

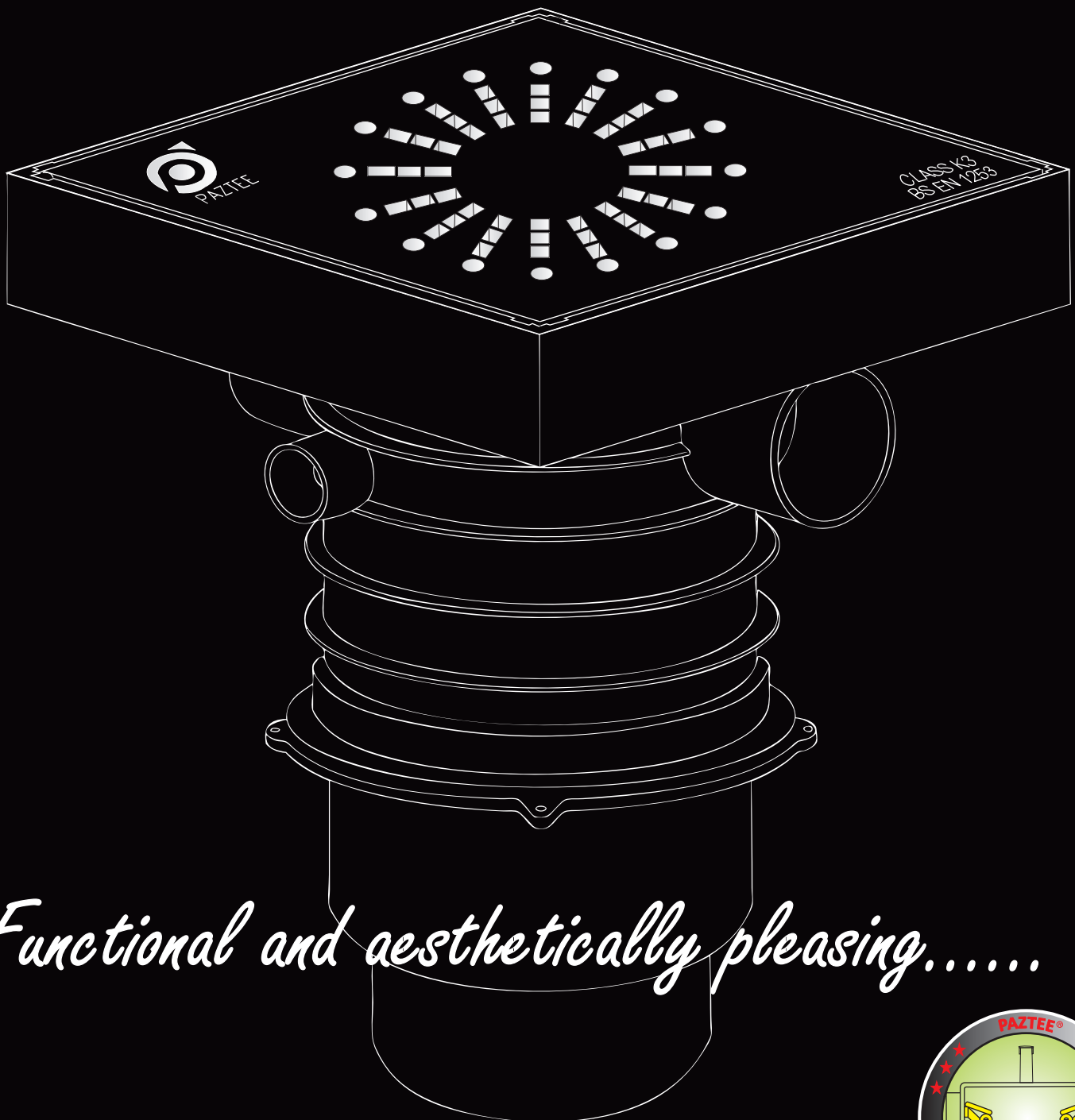


Patent Pending No.: PI2011002144

FLOOR GULLY TRAP

With optional trap sealer

PAZTEE



Functional and aesthetically pleasing.....



Company Profile

About Us

Justrade Marketing Sdn Bhd is primarily engaged in the business of developing, manufacturing and supplying quality drainage system components based on innovative ideas, aiming to provide superior engineering solution at a competitive price to our customers in the construction industry, both domestically and internationally.

We market our drainage system components under the brand name "PAZTEE®". Our PAZTEE® floor gully trap (with LAMINAR Grating) is certified by SIRIM (Standard Industrial Research Institute of Malaysia) to be in full compliance with BS EN1253-1:2003 (certification no: PC000200) and is manufactured under quality assurance system conforming to ISO 9001:2008.



We are committed to continuous improvement and will always strive to meet the quality requirements and needs of our customers.

Mission Statement

To meet our customer's expectations in quality, product performance and cost through continuous improvements and customers interaction.

Vision

To become a market leader in the business of developing, manufacturing and supplying drainage system components by providing superior products and services of exceptional value to our customers which in turn will help them to gain competitive advantage in their markets.

Business Approach

We believe that necessity is the mother of all inventions. We do not simply roll out a product for the purpose of increasing our business volume only but rather as a mean to provide a solution, or a better solution to our customers. By earning the trust from our customers, our business will grow steadily and fulfill the expectation of the stake holders.

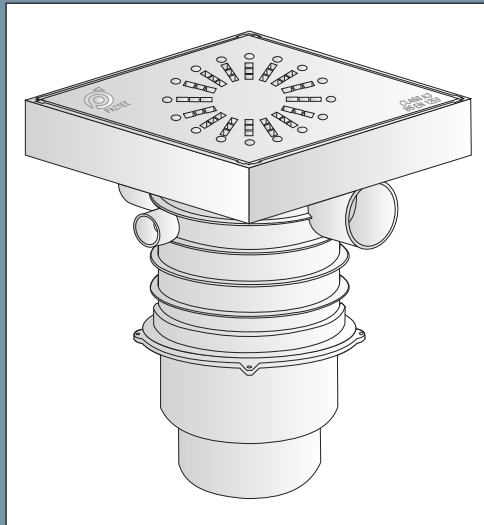
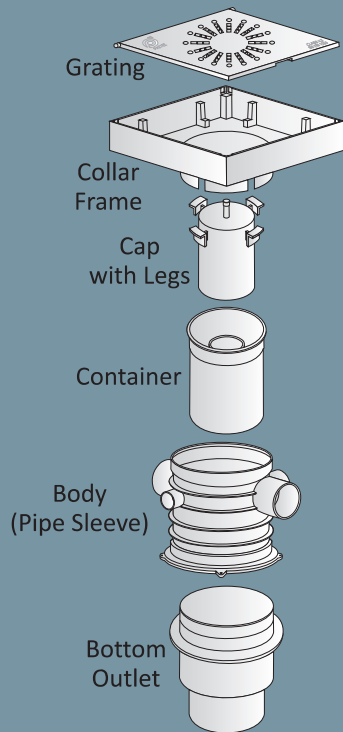
Our Products - PAZTEE® floor gully trap

To prevent air from the drainage system entering the building, there should be a trap having an adequate water seal on each sanitary appliance and on all points of discharge into the system. This trap shall be accessible and provided with adequate facility for cleaning.

At times, the floor traps may get blocked and the service of a plumber who has the knowhow and proper tools will be needed to clear the blockage. With PAZTEE® top accessible floor gully trap, the cleaning process is hassle free and can easily be carried out by anyone, at anytime.

The optional trap sealer, if added onto our PAZTEE® floor gully trap, will give further assurance and peace of mind to the house owners that the floor gully trap will still function properly even in the absence or insufficient of water replenishment into the water seal trap.

PAZTEE[®] Omicron Floor Gully Trap



Generally, our top accessible floor gully trap offers the following advantages as compared to the conventional floor traps.

1. Easy maintenance

Any blockage can be cleared by unlocking the grating and taking out the container for cleaning.

2. Ease of installation

Simple steps to follow during site installation and no ceiling access opening is required.

3. Effectiveness

Higher water seal depth is capable of effectively prevent the foul smell from entering into a building.

4. Hygienic

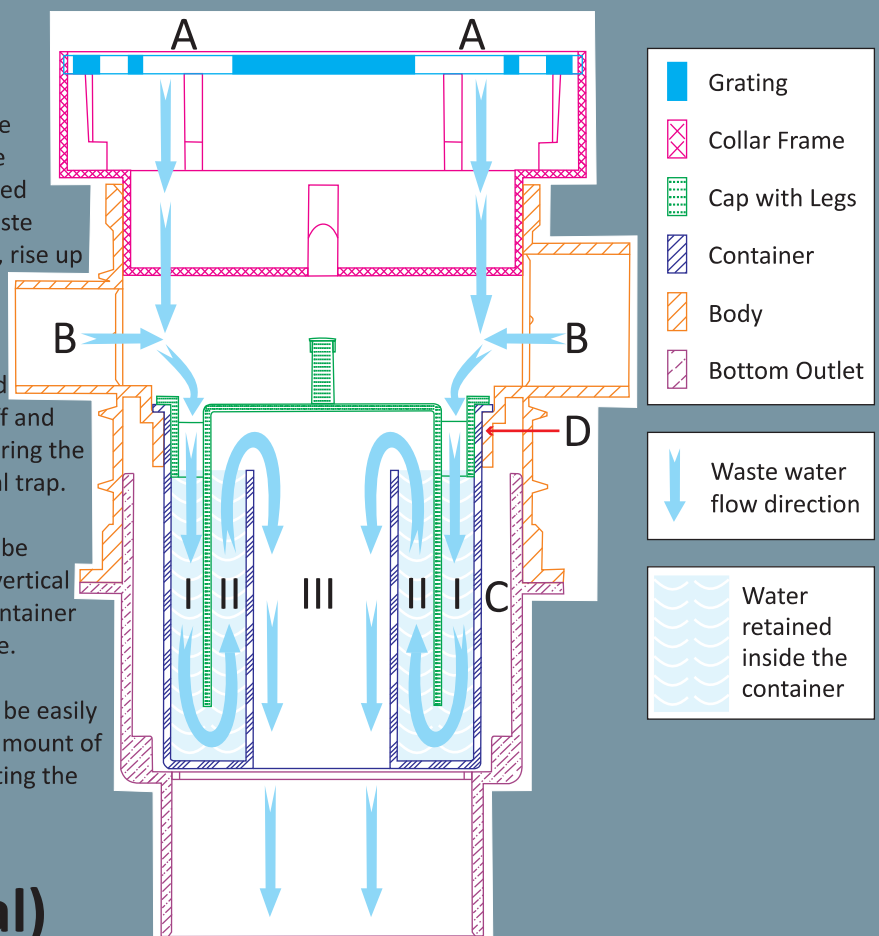
Prevents vermin encroach into the building from the drainage line via the floor traps.

Working Principle

Waste water on the floor surface will flow into the floor gully trap via its top opening area (A). Waste water from other appliances will also be channelled into the floor gully trap thru side inlets (B). All waste water will move down (passage I), make a U-turn, rise up (passage II), and then reverse the flow direction again (passage III) before being discharged out to the drainage pipework connected underneath the floor gully trap. The amount of water retained inside the container will act as a barrier to seal off and prevent foul smell from the drainage system entering the building, or in common term, it's called water seal trap.

The foul smell from the drainage system will also be blocked at the lower compartment (C) by a long vertical seal path (D) created by the contact surface of container and internal circumferential rim of the pipe sleeve.

The container, like a debris/sediment bucket, can be easily dislodged and taken out for cleaning should the amount of dirt accumulated inside the container is obstructing the smooth flow of water thru the floor gully trap.

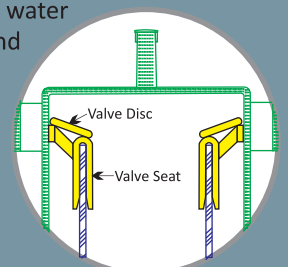


Trap Sealer (Optional)

The valve disc is made of light plastic material with density lower than water. Whenever there is waste water passing thru the floor gully trap, it will lift up the valve disc. This floatable valve disc will move freely and sits back properly on the valve seat when the water stop flowing.

In the event there is no or insufficient water replenishment into the water seal trap for a prolonged period of time, natural evaporation process will cause the water seal to break. When this really happens, the valve disc, works in tandem with the valve seat, will act as a back-up device to prevent the foul smell from escaping thru the floor gully trap and backflow to the building.

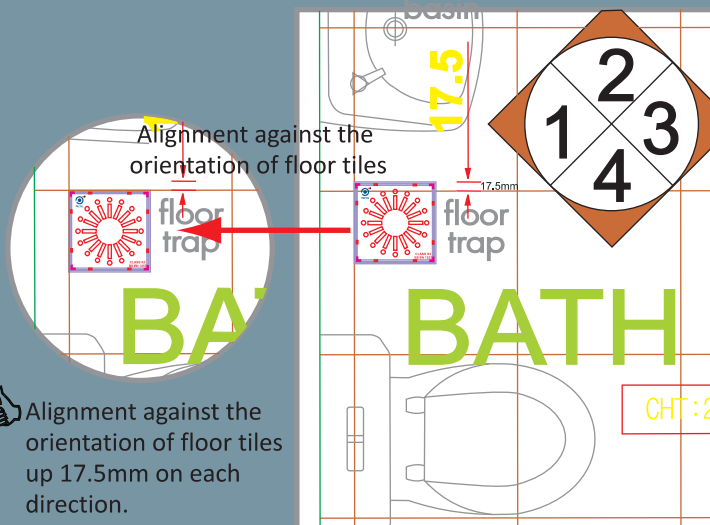
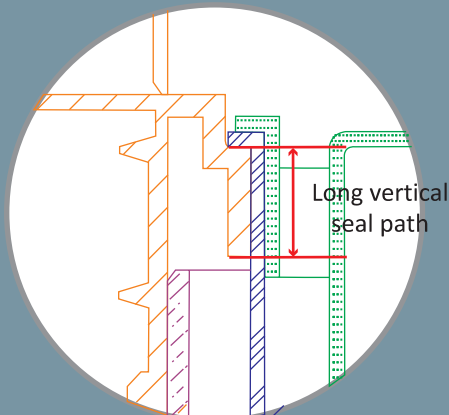
In short, with this trap sealer, PAZTEE[®] floor gully trap will still function properly even without water in the trap.



Special Features

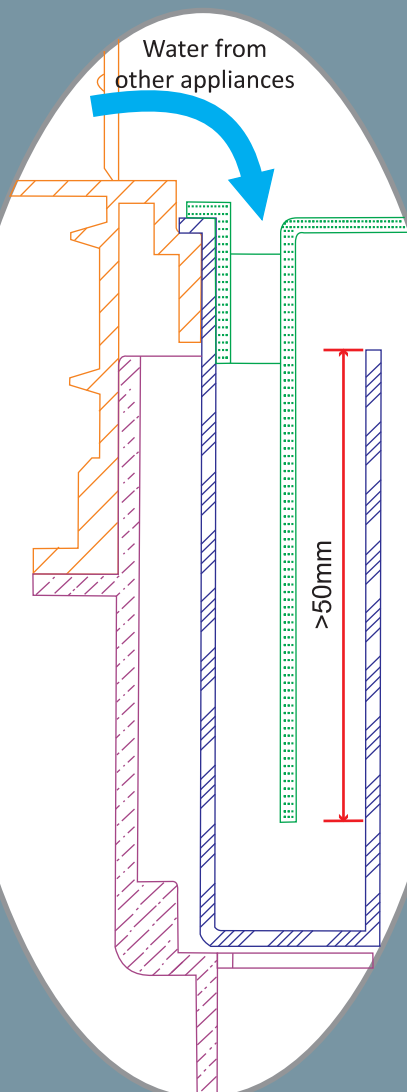
PAZTEE® floor gully trap (Patent Pending : PI2011002144) has been developed to address the shortfalls of the existing top accessible floor gully trap design, among the key added advantages offered by our new innovative floor gully trap design are,

- ✌ Long vertical seal path between the outer surface of container and inner surface of pipe sleeve that does not depend on the weight of water inside the container to maintain airtight seal.

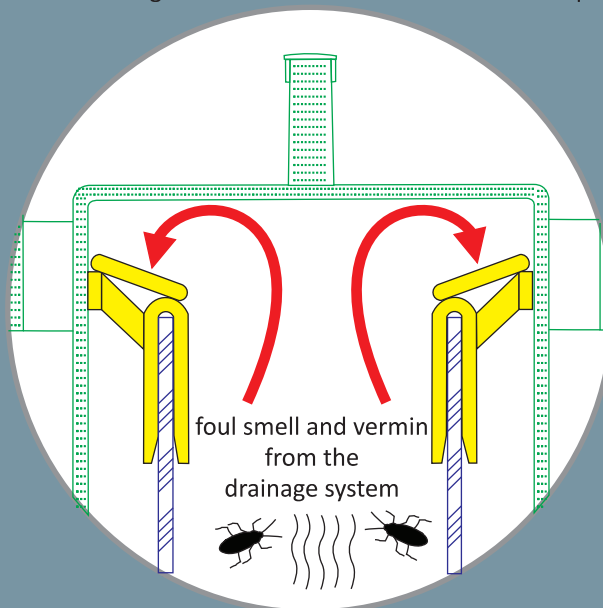


- 👍 Alignment against the orientation of floor tiles up 17.5mm on each direction.

- ✌ Allows the drainage connection from other appliances when embedded inside the 100mm (4") floor slab and at the same time fulfilling the minimum requirement on the water seal depth of 50mm under BS EN 1253-1:2003.



- 😊 Optional trap sealer capable of preventing the foul smell and vermin from the drainage system entering a building in the absence of water in the seal trap.



Test Method

Followings are among the tests conducted under Product Standard BS EN 1253-2:2003,

- 1). Loading Test*
- 2). Depth of Water Seal
- 3). Resistance of water seal to pressure
- 4). Access for cleaning
- 5). Anti-blockage
- 6). Temperature cycling
- 7). Odour tightness
- 8). Water tightness for gully body
- 9). Flow rate
 - i). Water through the grating**
 - ii). Water through the side inlets
 - iii). Water through the grating and side inlets

*PAZTEE® floor gully trap is rated to Class K3:- Area without vehicular traffic, such as bathroom in dwellings, old people's home, hotels, school, swimming baths, public wash and shower facilities, balconies, loggias, terraces and roof with greenery.

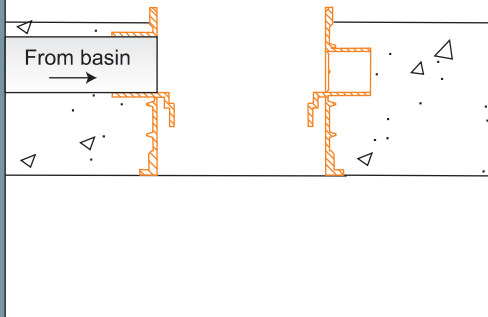
**Minimum requirement is 48 litres per minute

Installation Procedure

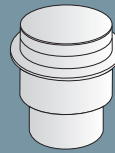
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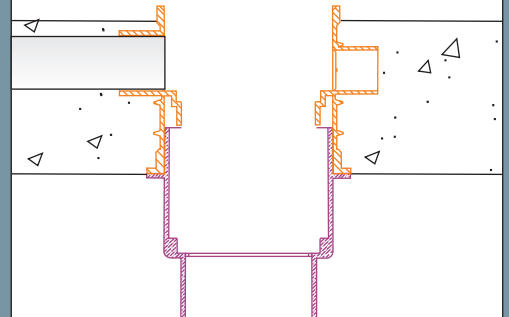
PAZTEE® Omicron body is being embedded in the RC slab during concreting stage. Connection from appliances such as basin, if required, shall also be done at this stage.



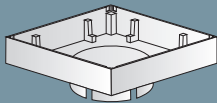
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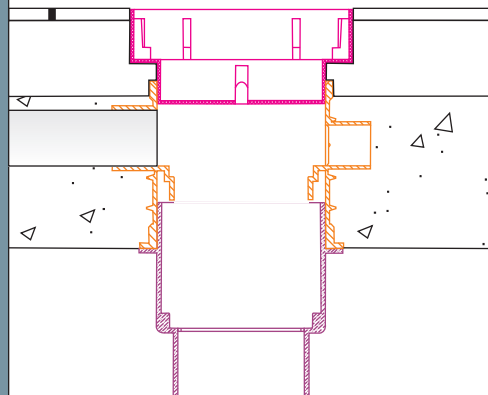
Joint the PAZTEE® Omicron bottom outlet to the body by using solvent cement. (Discharge pipe work is connected to this bottom outlet right after that.)



3



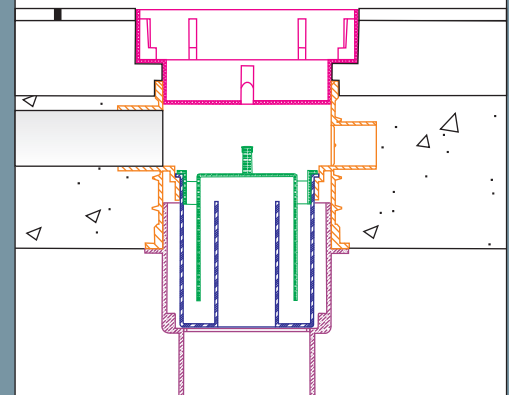
After applying water proofing, cement screed will be laid and leveled, followed by the tiling work. Install PAZTEE® Omicron collar 6G Frame flushing with the finishing level of floor tiles.



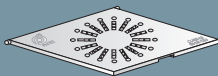
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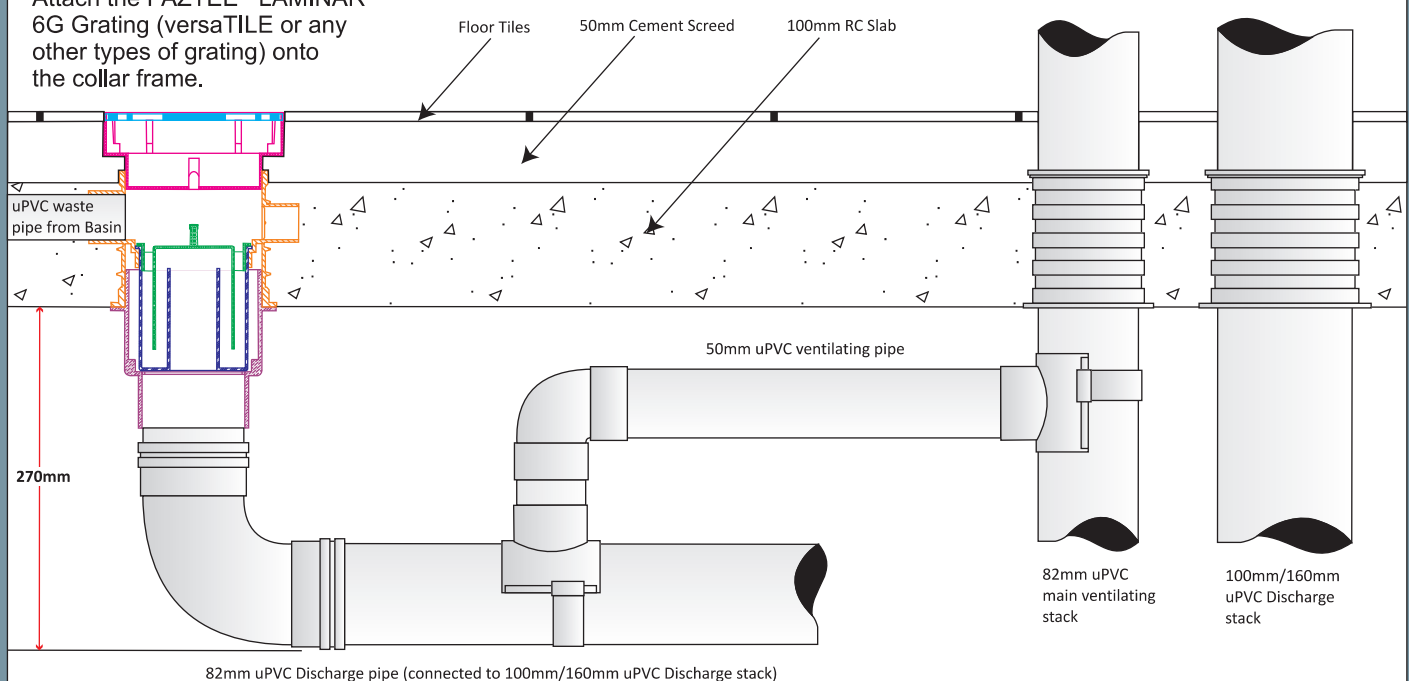
Drop in the PAZTEE® container together with the cap.







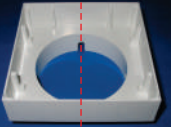
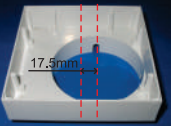
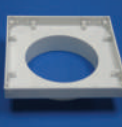
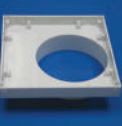






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Attach the PAZTEE® LAMINAR 6G Grating (versaTILE or any other types of grating) onto the collar frame.



Product Listing & Packaging

No.	Item	Description	Material	Part No.	Quantity Per Plastic Bag	Packaging Bag Dimension	Weight Per Bag
1		Omicron Plain Body (Pipe Sleeve)	uPVC	PZT-OPPS	25 pcs	L : 650mm W : 560mm H : 140mm	7.25kg
2		Omicron 4-Way Body (Pipe Sleeve)	uPVC	PZT-O4PS	25 pcs	L : 740mm W : 560mm H : 160mm	8.55kg
3		Omicron 82mm Bottom Outlet (to uPVC Pipe)	uPVC	PZT-OBO82	25 pcs	L : 580mm W : 520mm H : 140mm	5.85kg
4		Omicron 50mm Bottom Outlet (to uPVC Pipe)	uPVC	PZT-OBO50	25 pcs	L : 610mm W : 510mm H : 140mm	5.85kg
5		* Omicron Concentric Collar 6G Frame	ABS	PZT-OCC6GF	25 pcs	L : 890mm W : 150mm H : 140mm	2.39kg
6		* Omicron Eccentric Collar 6G Frame	ABS	PZT-OEC6GF	25 pcs	L : 740mm W : 150mm H : 200mm	2.39kg
7		* Omicron Concentric Collar 6G Frame (S)	ABS	PZT-OCC6GF(S)	25 pcs	L : 750mm W : 150mm H : 150mm	1.79kg
8		* Omicron Eccentric Collar 6G Frame (S)	ABS	PZT-ECC6GF(S)	25 pcs	L : 750mm W : 150mm H : 150mm	1.79kg
9		* Omicron Concentric Collar 4G Frame	ABS	PZT-OCC4GF	25 pcs	L : 550mm W : 210mm H : 105mm	1.09kg
10		* Conversation Adaptor	ABS	PZT-CA	25 pcs	L : 290mm W : 200mm H : 100mm	0.69kg
11		Caps with Legs	ABS	PZT-CL	25 sets	L : 570mm W : 450mm H : 90mm	2.79kg
12		Container	PP	PZT-CTN			
13		Valve Disc (for Trap Sealer)	PP	PZT-VD	25 sets	L : 270mm W : 250mm H : 70mm	0.48kg
14		Valve Seat (for Trap Sealer)	ABS	PZT-VS			

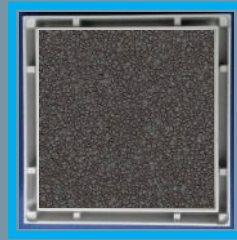
* Also available in Black

Grating Designs

Plastic Gratings (ABS)



LAMINAR 6G
Plastic Grating
c/w Collar Frame



versa TILE 6G
Plastic Tray/Grating
c/w Collar Frame
with Tiles (for illustration)



risingSUN Coloured
Plastic Grating
c/w Collar Frame

Stainless Steel Gratings



risingSUN SS304
Grating c/w Collar Frame
Thickness = 1.2mm



risingSUN Plus SS304
Grating c/w Collar Frame
Thickness = 1.5mm



risingSUN AV SS304
Grating c/w Collar Frame
Thickness = 1.5mm

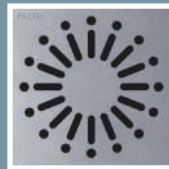


risingSUN Linex SS304
Grating c/w Lining
Thickness = 1.2mm

Design Options



risingSUN



LAMINAR



STAVE

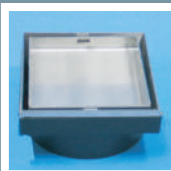


DOMINO

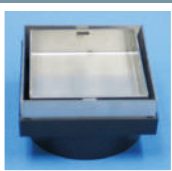
Tile Trays (versaTILE)



4" (100mm)



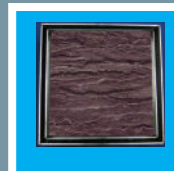
H=16mm



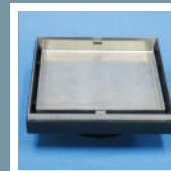
H=25mm

Thickness = 1.2mm

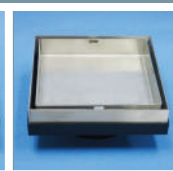
H : Tray External Height



6" (150mm)



H=16mm



H=25mm

Thickness = 1.2mm

PZT	-	6G	-	P	-	01
PZT = PAZTEE		4G = 4" (100mm) Grating		P	= Plastic	01 = LAMINAR
		6G = 6" (150mm) Grating		SPF	= Stainless Steel Grating with Plastic Collar Frame	02 = versaTILE
				SSFB	= Stainless Steel Grating, Blank c/w Stainless Steel Frame	03 = risingSUN
				SSFS	= Stainless Steel Grating, with Screws c/w Stainless Steel Frame	04 = STAVE
				SSLC	= Stainless Steel Grating c/w Stainless Steel Lining and Concentric Plastic Collar Frame	05 = DOMINO
				SSLE	= Stainless Steel Grating c/w Stainless Steel Lining and Eccentric Plastic Collar Frame	

Note:

- 1) The standard grade of stainless steel is SS304, thickness for the frame is 1.0mm and for the lining is 1.5mm. The standard surface finishes is 4B.
- 2) The standard colour for plastic collar frame used with plastic grating is white, whereas it is black for the stainless steel grating.



*Necessity is the theme and the inventress,
the eternal curb and law of nature.*

Leonardo di ser Piero da vinci (1452 – 1519)

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