

**SANSICO**<sup>sm</sup>

**HANSEN**<sup>sm</sup>

Complies to BS EN 1253:2003

# TOP ACCESS FLOOR TRAP SYSTEM

# S3

# LOOKS BETTER & FLOWS FASTER



## LUXURIOUS GRATINGS & COLLARS

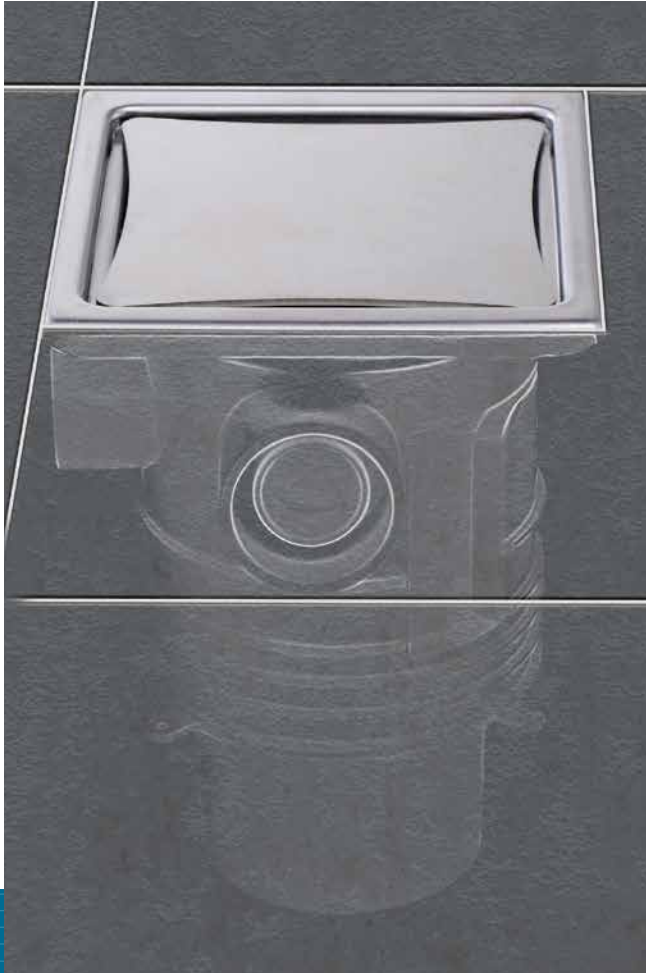
Quality without Compromise  
Elegant Gratings with Trap System



Print Edition for June 2022

# Top Access Floor trap System

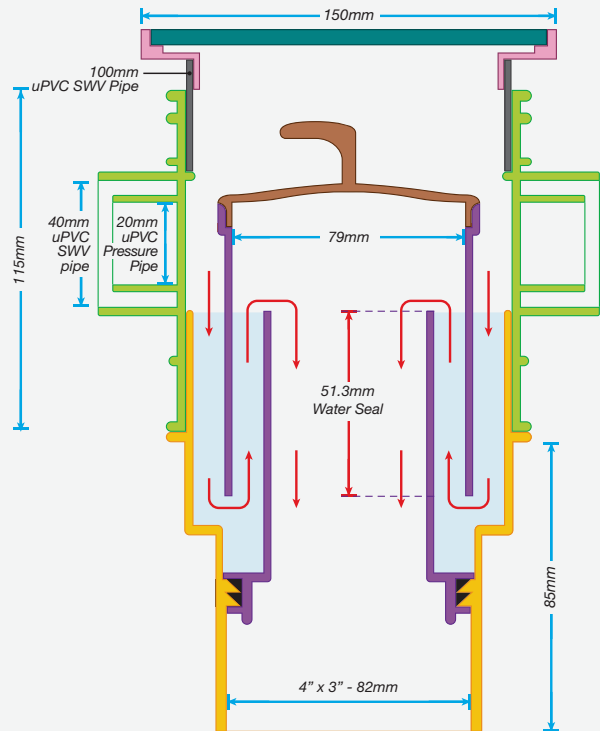
## S3 Model



**Flow rate:**  
**80 litres / minute**

\*Sirim requirement: 48 litres / minute



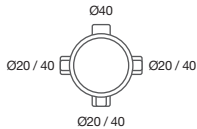

**Dimensions of**  
S3 model Top Access Floor Trap System  
4" Pipe Sleeve



**Benefits of S3 Trap system:**

- ✓ Prevents foul smell and insects from entering the house
- ✓ Top cleaning / access
- ✓ Higher False Ceiling, space saving
- ✓ 75mm opening for rodding purpose
- ✓ Can connect air conditioner / washing machine drain pipe to the trap body (pipe sleeve). It comes with built in sockets for the purpose
- ✓ 20 years warranty for EPDM rubber sealing mechanism

**Trap System Product Code**

| Trap Insert   | Trap Body   | Outlet   |
|---|---|--|
|  <p>S3-TIL (Locking)</p> |  <p>S3-TBIN</p> <p>Top View</p>  |  <p>S3-LOL4X3</p> |

# 6" & 4" Grating & Collar

## Web / Round / Fish / Blank



**4" Web-1**

-  **Plastic Grating**  
S1-GP-W
-  **Standard Plastic Collar**  
S3/SF-CP4-W






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

-  **Plastic Grating**  
S1-GP-W-32PP
-  **Standard Plastic Collar**  
S3/SF-CP4-W






**6" Web-2**

-  **Plastic Grating**  
GP-W
-  **Standard Plastic Collar**  
S3/SF-CP-6P
-  **360° Aligning Collar**  
S3/SF-ACP-6P



**6" Web-2**  
c/w Washing Machine Hose Opening + Plastic Plug

-  **Plastic Grating**  
GP-W-32PP
-  **Standard Plastic Collar**  
S3/SF-CP-6P
-  **360° Aligning Collar**  
S3/SF-ACP-6P




**6" Round-2**

-  **Stainless Steel Grating**  
GSS-R
-  **Stainless Steel Collar**  
S3/SF-CSS-R





**6" Round-2**  
c/w Washing Machine Hose Opening + SS Plug

-  **Stainless Steel Grating**  
GSS-R-32SSP
-  **Stainless Steel Collar**  
S3/SF-CSS-R



**6" Fish-2**

-  **Stainless Steel Grating**  
GSS-F
-  **Stainless Steel Collar**  
S3/SF-CSS-R






**6" Stainless Steel Blank-2**  
c/w Washing Machine Hose Opening + SS Plug

-  **Stainless Steel Grating**  
GSS-B-32SSP
-  **Standard Plastic Collar**  
S3/SF-CP-6SS-G (Grey)  
S3/SF-CP-6SS-W (White)
-  **360° Aligning Collar**  
S3/SF-ACP-6SS-G (Grey)  
S3/SF-ACP-6SS-W (White)



**6" Plastic Blank-2**

-  **Plastic Grating**  
GP-B
-  **Standard Plastic Collar**  
S3/SF-CP-6P
-  **360° Aligning Collar**  
S3/SF-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**  
S3/SF-CPSSL-TT-G (Grey)  
S3/SF-CPSSL-TT-W (White)
-  **360° Aligning Collar**  
S3/SF-ACPSSL-TT-G (Grey)  
S3/SF-ACPSSL-TT-W (White)






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

-  **Stainless Steel Tile Tray**  
TSS-TT6
-  **Standard Plastic Collar**  
S3/SF-CP-TT-G (Grey)  
S3/SF-CP-TT-W (White)
-  **360° Aligning Collar**  
S3/SF-ACP-TT-G (Grey)  
S3/SF-ACP-TT-W (White)






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

-  **Plastic Tile Tray**  
TP-TT6-W
-  **Standard Plastic Collar**  
S3/SF-CP-TT-W
-  **360° Aligning Collar**  
S3/SF-ACP-TT-W





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

-  **Plastic Tile Tray**  
TP-TT6-G
-  **Standard Plastic Collar**  
S3/SF-CP-TT-G
-  **360° Aligning Collar**  
S3/SF-ACP-TT-G





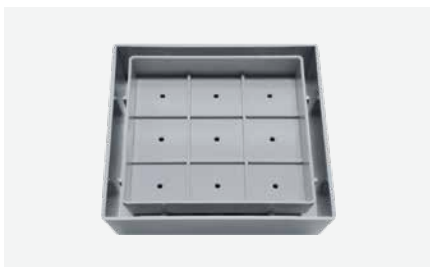
**4" Stainless Steel Tile Tray & Collar**

-  **Stainless Steel Tile Tray**  
TSS-TT4
-  **Standard Plastic Collar with SS Lining**  
S3/SF-CPSSL-TT4-G (Grey)  
S3/SF-CPSSL-TT4-W (White)





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

-  **Plastic Tile Tray**  
TP-TT4-W
-  **Standard Plastic Collar**  
S3/SF-CP-TT4-W



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

-  **Plastic Tile Tray**  
TP-TT4-G
-  **Standard Plastic Collar**  
S3/SF-CP-TT4-G

# 6" Grating & Collar

## Maze / Planar



**6" Maze-2**

- Stainless Steel Grating**  
GSS-M
- Stainless Steel Collar**  
S3/SF-CSS-S



**6" Maze-2**

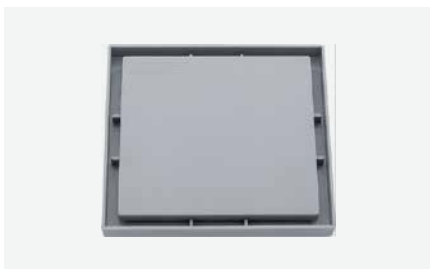
c/w Washing Machine Hose Opening + SS Plug

- Stainless Steel Grating**  
GSS-M-32SSP
- Stainless Steel Collar**  
S3/SF-CSS-S



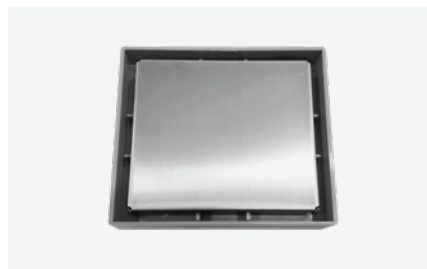
**6" Maze-2 White**

- Plastic Grating**  
GP-M-W
- Standard Plastic Collar**  
S3/SF-CP-M1-W
- 360° Aligning Collar**  
S3/SF-ACP(SSL)-TT-W



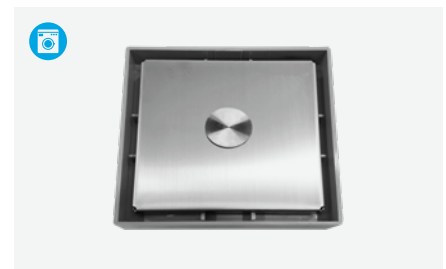
**6" Maze-2 Grey**

- Plastic Grating**  
GP-M-G
- Standard Plastic Collar**  
S3/SF-CP-M1-G
- 360° Aligning Collar**  
S3/SF-ACP(SSL)-TT-G



**6" Planar Short-2**

- Stainless Steel Grating**  
GSS-PS
- Standard Plastic Collar**  
S3/SF-CP(SSL)-TT-G (Grey)  
S3/SF-CP(SSL)-TT-W (White)
- 360° Aligning Collar**  
S3/SF-ACP(SSL)-TT-G (Grey)  
S3/SF-ACP(SSL)-TT-W (White)



**6" Planar Short-2**

c/w Washing Machine Hose Opening + SS Plug

- Stainless Steel Grating**  
GSS-PS-32SSP
- Standard Plastic Collar**  
S3/SF-CP(SSL)-TT-G (Grey)  
S3/SF-CP(SSL)-TT-W (White)
- 360° Aligning Collar**  
S3/SF-ACP(SSL)-TT-G (Grey)  
S3/SF-ACP(SSL)-TT-W (White)



**6" Planar Tall-2**

- Stainless Steel Grating**  
GSS-PT
- Standard Plastic Collar with SS Lining**  
S3/SF-CPSSL-TT-G (Grey)  
S3/SF-CPSSL-TT-W (White)
- 360° Aligning Collar**  
S3/SF-ACPSSL-TT-G (Grey)  
S3/SF-ACPSSL-TT-W (White)



**6" Planar Tall-2**

c/w Washing Machine Hose Opening + SS Plug

- Stainless Steel Grating**  
GSS-PT-32SSP
- Standard Plastic Collar with SS Lining**  
S3/SF-CPSSL-TT-G (Grey)  
S3/SF-CPSSL-TT-W (White)
- 360° Aligning Collar**  
S3/SF-ACPSSL-TT-G (Grey)  
S3/SF-ACPSSL-TT-W (White)

# 6" & 4" Grating & Collar

## Daisy



**6" Daisy Square-2**

- ✱ **Stainless Steel Grating**  
GSS-DS
- **Standard Plastic Collar**  
S3/SF-CP-6SS-G (Grey)  
S3/SF-CP-6SS-W (White)
- **360° Aligning Collar**  
S3/SF-ACP-6SS-G (Grey)  
S3/SF-ACP-6SS-W (White)



**6" Daisy Square-2**  
c/w Washing Machine Hose Opening + SS Plug

- ✱ **Stainless Steel Grating**  
GSS-DS-32SSP
- **Standard Plastic Collar**  
S3/SF-CP-6SS-G (Grey)  
S3/SF-CP-6SS-W (White)
- **360° Aligning Collar**  
S3/SF-ACP-6SS-G (Grey)  
S3/SF-ACP-6SS-W (White)



**6" Daisy Square-2 Anti-Theft**

- ✱ **Stainless Steel Grating**  
GSS-DS-AT
- **Standard Plastic Collar**  
S3/SF-CP-6SS-G (Grey)  
S3/SF-CP-6SS-W (White)
- **360° Aligning Collar**  
S3/SF-ACP-6SS-G (Grey)  
S3/SF-ACP-6SS-W (White)

\*2 nos Cross Head SS Screws Included



**6" Daisy Square-4**

- ✱ **Stainless Steel Grating**  
GSS-DS4
- **Stainless Steel Collar**  
S3/SF-CSS-S



**6" Daisy Square-4**  
c/w Washing Machine Hose Opening + SS Plug

- ✱ **Stainless Steel Grating**  
GSS-DS4-32SSP
- **Stainless Steel Collar**  
S3/SF-CSS-S



**6" Daisy Square-4 Anti-Theft**

- ✱ **Stainless Steel Grating**  
GSS-DS4-AT
- **Stainless Steel Collar**  
S3/SF-CSS-S-AT

\*2 nos Allen Key SS Screws Included



**6" Daisy Square-3**

- ✱ **Stainless Steel Grating**  
GSS-DS3
- **Standard Plastic Collar with SS Lining**  
S3/SF-CPSSL-G (Grey)  
S3/SF-CPSSL-W (White)
- **360° Aligning Collar**  
S3/SF-ACPSSL-G (Grey)  
S3/SF-ACPSSL-W (White)



**6" Daisy Square-3**  
c/w Washing Machine Hose Opening + SS Plug

- ✱ **Stainless Steel Grating**  
GSS-DS3-32SSP
- **Standard Plastic Collar with SS Lining**  
S3/SF-CPSSL-G (Grey)  
S3/SF-CPSSL-W (White)
- **360° Aligning Collar**  
S3/SF-ACPSSL-G (Grey)  
S3/SF-ACPSSL-W (White)



**6" Daisy Round-2**

- ✱ **Stainless Steel Grating**  
GSS-DR
- **Stainless Steel Collar**  
S3/SF-CSS-R



# 6" & 4" Grating & Collar

## Daisy



**6" Daisy Round-2**  
c/w Washing Machine Hose Opening + SS Plug

-  **Stainless Steel Grating**  
GSS-DR-32SSP
-  **Standard Plastic Collar**  
S3/SF-CSS-R



**4" Daisy-1**

-  **Stainless Steel Grating**  
S1-GSS-D
-  **Standard Plastic Collar**  
S3/SF-CP4-G (Grey)  
S3/SF-CP4-W (White)



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

-  **Stainless Steel Grating**  
S1-GSS-D-32SSP
-  **Standard Plastic Collar**  
S3/SF-CP4-G (Grey)  
S3/SF-CP4-W (White)



**4" Daisy-1 Anti-Theft**

-  **Stainless Steel Grating**  
S1-GSS-D-AT
-  **Standard Plastic Collar**  
S3/SF-CP4-G (Grey)  
S3/SF-CP4-W (White)

# 6" Grating & Collar

## Venus



**6" Venus Square-2**

- Stainless Steel Grating**  
GSS-VS
- Standard Plastic Collar**  
S3/SF-CP-6SS-G (Grey)  
S3/SF-CP-6SS-W (White)
- 360° Aligning Collar**  
S3/SF-ACP-6SS-G (Grey)  
S3/SF-ACP-6SS-W (White)



**6" Venus Square-2**  
c/w Washing Machine Hose Opening + SS Plug

- Stainless Steel Grating**  
GSS-VS-32SSP
- Standard Plastic Collar**  
S3/SF-CP-6SS-G (Grey)  
S3/SF-CP-6SS-W (White)
- 360° Aligning Collar**  
S3/SF-ACP-6SS-G (Grey)  
S3/SF-ACP-6SS-W (White)



**6" Venus Square-2 Anti-Theft**

- Stainless Steel Grating**  
GSS-VS-AT
- Standard Plastic Collar**  
S3/SF-CP-6SS-G (Grey)  
S3/SF-CP-6SS-W (White)
- 360° Aligning Collar**  
S3/SF-ACP-6SS-G (Grey)  
S3/SF-ACP-6SS-W (White)

\*2 nos Cross Head SS Screws Included



**6" Venus Square-4**

- Stainless Steel Grating**  
GSS-VS4
- Stainless Steel Collar**  
S3/SF-CSS-S



**6" Venus Square-4**  
c/w Washing Machine Hose Opening + SS Plug

- Stainless Steel Grating**  
GSS-VS4-32SSP
- Stainless Steel Collar**  
S3/SF-CSS-S



**6" Venus Square-4 Anti-Theft**

- Stainless Steel Grating**  
GSS-VS4-AT
- Stainless Steel Collar**  
S3/SF-CSS-S-AT

\*2 nos Allen Key SS Screws Included



**6" Venus Square-3**

- Stainless Steel Grating**  
GSS-VS3
- Standard Plastic Collar with SS Lining**  
S3/SF-CPSSL-G (Grey)  
S3/SF-CPSSL-W (White)
- 360° Aligning Collar**  
S3/SF-ACPSSL-G (Grey)  
S3/SF-ACPSSL-W (White)



**6" Venus Square-3**  
c/w Washing Machine Hose Opening + SS Plug

- Stainless Steel Grating**  
GSS-VS3-32SSP
- Standard Plastic Collar with SS Lining**  
S3/SF-CPSSL-G (Grey)  
S3/SF-CPSSL-W (White)
- 360° Aligning Collar**  
S3/SF-ACPSSL-G (Grey)  
S3/SF-ACPSSL-W (White)



**6" Venus Round-2**

- Stainless Steel Grating**  
GSS-VR
- Stainless Steel Collar**  
S3/SF-CSS-R



# 6" Grating & Collar

Venus



## 6" Venus Round-2

c/w Washing Machine Hose Opening + SS Plug

- Stainless Steel Grating**  
GSS-VR-32SSP
- Stainless Steel Collar**  
S3/SF-CSS-R

# 6" Grating & Collar

## Bamboo



**6" Bamboo-2**

- ☰ **Stainless Steel Grating**  
GSS-BB
- **Standard Plastic Collar**  
S3/SF-CP-6SS-G (Grey)  
S3/SF-CP-6SS-W (White)
- **360° Aligning Collar**  
S3/SF-ACP-6SS-G (Grey)  
S3/SF-ACP-6SS-W (White)



**6" Bamboo-2 Anti-Theft**

- ☰ **Stainless Steel Grating**  
GSS-BB-AT
- **Standard Plastic Collar**  
S3/SF-CP-6SS-G (Grey)  
S3/SF-CP-6SS-W (White)
- **360° Aligning Collar**  
S3/SF-ACP-6SS-G (Grey)  
S3/SF-ACP-6SS-W (White)



**6" Bamboo-3**

- ☰ **Stainless Steel Grating**  
GSS-BB3
- **Standard Plastic Collar with SS Lining**  
S3/SF-CPSSL-G (Grey)  
S3/SF-CPSSL-W (White)
- **360° Aligning Collar**  
S3/SF-ACPSSL-G (Grey)  
S3/SF-ACPSSL-W (White)



**6" Bamboo-4**

- ☰ **Stainless Steel Grating**  
GSS-BB4
- **Stainless Steel Collar**  
S3/SF-CSS-S



**6" Bamboo-4 Anti-Theft**




- ☰ **Stainless Steel Grating**  
GSS-BB4-AT
- **Stainless Steel Collar**  
S3/SF-CSS-S-AT

# 6" Grating & Collar

## Diamond





**6" Diamond Square-2**

-  **Stainless Steel Grating**  
GSS-DMS
-  **Standard Plastic Collar**  
S3/SF-CP-6SS-G (Grey)  
S3/SF-CP-6SS-W (White)
-  **360° Aligning Collar**  
S3/SF-ACP-6SS-G (Grey)  
S3/SF-ACP-6SS-W (White)






**6" Diamond Square-2 Anti-Theft**

-  **Stainless Steel Grating**  
GSS-DMS-AT
-  **Standard Plastic Collar**  
S3/SF-CP-6SS-G (Grey)  
S3/SF-CP-6SS-W (White)
-  **360° Aligning Collar**  
S3/SF-ACP-6SS-G (Grey)  
S3/SF-ACP-6SS-W (White)





**6" Diamond Square-3**

-  **Stainless Steel Grating**  
GSS-DMS3
-  **Standard Plastic Collar with SS Lining**  
S3/SF-CPSSL-6SS-G (Grey)  
S3/SF-CPSSL-6SS-W (White)
-  **360° Aligning Collar**  
S3/SF-ACPSSL-G (Grey)  
S3/SF-ACPSSL-W (White)





**6" Diamond Round-2**

-  **Stainless Steel Grating**  
GSS-DMR
-  **Stainless Steel Collar**  
S3/SF-CSS-R



**6" Diamond Square-4**

-  **Stainless Steel Grating**  
GSS-DMS4
-  **Stainless Steel Collar**  
S3/SF-CSS-S



**6" Diamond Square-4 Anti-Theft**




-  **Stainless Steel Grating**  
GSS-DMS4-AT
-  **Stainless Steel Collar**  
S3/SF-CSS-S-AT

# 6" & 4" Grating & Collar

## Chess






**6" Chess Square-2**

-  **Stainless Steel Grating**  
GSS-CHS
-  **Standard Plastic Collar**  
S3/SF-CP-6SS-G (Grey)  
S3/SF-CP-6SS-W (White)
-  **360° Aligning Collar**  
S3/SF-ACP-6SS-G (Grey)  
S3/SF-ACP-6SS-W (White)






**6" Chess Square-2 Anti-Theft**

-  **Stainless Steel Grating**  
GSS-CHS-AT
-  **Standard Plastic Collar**  
S3/SF-CP-6SS-G (Grey)  
S3/SF-CP-6SS-W (White)
-  **360° Aligning Collar**  
S3/SF-ACP-6SS-G (Grey)  
S3/SF-ACP-6SS-W (White)





**6" Chess Square-3**

-  **Stainless Steel Grating**  
GSS-CHS3
-  **Standard Plastic Collar with SS Lining**  
S3/SF-CPSSL-6SS-G (Grey)  
S3/SF-CPSSL-6SS-W (White)
-  **360° Aligning Collar**  
S3/SF-ACPSSL-G (Grey)  
S3/SF-ACPSSL-W (White)





**6" Chess Round-2**

-  **Stainless Steel Grating**  
GSS-CHR
-  **Stainless Steel Collar**  
S3/SF-CSS-R





**6" Chess Square-4**

-  **Stainless Steel Grating**  
GSS-CHS4
-  **Stainless Steel Collar**  
S3/SF-CSS-S



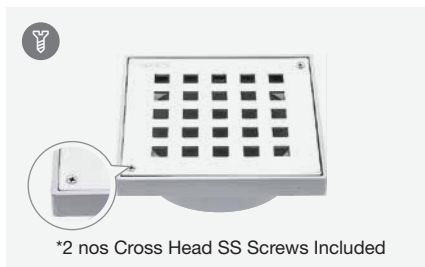
**6" Chess Square-4 Anti-Theft**

-  **Stainless Steel Grating**  
GSS-CHS4-AT
-  **Stainless Steel Collar**  
S3/SF-CSS-S-AT



**4" Chess-1**

-  **Stainless Steel Grating**  
S1-GSS-C
-  **Standard Plastic Collar**  
S3/SF-CP4-G (Grey)  
S3/SF-CP4-W (White)



**4" Chess-1 Anti-Theft**



-  **Stainless Steel Grating**  
S1-GSS-C-AT
-  **Standard Plastic Collar**  
S3/SF-CP4-G (Grey)  
S3/SF-CP4-W (White)

# 6" Grating & Collar

## Chequer






**6" Chequer Square-2**

-  **Stainless Steel Grating**  
GSS-CQS
-  **Standard Plastic Collar**  
S3/SF-CP-6SS-G (Grey)  
S3/SF-CP-6SS-W (White)
-  **360° Aligning Collar**  
S3/SF-ACP-6SS-G (Grey)  
S3/SF-ACP-6SS-W (White)






\*2 nos Cross Head SS Screws Included

**6" Chequer Square-2 Anti-Theft**

-  **Stainless Steel Grating**  
GSS-CQS-AT
-  **Standard Plastic Collar**  
S3/SF-CP-6SS-G (Grey)  
S3/SF-CP-6SS-W (White)
-  **360° Aligning Collar**  
S3/SF-ACP-6SS-G (Grey)  
S3/SF-ACP-6SS-W (White)





**6" Chequer Square-3**

-  **Stainless Steel Grating**  
GSS-CQS3
-  **Standard Plastic Collar with SS Lining**  
S3/SF-CPSSL-6SS-G (Grey)  
S3/SF-CPSSL-6SS-W (White)
-  **360° Aligning Collar**  
S3/SF-ACPSSL-G (Grey)  
S3/SF-ACPSSL-W (White)



**6" Chequer Round-2**

-  **Stainless Steel Grating**  
GSS-CQR
-  **Stainless Steel Collar**  
S3/SF-CSS-R



**6" Chequer Square-4**

-  **Stainless Steel Grating**  
GSS-CQS4
-  **Stainless Steel Collar**  
S3/SF-CSS-S



\*2 nos Allen Key SS Screws Included

**6" Chequer Square-4 Anti-Theft**

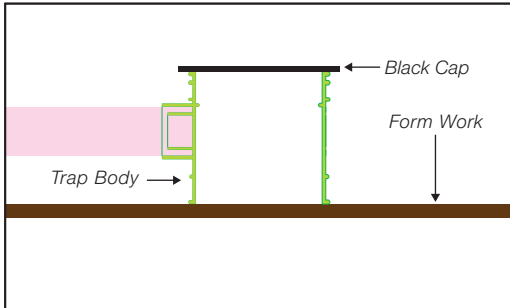
-  **Stainless Steel Grating**  
GSS-CQS4-AT
-  **Stainless Steel Collar**  
S3/SF-CSS-S-AT

# S3

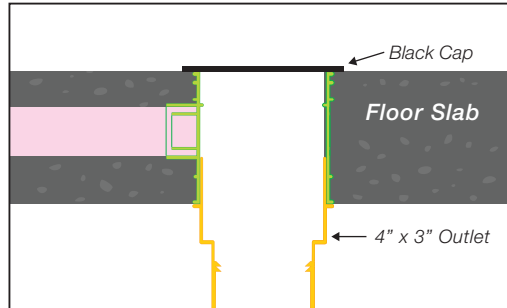
## Installation Method

It is highly recommended to use the black cap cover during installation and concreting.

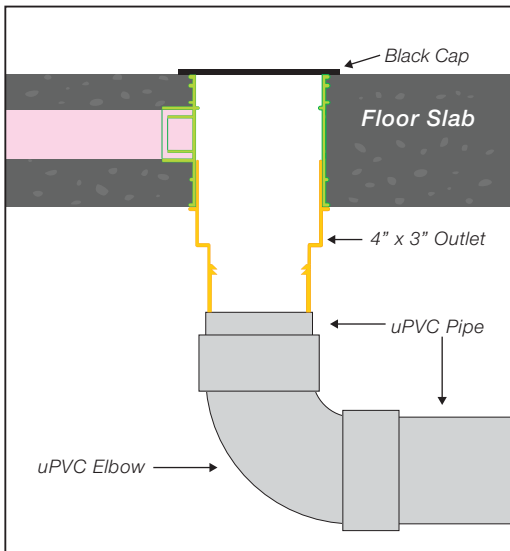
**Step 1:** Nail the trap body to form work, connect the drain pipes or air-cond discharge pipes if any.



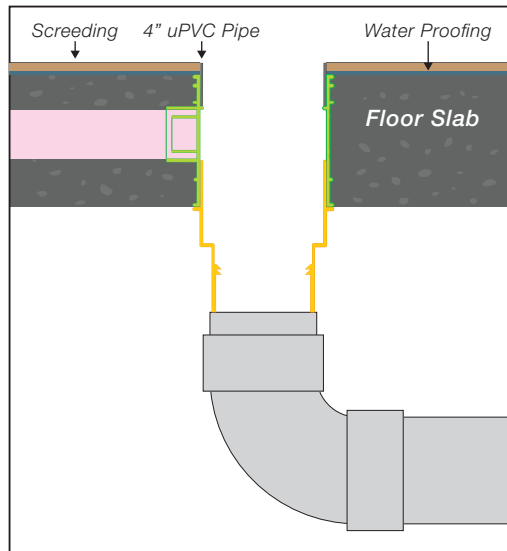
**Step 2:** Remove form work, fix outlet (with solvent cement).



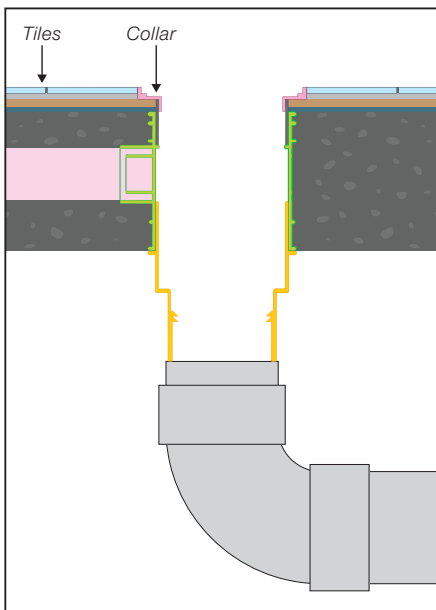
**Step 3:** Join bend or tee (with solvent cement) and fix uPVC pipe



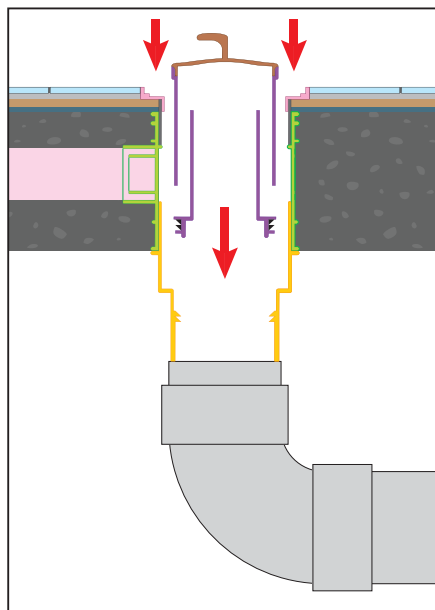
**Step 4:** Remove black cap (cover), join 4" uPVC pipe to top of the trap body. Water proof and screed.



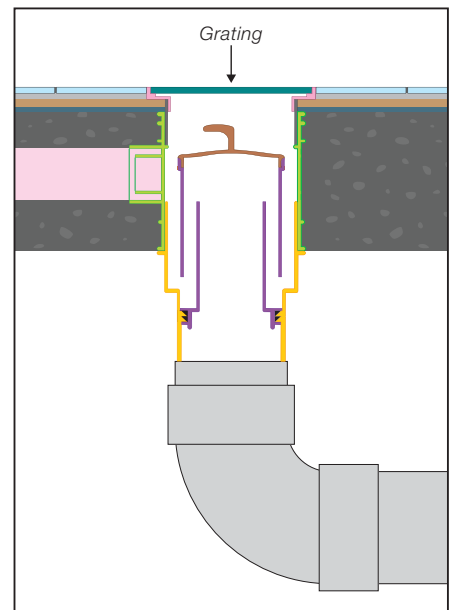
**Step 5:** Place collar and flush with tile work.



**Step 6:** Place trap insert.

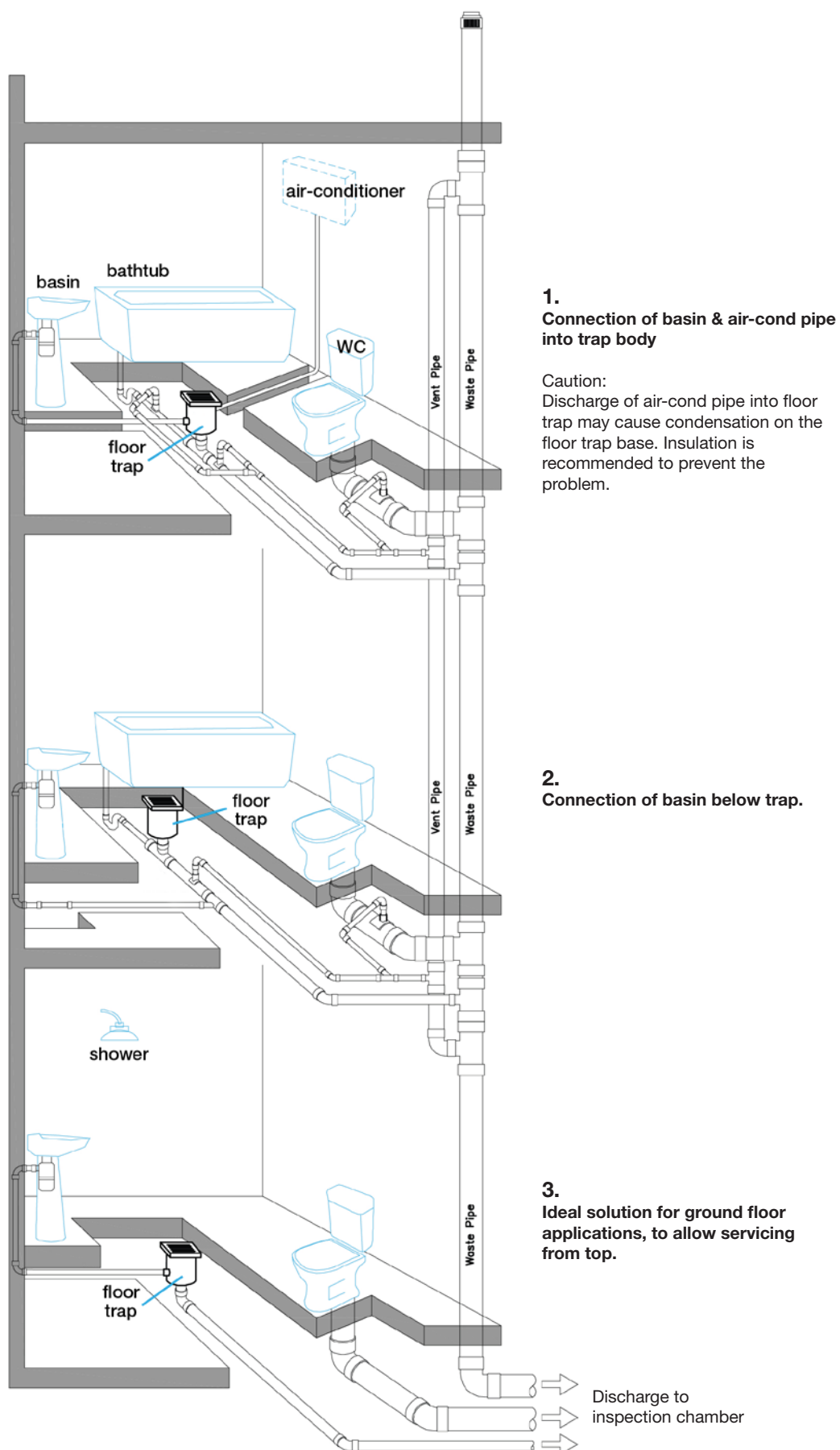


**Step 7:** Place grating. Installation completed.





# Schematic Layout



# EPDM Rubber

## THE USE OF EPDM RUBBER AS A SEALING MECHANISM

Rubber has proven to be one of the best media for seals in the last 100 years. It has proven to provide an extremely effective and long term seal.

It is highly chemical resistant to acids, alkali's and has excellent weathering properties.

Double fin profile provides superior protection



EPDM rubber seals have been used in pneumatic and hydraulic cylinders (perform very well under high pressures), seals used in water supply and underground sewer pipes (**buried in the ground, extremely chemical resistant, even with sewerage**), seals in vacuum cleaners and vacuum systems, EPDM is used as diaphragms in the palm oil industry and in thousands of other applications in the industry.

For that reason the

## SANSICO TOP ACCESS FLOOR TRAP



### Uses EPDM for its SEAL

this seal comes with a **20 years factory warranty**. You can rest easy, knowing that our traps are foul smell free and provide you with the best sealing mechanism available in the market.

Maximum Service Temperature:

150°C Minimum Service Temperature: -50°C

### Mechanical Properties

|   |              |
|---|--------------|
| Tensile strength with reinforcing fillers | very good    |
| Rebound resilience 20°C                   | good         |
| Rebound resilience 80°C                   | good         |
| Abrasion resistance                       | good         |
| Compression set                           | very good    |
| Hot air resistance                        | very good    |
| Low temperature flexibility               | fair to good |
| Oxidation resistance                      | excellent    |
| Resistance to weathering and ozone        | excellent    |
| Resistance to hydrolysis                  | very good    |
| Flame resistance                          | fair         |
| Resistance to                             |              |
| petrol                                    | low          |
| benzene                                   | low          |
| chlorinated hydrocarbons                  | low          |
| mineral oils and greases                  | low          |
| alcohol                                   | very good    |
| acids (non-oxidizing)                     | good         |
| alkalis                                   | good         |
| Electrical insulation properties          | excellent    |

# 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%

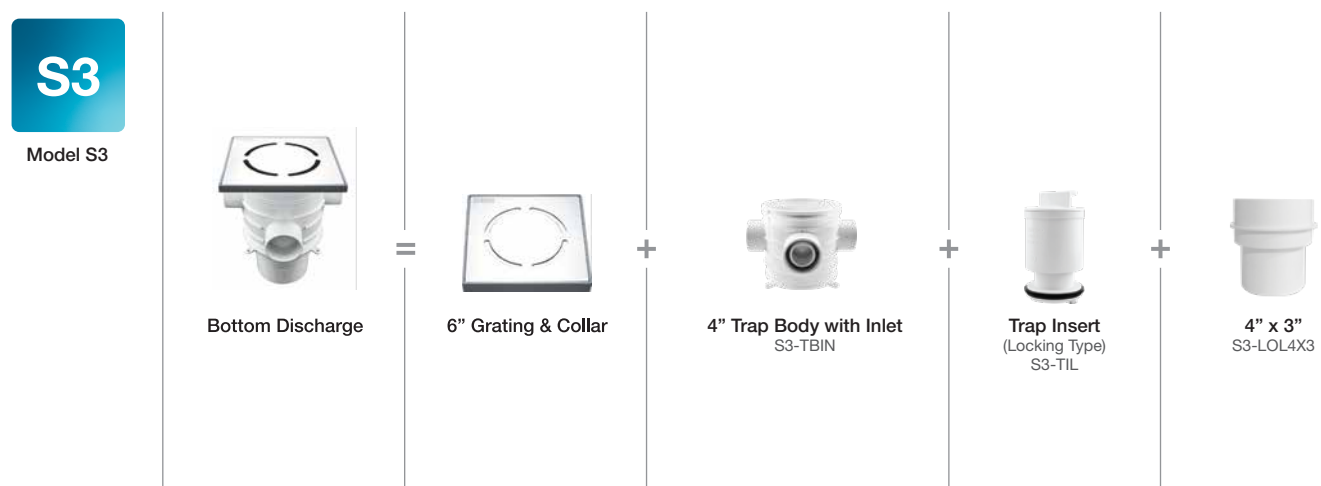
The table gives general reference when considering overflow of fixtures or sources of water that may be discharged through floor drains.

| 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 S3 system



## 360° Aligning Collar



# Another Innovative product from us.

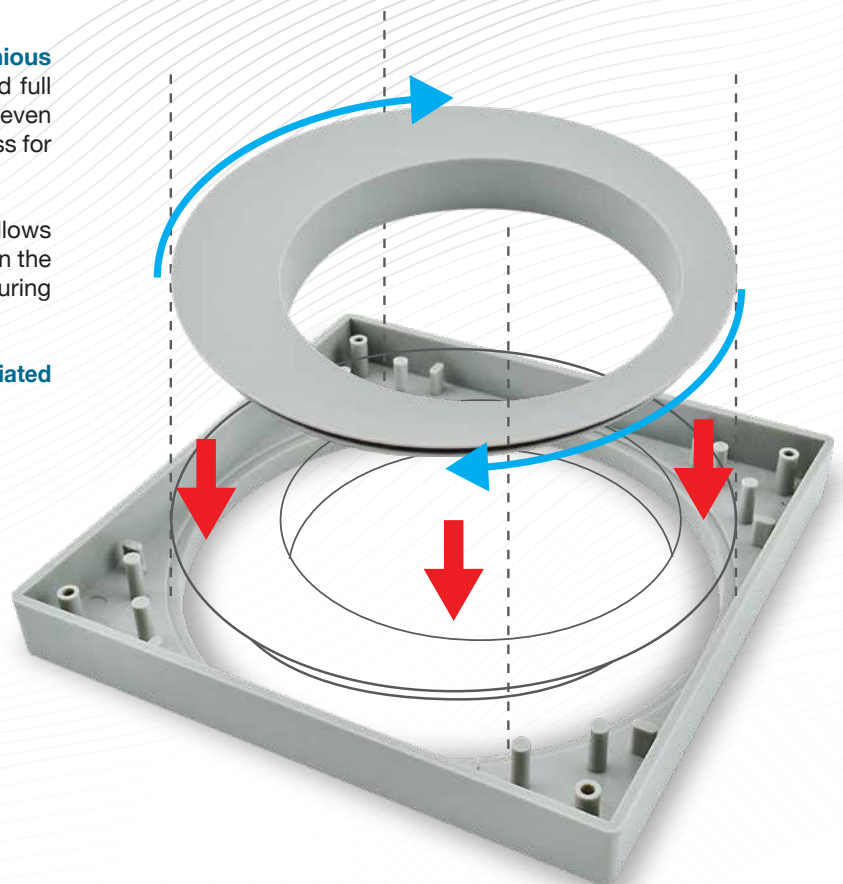
With the many obvious benefits, advantages and increasing popularity of in-slab floor traps, there is an increasing need to have easy and uninterrupted access to the inside of these traps for maintenance purposes.

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.

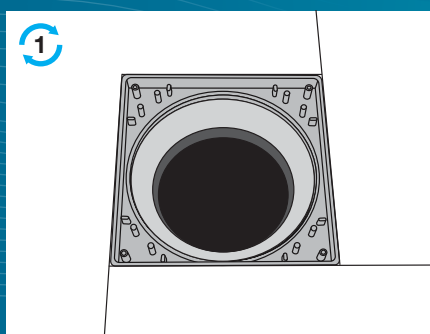
The central part of this collar is rotatable and allows for a misalignment up to 20mm (in any direction) in the collar placing, this can sometimes happen during tiling.

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

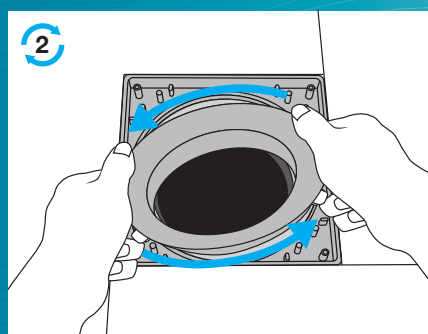
A great value item, makes life easier for the end user.



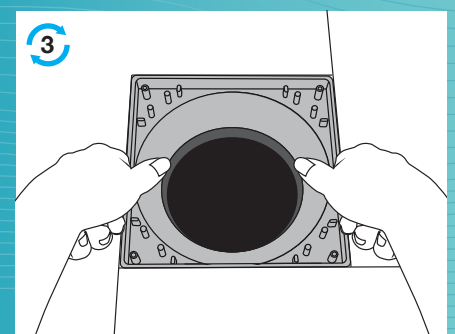
## Installation Method



1 Install collar frame.



2 Adjust position by using adjustable collar insert.



3 Push the collar insert into collar frame.







**Sansico Industries Sdn Bhd** (448766-D)

No. 20, Jalan Uranus AK U5/AK,  
Taman Subang Impian, Seksyen U5,  
40150 Shah Alam, Selangor.

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Tel : (603) 7859 7299 (Hunting Line)

Fax : (603) 7859 0299

E-mail : [enquiry@sansico.com.my](mailto:enquiry@sansico.com.my)

Website : [www.sansico.com.my](http://www.sansico.com.my)