- Stainless Steel Grating**  
GSS-PT
- Standard Plastic Collar with SS Lining**  
S2-CPSSL-TT-G (Grey)  
S2-CPSSL-TT-W (White)
- 360° Aligning Collar**  
S2-ACPSSL-TT-G (Grey)  
S2-ACPSSL-TT-W (White)



**6" Planar Tall-1**

c/w Washing Machine Hose Opening + SS Plug

- Stainless Steel Grating**  
GSS-PS-32SSP
- Standard Plastic Collar with SS Lining**  
S2-CPSSL-TT-G (Grey)  
S2-CPSSL-TT-W (White)
- 360° Aligning Collar**  
S2-ACPSSL-TT-G (Grey)  
S2-ACPSSL-TT-W (White)

# 6" & 4" Grating & Collar

## Daisy



**6" Daisy Square-1**

- ✱ **Stainless Steel Grating**  
GSS-DS
- **Standard Plastic Collar**  
S2-CP-G (Grey)  
S2-CP-W (White)
- **360° Aligning Collar**  
S2-ACP-6SS-G (Grey)  
S2-ACP-6SS-W (White)



**6" Daisy Square-1**  
c/w Washing Machine Hose Opening + SS Plug

- ✱ **Stainless Steel Grating**  
GSS-DS-32SSP
- **Standard Plastic Collar**  
S2-CP-G (Grey)  
S2-CP-W (White)
- **360° Aligning Collar**  
S2-ACP-6SS-G (Grey)  
S2-ACP-6SS-W (White)



**6" Daisy Square-1 Anti-Theft**

- ✱ **Stainless Steel Grating**  
GSS-DS-AT
- **Standard Plastic Collar**  
S2-CP-G (Grey)  
S2-CP-W (White)
- **360° Aligning Collar**  
S2-ACP-6SS-G (Grey)  
S2-ACP-6SS-W (White)



**6" Daisy Square-5**

- ✱ **Stainless Steel Grating**  
GSS-DS4
- **Stainless Steel Collar**  
S2-CSS-S



**6" Daisy Square-5**  
c/w Washing Machine Hose Opening + SS Plug

- ✱ **Stainless Steel Grating**  
GSS-DS4-32SSP
- **Stainless Steel Collar**  
S2-CSS-S



**6" Daisy Square-5 Anti-Theft**

- ✱ **Stainless Steel Grating**  
GSS-DS4-AT
- **Stainless Steel Collar**  
S2-CSS-S-AT



**6" Daisy Square-6**

- ✱ **Stainless Steel Grating**  
GSS-DS3
- **Standard Plastic Collar with SS Lining**  
S2-CPSSL-G (Grey)  
S2-CPSSL-W (White)
- **360° Aligning Collar**  
S2-ACPSSL-G (Grey)  
S2-ACPSSL-W (White)



**6" Daisy Square-6**  
c/w Washing Machine Hose Opening + SS Plug

- ✱ **Stainless Steel Grating**  
GSS-DS3-32SSP
- **Standard Plastic Collar with SS Lining**  
S2-CPSSL-G (Grey)  
S2-CPSSL-W (White)
- **360° Aligning Collar**  
S2-ACPSSL-G (Grey)  
S2-ACPSSL-W (White)



**6" Daisy Round-1**

- ✱ **Stainless Steel Grating**  
GSS-DR
- **Stainless Steel Collar**  
S2-CSS-R



# 6" & 4" Grating & Collar

## Daisy





### 6" Daisy Round-1

c/w Washing Machine Hose Opening + SS Plug

-  **Stainless Steel Grating**  
GSS-DR-32SSP
-  **Stainless Steel Collar**  
S2-CSS-R





### 4" Daisy

-  **Stainless Steel Grating**  
S1-GSS-D
-  **Standard Plastic Collar**  
S1/S2-CP4-G (Grey)  
S1/S2-CP4-W (White)





### 4" Daisy

c/w Washing Machine Hose Opening + SS Plug

-  **Stainless Steel Grating**  
S1-GSS-D-32SSP
-  **Standard Plastic Collar**  
S1/S2-CP4-G (Grey)  
S1/S2-CP4-W (White)



### 4" Daisy Anti-Theft

-  **Stainless Steel Grating**  
S1-GSS-D-AT
-  **Standard Plastic Collar**  
S1/S2-CP4-G (Grey)  
S1/S2-CP4-W (White)

# 6" Grating & Collar

## Venus



**6" Venus Square-1**

- Stainless Steel Grating**  
GSS-VS
- Standard Plastic Collar**  
S2-CP-G (Grey)  
S2-CP-W (White)
- 360° Aligning Collar**  
S2-ACP-6SS-G (Grey)  
S2-ACP-6SS-W (White)



**6" Venus Square-1**  
c/w Washing Machine Hose Opening + SS Plug

- Stainless Steel Grating**  
GSS-VS-32SSP
- Standard Plastic Collar**  
S2-CP-G (Grey)  
S2-CP-W (White)
- 360° Aligning Collar**  
S2-ACP-6SS-G (Grey)  
S2-ACP-6SS-W (White)



**6" Venus Square-1 Anti-Theft**

- Stainless Steel Grating**  
GSS-VS-AT
- Standard Plastic Collar**  
S2-CP-G (Grey)  
S2-CP-W (White)
- 360° Aligning Collar**  
S2-ACP-6SS-G (Grey)  
S2-ACP-6SS-W (White)



**6" Venus Square-5**

- Stainless Steel Grating**  
GSS-VS4
- Stainless Steel Collar**  
S2-CSS-S



**6" Venus Square-5**  
c/w Washing Machine Hose Opening + SS Plug

- Stainless Steel Grating**  
GSS-VS4-32SSP
- Stainless Steel Collar**  
S2-CSS-S



**6" Venus Square-5 Anti-Theft**

- Stainless Steel Grating**  
GSS-VS4-AT
- Stainless Steel Collar**  
S2-CSS-S-AT



**6" Venus Square-6**

- Stainless Steel Grating**  
GSS-VS3
- Standard Plastic Collar with SS Lining**  
S2-CPSSL-G (Grey)  
S2-CPSSL-W (White)
- 360° Aligning Collar**  
S2-ACPSSL-G (Grey)  
S2-ACPSSL-W (White)



**6" Venus Square-6**  
c/w Washing Machine Hose Opening + SS Plug

- Stainless Steel Grating**  
GSS-VS3-32SSP
- Standard Plastic Collar with SS Lining**  
S2-CPSSL-G (Grey)  
S2-CPSSL-W (White)
- 360° Aligning Collar**  
S2-ACPSSL-G (Grey)  
S2-ACPSSL-W (White)



**6" Venus Round-1**

- Stainless Steel Grating**  
GSS-VR
- Stainless Steel Collar**  
S2-CSS-R



# 6" Grating & Collar

Venus



## 6" Venus Round-1

c/w Washing Machine Hose Opening + SS Plug




- Stainless Steel Grating**  
GSS-VR-32SSP
- Stainless Steel Collar**  
S2-CSS-R

# 6" Grating & Collar

## Bamboo






**6" Bamboo-1**

-  **Stainless Steel Grating**  
GSS-BB
-  **Standard Plastic Collar**  
S2-CP-G (Grey)  
S2-CP-W (White)
-  **360° Aligning Collar**  
S2-ACP-6SS-G (Grey)  
S2-ACP-6SS-W (White)






**6" Bamboo-1 Anti-Theft**

-  **Stainless Steel Grating**  
GSS-BB-AT
-  **Standard Plastic Collar**  
S2-CP-G (Grey)  
S2-CP-W (White)
-  **360° Aligning Collar**  
S2-ACP-6SS-G (Grey)  
S2-ACP-6SS-W (White)





**6" Bamboo-6**

-  **Stainless Steel Grating**  
GSS-BB3
-  **Standard Plastic Collar with SS Lining**  
S2-CPSSL-G (Grey)  
S2-CPSSL-W (White)
-  **360° Aligning Collar**  
S2-ACPSSL-G (Grey)  
S2-ACPSSL-W (White)





**6" Bamboo-5**

-  **Stainless Steel Grating**  
GSS-BB4
-  **Stainless Steel Collar**  
S2-CSS-S



**6" Bamboo-5 Anti-Theft**




-  **Stainless Steel Grating**  
GSS-BB4-AT
-  **Stainless Steel Collar**  
S2-CSS-S-AT

# 6" Grating & Collar

## Diamond



**6" Diamond Square-1**

-  **Stainless Steel Grating**  
GSS-DMS
-  **Standard Plastic Collar**  
S2-CP-G (Grey)  
S2-CP-W (White)
-  **360° Aligning Collar**  
S2-ACP-6SS-G (Grey)  
S2-ACP-6SS-W (White)






**6" Diamond Square-1 Anti-Theft**

-  **Stainless Steel Grating**  
GSS-DMS-AT
-  **Standard Plastic Collar**  
S2-CP-G (Grey)  
S2-CP-W (White)
-  **360° Aligning Collar**  
S2-ACP-6SS-G (Grey)  
S2-ACP-6SS-W (White)





**6" Diamond Square-6**

-  **Stainless Steel Grating**  
GSS-DMS3
-  **Standard Plastic Collar with SS Lining**  
S2-CPSSL-G (Grey)  
S2-CPSSL-W (White)
-  **360° Aligning Collar**  
S2-ACPSSL-G (Grey)  
S2-ACPSSL-W (White)





**6" Diamond Round-1**

-  **Stainless Steel Grating**  
GSS-DMR
-  **Stainless Steel Collar**  
S2-CSS-R




**6" Diamond Square-5**

-  **Stainless Steel Grating**  
GSS-DMS4
-  **Stainless Steel Collar**  
S2-CSS-S



**6" Diamond Square-5 Anti-Theft**



-  **Stainless Steel Grating**  
GSS-DMS4-AT
-  **Stainless Steel Collar**  
S2-CSS-S-AT

# 6" & 4" Grating & Collar

## Chess






**6" Chess Square-1**

-  **Stainless Steel Grating**  
GSS-CHS
-  **Standard Plastic Collar**  
S2-CP-G (Grey)  
S2-CP-W (White)
-  **360° Aligning Collar**  
S2-ACP-6SS-G (Grey)  
S2-ACP-6SS-W (White)






**6" Chess Square-1 Anti-Theft**

-  **Stainless Steel Grating**  
GSS-CHS-AT
-  **Standard Plastic Collar**  
S2-CP-G (Grey)  
S2-CP-W (White)
-  **360° Aligning Collar**  
S2-ACP-6SS-G (Grey)  
S2-ACP-6SS-W (White)





**6" Chess Square-6**

-  **Stainless Steel Grating**  
GSS-CHS3
-  **Standard Plastic Collar with SS Lining**  
S2-CPSSL-G (Grey)  
S2-CPSSL-W (White)
-  **360° Aligning Collar**  
S2-ACPSSL-G (Grey)  
S2-ACPSSL-W (White)





**6" Chess Round-1**

-  **Stainless Steel Grating**  
GSS-CHR
-  **Stainless Steel Collar**  
S2-CSS-R





**6" Chess Square-5**

-  **Stainless Steel Grating**  
GSS-CHS4
-  **Stainless Steel Collar**  
S2-CSS-S





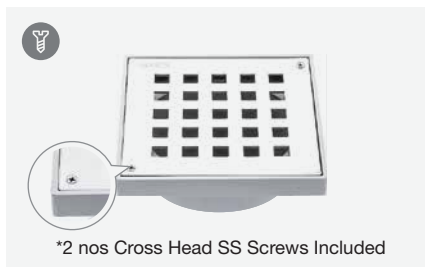
**6" Chess Square-5 Anti-Theft**

-  **Stainless Steel Grating**  
GSS-CHS4-AT
-  **Stainless Steel Collar**  
S2-CSS-S-AT





**4" Chess**

-  **Stainless Steel Grating**  
S1-GSS-C
-  **Standard Plastic Collar**  
S1/S2-CP4-G (Grey)  
S1/S2-CP4-W (White)



**4" Chess Anti-Theft**



-  **Stainless Steel Grating**  
S1-GSS-C-AT
-  **Standard Plastic Collar**  
S1/S2-CP4-G (Grey)  
S1/S2-CP4-W (White)

# 6" Grating & Collar

## Chequer




**6" Chequer Square-1**

-  **Stainless Steel Grating**  
GSS-CQS
-  **Standard Plastic Collar**  
S2-CP-G (Grey)  
S2-CP-W (White)
-  **360° Aligning Collar**  
S2-ACP-6SS-G (Grey)  
S2-ACP-6SS-W (White)






\*2 nos Cross Head SS Screws Included

**6" Chequer Square-1 Anti-Theft**

-  **Stainless Steel Grating**  
GSS-CQS-AT
-  **Standard Plastic Collar**  
S2-CP-G (Grey)  
S2-CP-W (White)
-  **360° Aligning Collar**  
S2-ACP-6SS-G (Grey)  
S2-ACP-6SS-W (White)





**6" Chequer Square-6**

-  **Stainless Steel Grating**  
GSS-CQS3
-  **Standard Plastic Collar with SS Lining**  
S2-CPSSL-G (Grey)  
S2-CPSSL-W (White)
-  **360° Aligning Collar**  
S2-ACPSSL-G (Grey)  
S2-ACPSSL-W (White)





**6" Chequer Round-1**

-  **Stainless Steel Grating**  
GSS-CQR
-  **Stainless Steel Collar**  
S2-CSS-R





**6" Chequer Square-5**

-  **Stainless Steel Grating**  
GSS-CQS4
-  **Stainless Steel Collar**  
S2-CSS-S



\*2 nos Allen Key SS Screws Included

**6" Chequer Square-5 Anti-Theft**

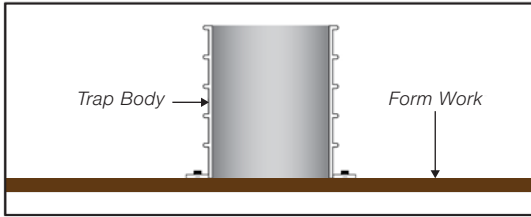
-  **Stainless Steel Grating**  
GSS-CQS4-AT
-  **Stainless Steel Collar**  
S2-CSS-S-AT

# S2

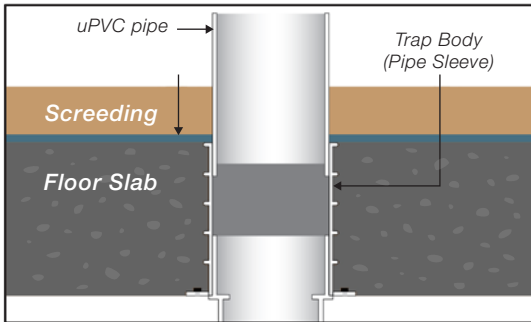
## Installation Method

Recommended slab thickness 125mm and above.

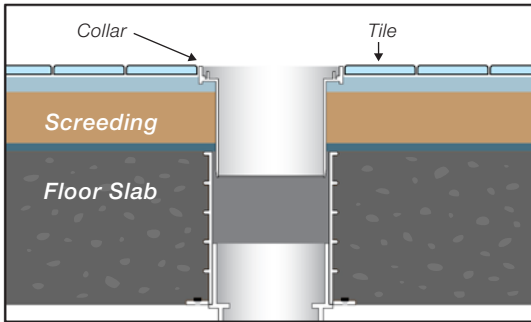
**Step 1:** Nail trap body to form work.



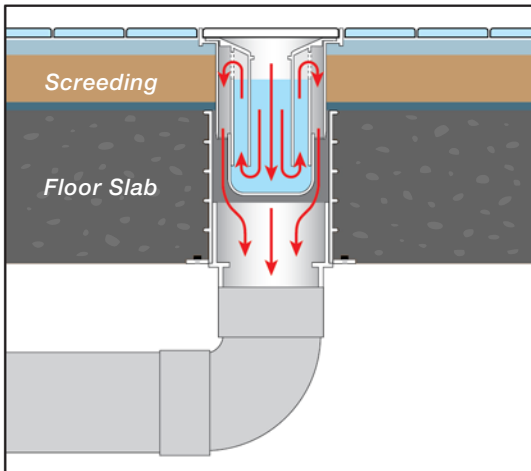
**Step 2:** Place 4" uPVC pipe on top of trap body. Water proof and screed.



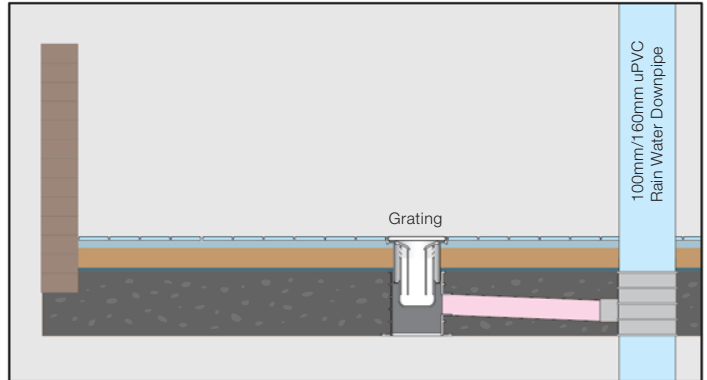
**Step 3:** Cut uPVC pipe and place collar during tiling.



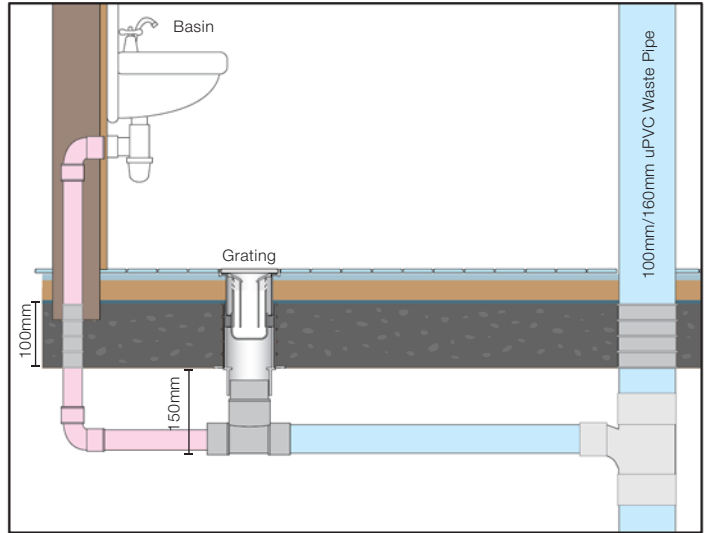
**Step 4:** Use outlet to make connection to main stack and place grating and trap on the collar.



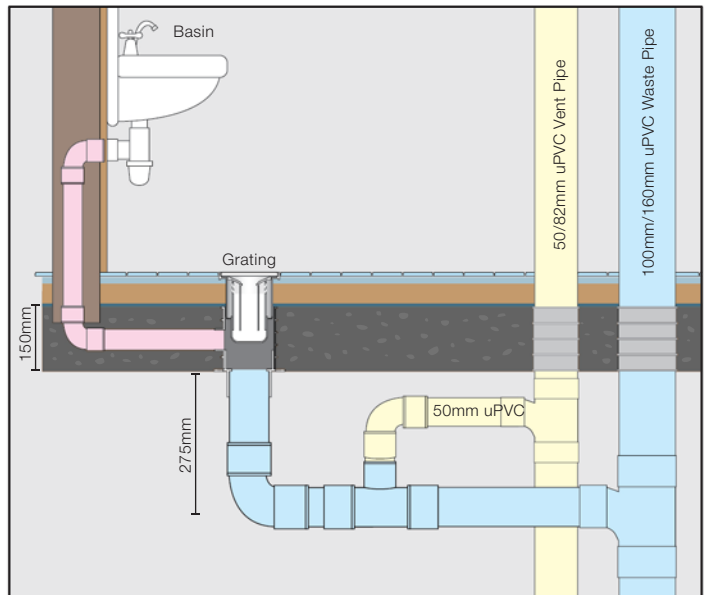
Cross Section Layout (side flow at balcony)



Cross Section Layout (connection of basin below trap)

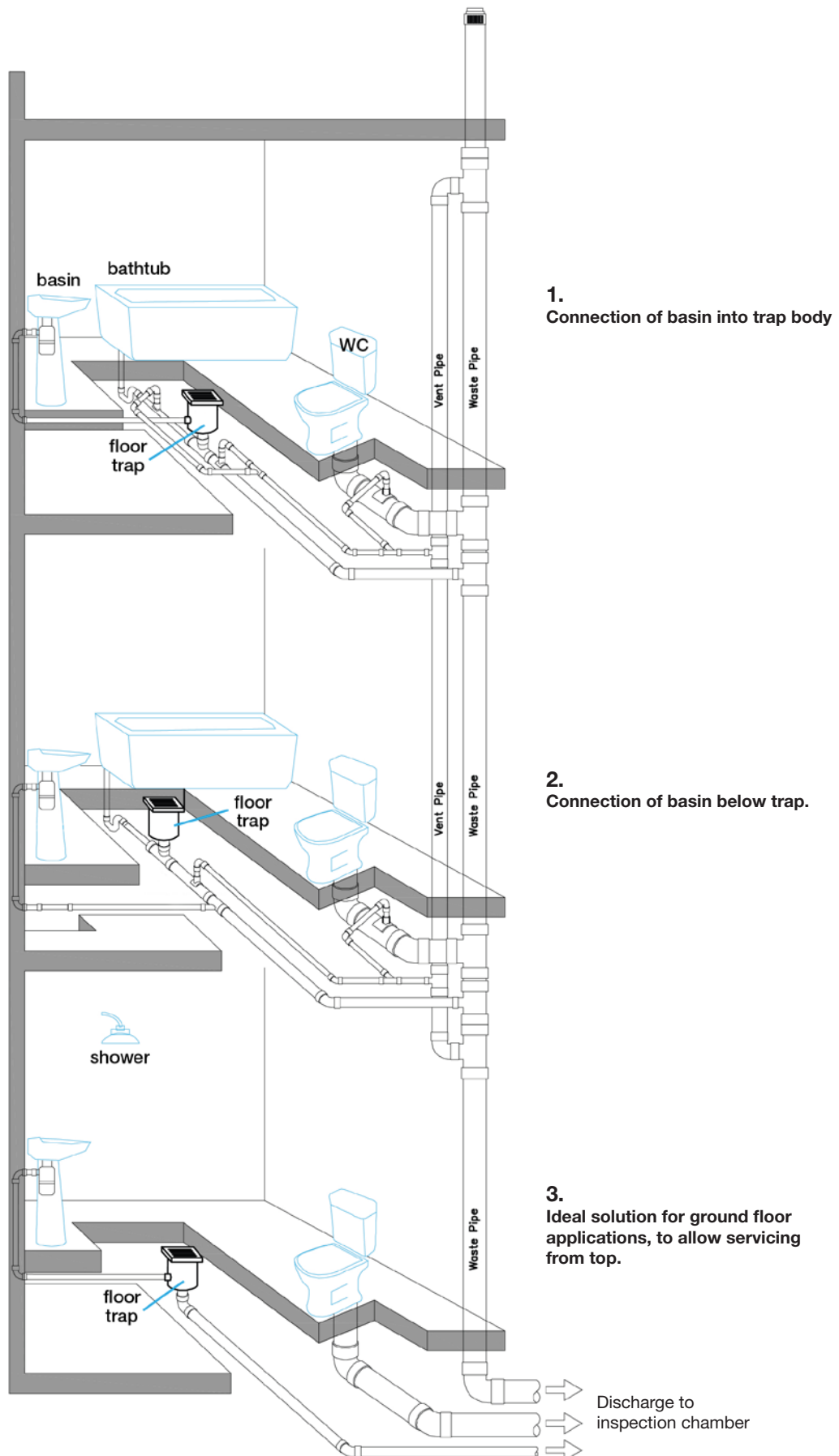


Cross Section Layout (connection of basin into trap body with venting)



\*All connections to trap body for S2 models should have their individual traps.

# Schematic Layout



# Technical Data

The flow rating or capacity of a floor drain is determined by several factors:

## Size of Waste-line

A horizontal branch waste-line with normal pitch or slope, with a deep seal trap at drain outlet is capable of conveying as follows:

Size	Flow Rate
2 inch (50mm)	10 to 25 GPM
3 inch (75mm)	30 to 75 GPM
4 inch (100mm)	75 to 150 GPM

Traps with sediment buckets, strainers, etc. will reduce maximum flow rating by up to 20%

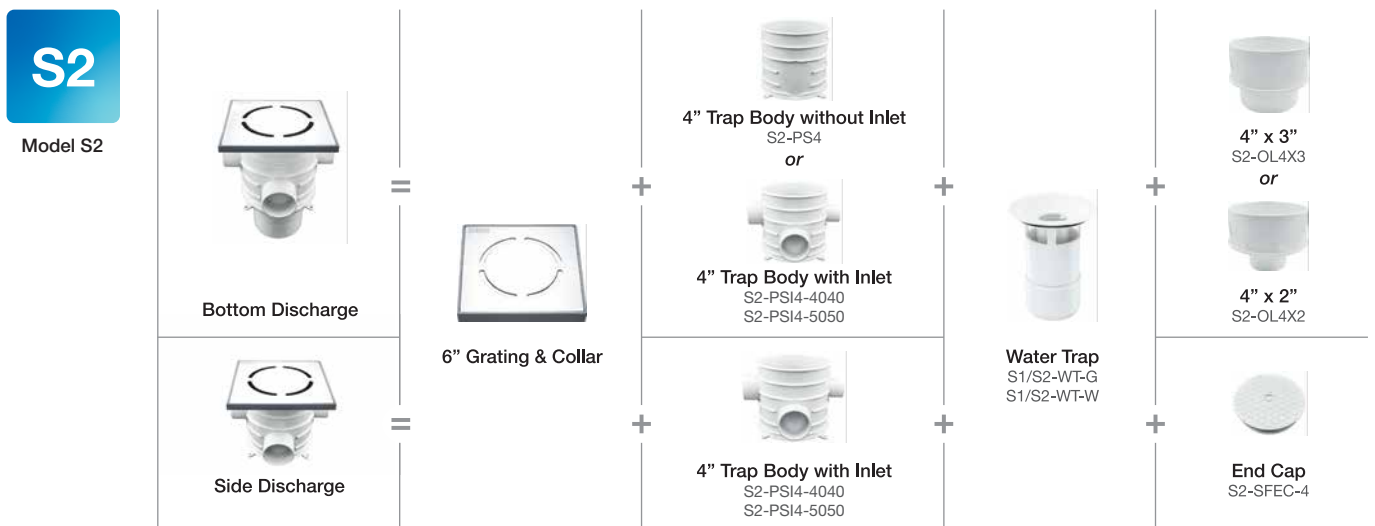
The table gives general reference when considering overflow of fixtures or sources of water that may be discharged through floor drains.

Fixtures	Flow (GPM)
Wash Basin	5-7
Kitchen Sink	8-10
Bath	6-10
Shower	5-8
Washing Machine	4-6
Dish Washing Machine	4-6

## Tests undergone by the SANSICO Floor Trap/Gulley

- Load Test
- Depth of Water Seal
- Resistance of Water Seal to Pressure
- Access for Cleaning
- Anti Blockage
- Temperature Cycling
- Odour Tightness
- Water Tightness of Body
- Flow Rate Test

## Summary of S2 system





## 360° Aligning Collar



# Another Innovative product from us.

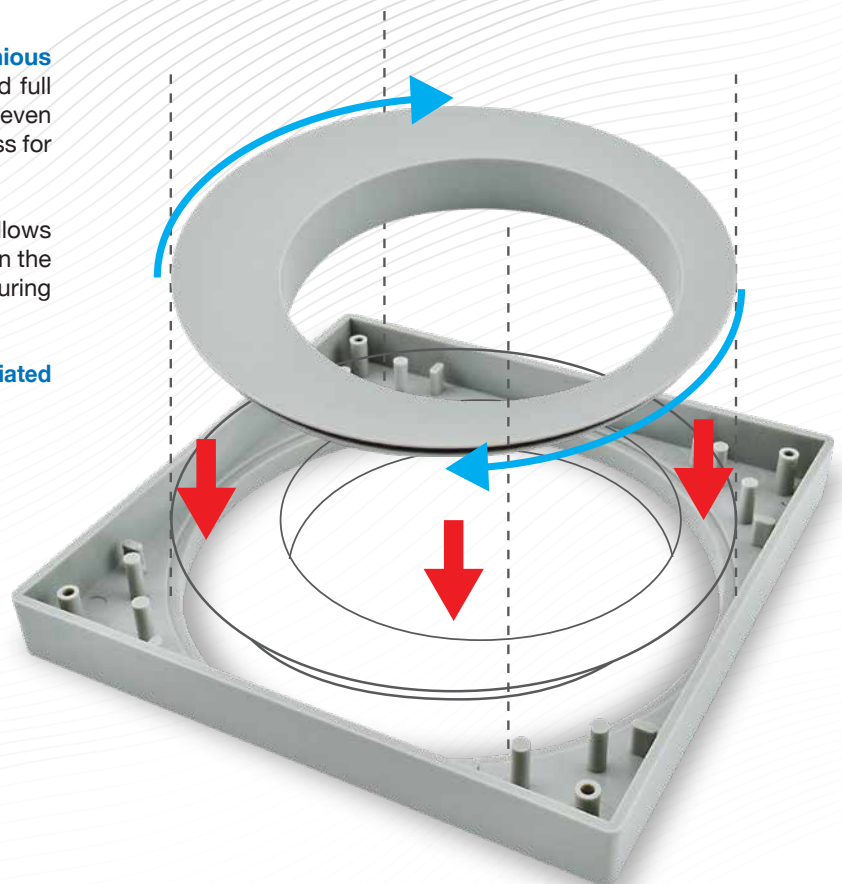
With the many obvious benefits, advantages and increasing popularity of in-slab floor traps, there is an increasing need to have easy and uninterrupted access to the inside of these traps for maintenance purposes.

Towards this end, Sansico has patented an **ingenious floor trap collar system** that gives unlimited and full access to the floor trap. The opening size is even larger than the trap itself, this provides easy access for maintenance and repair.

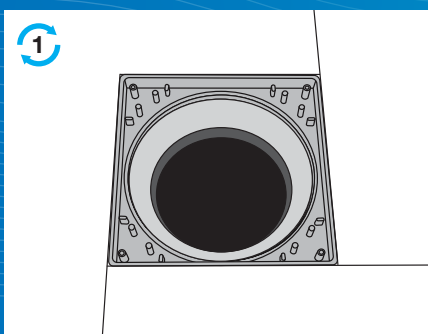
The central part of this collar is rotatable and allows for a misalignment up to 20mm (in any direction) in the collar placing, this can sometimes happen during tiling.

**Usage of this collar eliminates all problems associated with access to floor traps for maintenance.**

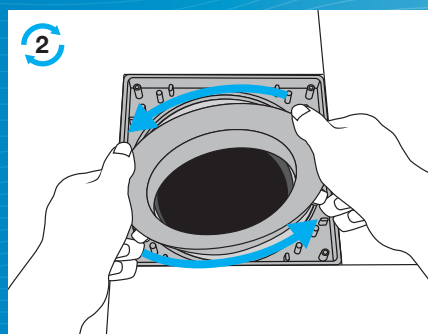
A great value item, makes life easier for the end user.



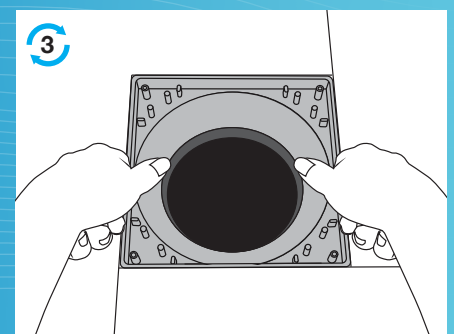
## Installation Method



1 Install collar frame.



2 Adjust position by using adjustable collar insert.



3 Push the collar insert into collar frame.



# Notes



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