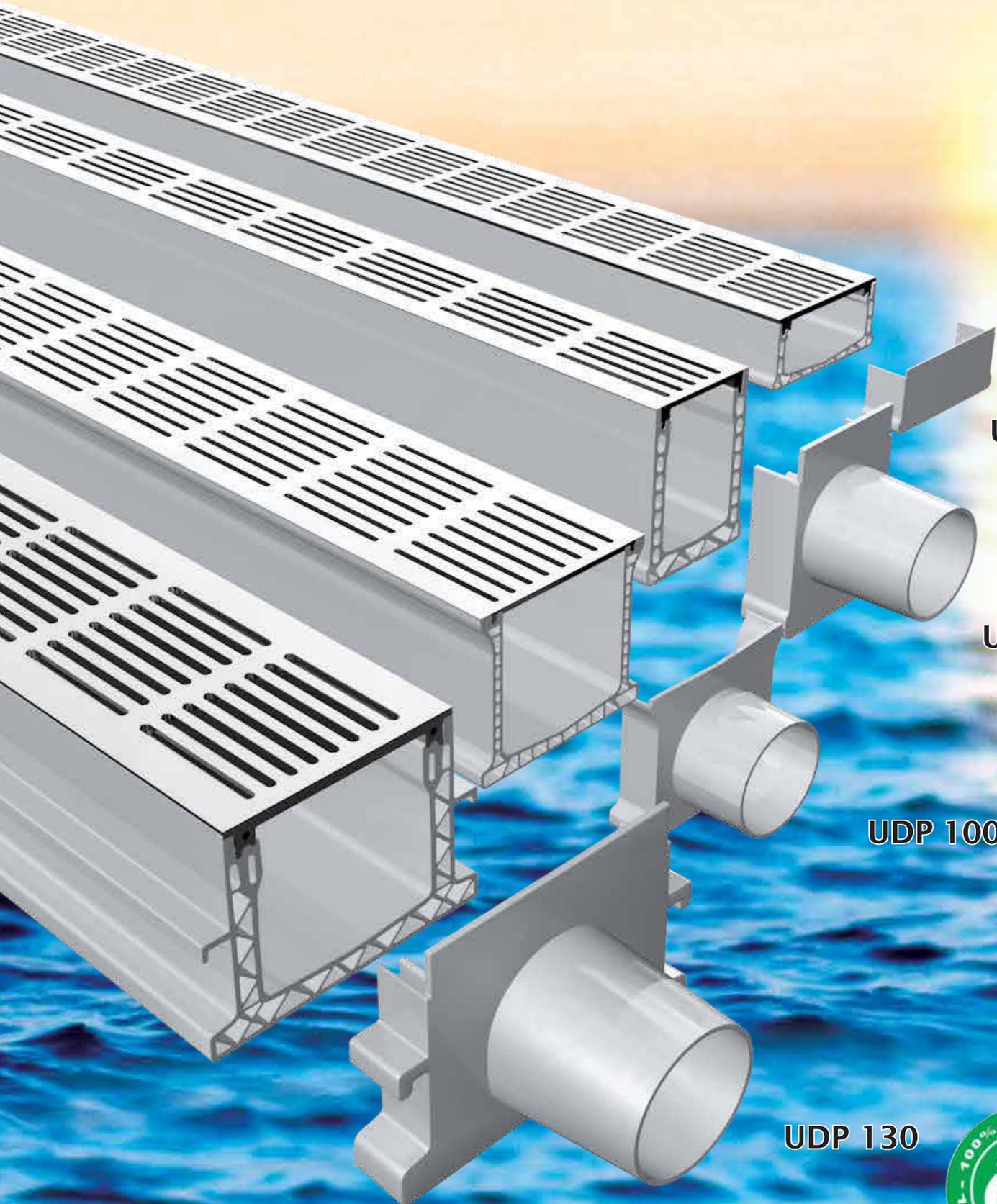




# ULTRA DRAIN

HIGH PERFORMANCE MODULAR LINEAR DRAINAGE



UDP 45

UDP 75

UDP 100

UDP 130



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## Downloads

### PDF Brochure Download

[www.tinyurl.com/ultradrainbrochure](http://www.tinyurl.com/ultradrainbrochure)

### Product CAD Drawings

Ultra Drain Plus 45: [www.tinyurl.com/udp45](http://www.tinyurl.com/udp45)

Ultra Drain Plus 75: [www.tinyurl.com/y3yapndt](http://www.tinyurl.com/y3yapndt)

Ultra Drain Plus 100: [www.tinyurl.com/udp100](http://www.tinyurl.com/udp100)

Ultra Drain Plus 130: [www.tinyurl.com/udp130](http://www.tinyurl.com/udp130)

## Want to know more?

Head over to our website [www.ultradrainnz.com](http://www.ultradrainnz.com)

Follow us on Instagram [@ultradrainplus](https://www.instagram.com/ultradrainplus)

## ULTRA DRAIN PLUS FEATURES

- Ultra drain Plus alloy drain top is a compression fit, not a clipping fit as in the previous Ultra Drain Models.
- UDP 130 has an innovative wall-locking arm to ensure that the wall will remain 100% rigid when used in commercial projects.
- UDP Alloy Top and base has the facility for locking the alloy in place to stop tampering as this can be a problem in certain public projects where the drain is used, ie hospitals, parks.
- The UDP Alloy Top covers over the plastic base top edge so completely eliminates any potential UV issues.
- The bases of the UDP range have a 6° fall in-built to help reduce, if not eliminate water pooling.
- The new interlocking system allows for seamless joining internally and with the added feature of the outside gluing providing exceptional joint strength.
- The alternate Honeycomb Alloy Top made from 6063A aluminum alloy provides added strength and reduces the difficulty in removing trapped leaves that can occur with horizontal stamping.
- All the PVC components are made from Virgin PVC with an additional high level of UV inhibitor to ensure a trouble-free long-lasting product, and is 100% recyclable.
- All the UDP parts are made to fit DWV Piping dimensions.

## FREQUENTLY ASKED QUESTIONS

**Q.** Does Ultra Drain rust?

**A:** *No, due to the alloy grating being anodized to marine grade specifications.*

**Q.** Can we drive a vehicle over Ultra Drain Plus?

**A:** *Yes. With a vehicle up to 1000kg per inflated tyre at a maximum speed of 25 km/hr providing the Ultra Drain Plus is encased in concrete as per installation guide.*

**Q.** Which size of Ultra Drain should I use?

**A:** *This depends on the surface area and rainfall that needs to be drained from the site.*

**Q.** Is the Ultra Drain's base chemical-resistant?

**A:** *Yes, it is resistant to all standard household chemicals.*

**Q.** What are the temperature limits of the Ultra Drain base?

**A:** *Maximum of 55°C water temperature.*

**Q.** Is the Ultra Drain's alloy top chemical-resistant?

**A:** *The alloy top will withstand all PH-neutral cleaning products.*

**Q.** Can we get customized lengths and what volume would we need to order?

**A:** *Yes. Customized lengths are available on indent with a minimum run of 3,000 l/m.*

**Q.** Can we get the packaging material customized for our company.

**A:** *Yes. However, a surcharge fee is applied for design and printing. Minimum box run of 2000 per size.*

**Q.** What do I use to join the Ultra Drain parts together?

**A:** *PVC Solvent Cement which is readily available from any DIY outlet or plumbing supplier.*

**Q.** What is the strength of Aluminium?

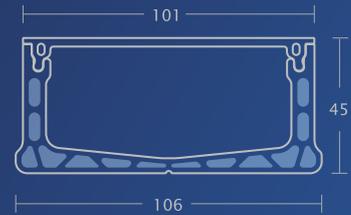
**A:** *Aluminium alloys have a tensile strength ranging from 70 to 700 MPa. The alloys used most often in extrusion: 50-300 MPa.*

**Q.** Does the alloy get hot?

**A:** *Aluminium is a good reflector of both light and heat radiation.*



# UDP 45



## ULTRA DRAIN PLUS 45

Water Flow 330L/M  
 Open End Discharge 0.5 Fall to Cesspit  
 Vehicle Rating: 1000kg per inflated tyre

Horizontal Top Standard / Honeycomb on request

Product Designed for DWV Pipe Sizing	
UDP45	OD
Spigot	60mm
Bottom Outlet	69mm
Length	2000mm

## Parts and fittings

- ❶ Spigot
- ❷ Bottom Outlet
- ❸ Right Angle Corner
- ❹ End Cap
- ❺ Joiner
- ❻ Construction Cover

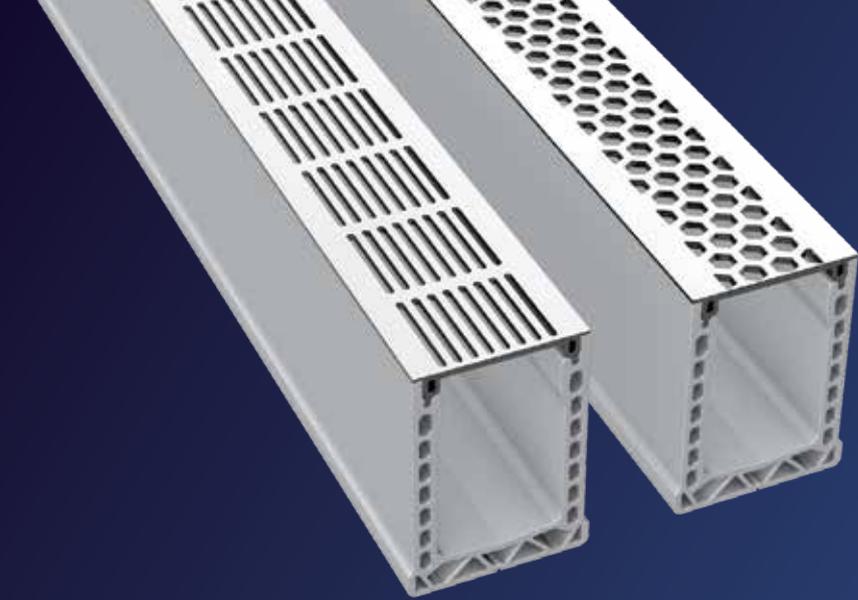


The UDP45 has the same standard features as the UDP 75 & UDP 130, but has the additional advantage of being only 45mm deep. Application can be both indoor and outdoors.

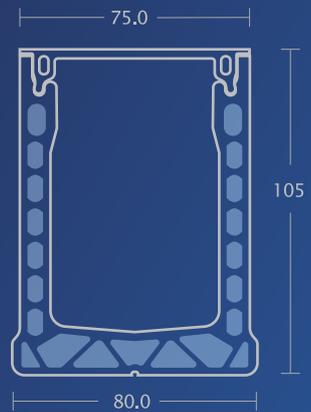
The Model UDP45 is the ideal where shallow screeds are required to ensure the concrete integrity is not compromised. The UDP45 comes with a spigot that is completely flexible as to where it is to be fitted and for larger water flows a 60mm bottom outlet is also available.

This product with its high water flow of 330 L/M allows for it to be used in balcony, driveways, kitchens, wineries, pool and landscaping projects where high quality is required.





# UDP 75



ULTRA DRAIN PLUS 75

Water Flow 545L/M  
 Open End Discharge 0.5 Fall to Cesspit  
 Vehicle Rating: 1000kg per inflated tyre

Horizontal Top Standard / Honeycomb on request

### Product Designed for DWV Pipe Sizing

UDP75	OD
End Outlet	69mm
Side Outlet	56mm
Bottom Outlet	69mm
Length	2000mm

## Parts and fittings

- ① End Outlet
- ② Side Outlet
- ③ Right Angle Corner
- ④ End Cap
- ⑤ Joiner
- ⑥ Bottom Outlet
- ⑦ Construction Cover



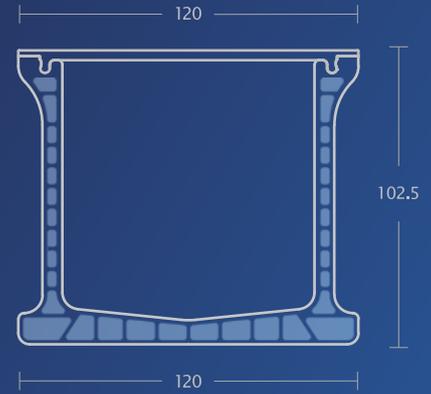
The Model UDP75 is ideally suited for numerous applications both indoors and outdoors where visual aesthetics need to be maintained and yet still give good weathering and durability.

This product with its high water flow of 545L/M allows for it to be used in driveways, commercial kitchens, wineries, pool and landscaping projects where high quality is required.

Due to the robust construction of this product it can be ideally used as a conduit in factory floors which will allow unlimited access in the future. When used for this purpose the top is a solid piece of 3mm 25 micron anodized aluminium giving good strength and durability.



# UDP 100



## ULTRA DRAIN PLUS 100

Water Flow 825L/M  
Open End Discharge 0.5 Fall to Cesspit  
Vehicle Rating: 1000kg per inflated tyre

Horizontal Top Standard / Honeycomb on request

### Product Designed for DWV Pipe Sizing

UDPI00	OD
End Outlet	68mm
Side Outlet	68mm
Bottom Outlet	68mm
Length	2000mm

## Parts and fittings

- ① End Outlet
- ② Side Outlet
- ③ Right Angle Corner
- ④ End Cap
- ⑤ Joiner
- ⑥ Bottom Outlet
- ⑦ Construction Cover

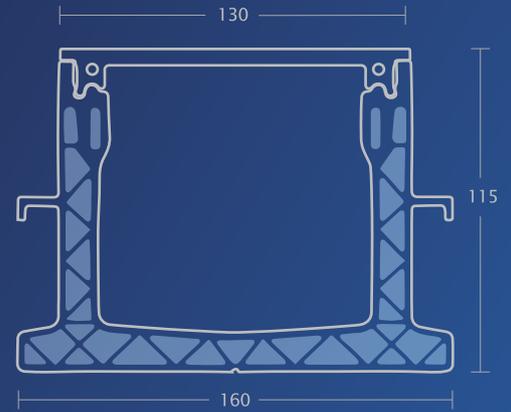


The Ultra Drain Alloy grating is extruded in 6063A Aluminium alloy top to provide a high tensile top with very consistent extruding qualities. This is then marine anodized to give a very highly corrosive resistant product.

These drains can either be locked into place between pavers or concreted into place, dependent upon which application is used. Readily available in horizontal slots. Honeycomb available on indent order.



# UDP 130



ULTRA DRAIN PLUS 130

Water Flow 875L/M  
Open End Discharge 0.5 Fall to Cesspit  
Vehicle Rating: 1000kg per inflated tyre

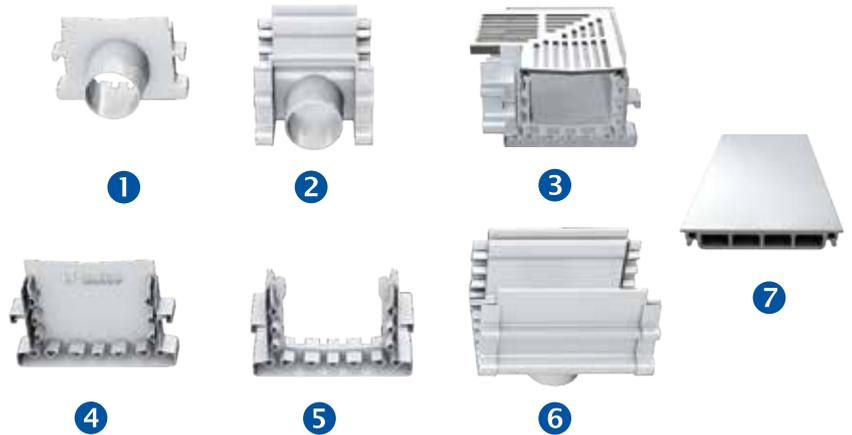
Horizontal Top Standard / Honeycomb on request

## Product Designed for DWV Pipe Sizing

UDP130	OD
End Outlet	69mm
Side Outlet	69mm
Bottom Outlet	82mm
Length	2000mm

## Parts and fittings

- ① End Outlet
- ② Side Outlet
- ③ Right Angle Corner
- ④ End Cap
- ⑤ Joiner
- ⑥ Bottom Outlet
- ⑦ Construction Cover



The UDP130 is the Maestro of our Ultra Drain range to date. A great product for the architect or specifier to recommend with 100% confidence knowing that many years of research and development has gone into developing this new Ultra Drain Plus Range.

This product has been specifically designed to be used where robustness is required and yet maintain a very high visual appearance combined with a large water flow of 875L/M still being achieved.

UDP130 is ideally suited for use in high quality Residential projects and also for numerous commercial situations such as parks, retail shopping centres, malls, public swimming pools and commercial building projects. This product comes standard with a 25 micron 5mm alloy top and is available in two different stampings, Horizontal which is the standard, but also the Honeycomb is available on request from your distributor.



# Ultra Drain Plus 6063A Alloy top Specifications

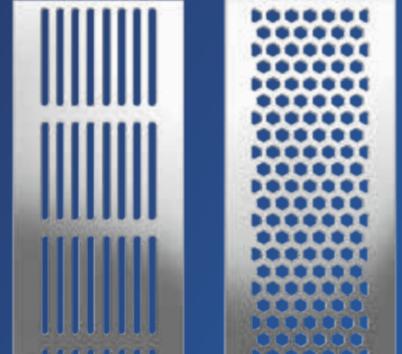
Anodised to 25 micron to enhance weathering and overall durability.

## Benefits Of Using Anodized Aluminium:

- Maintains a product “ as NEW ” appearance.
- Enhances corrosion resistance with no staining.
- Creates a dirt repellent surface that satisfies hygiene requirements.
- Creates a decorative finish with a durable color and gloss.
- Enables a very “ touch friendly ” surface for the consumer of today.
- Dissipates heat far quicker than stainless steel.

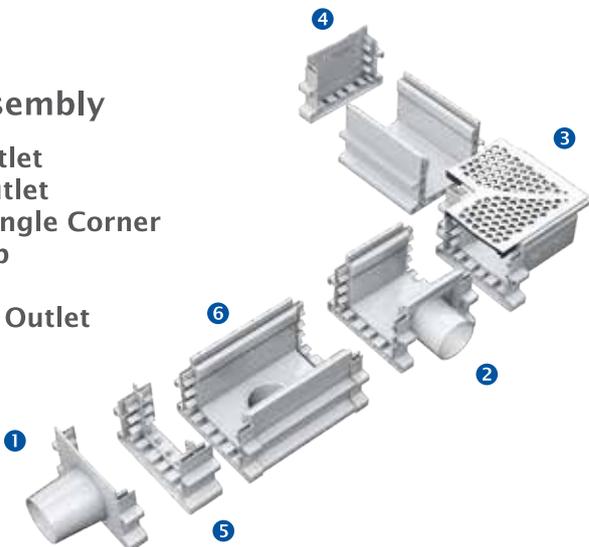
The Honeycomb Top is perfect for the leafy projects and the high foliage sites as the honeycomb stamping inhibits the leaves getting trapped in the top and allows the wind to blow the debris away from the drain top , a real “PLUS” for the end user.

- **Honeycomb 25 Micron**  
Honeycomb Stamping 38.31% Net Opening
- **Horizontal 25 Micron**  
Horizontal Stamping 36.63% Net Opening



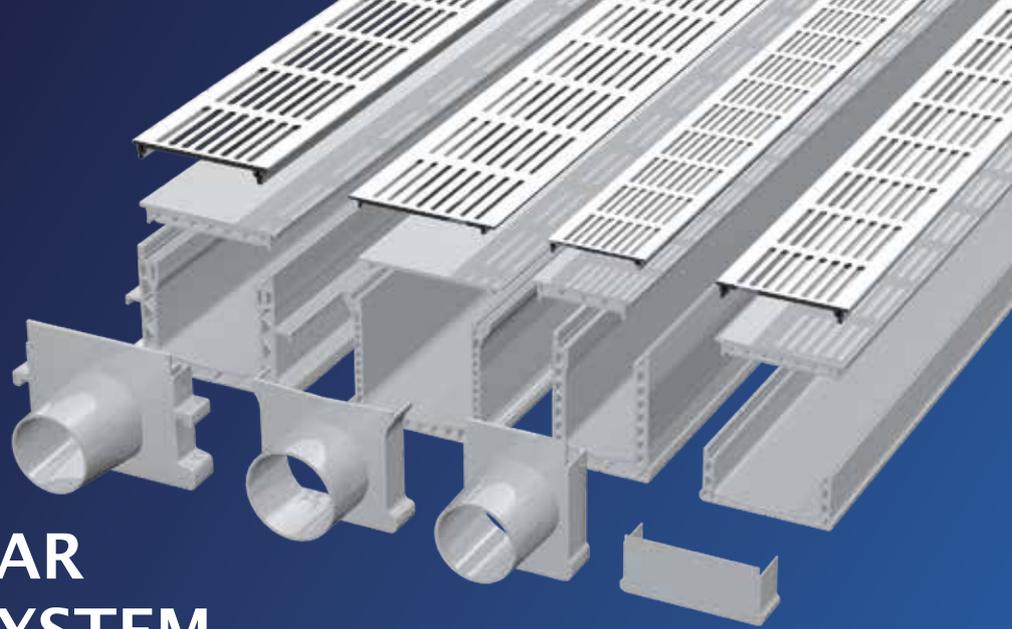
## Parts assembly

- 1 End Outlet
- 2 Side Outlet
- 3 Right Angle Corner
- 4 End Cap
- 5 Joiner
- 6 Bottom Outlet



Ultra Drain Plus High Performance Linear drains are the result of using new interlocking technology which has given rise to this new exciting product line.

This new interlocking technology allows for the seamless joining of the product parts which in turn enables continual uninterrupted water flow to be achieved and yet still maintain 100% water tightness, a real “PLUS” in this modern world of today.



# ALL NEW MODULAR INTERLOCKING SYSTEM

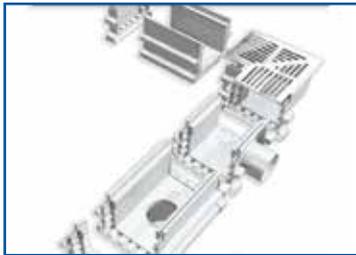
## UDP ASSEMBLY INSTRUCTION



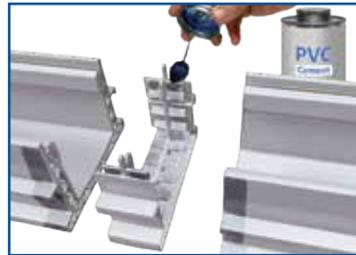
**1** Remove the Ultra Drain product from the box.

Carefully store the Ultra Drain Alloy grating away from the construction site until all the concreting and tiling has been completed.

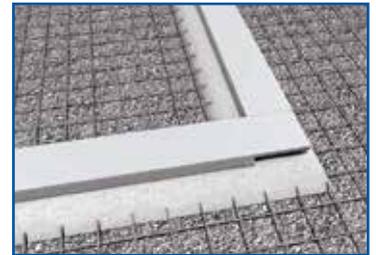
**DO NOT REMOVE** the construction cover insert from the Ultra Drain Plus base.



**2** Establish the parts you need to use.

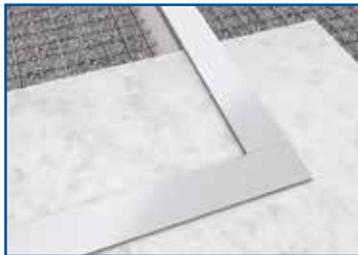


**3** Use PVC glue in connecting the modular drain. Apply PVC glue on each part that you are joining and as per your drainage design fixing right angle corners and the outlets in their correct position.



**4** Once you have established the finish height and fall of the drain. Haunch the Ultra Drain Plus into place using either a concrete mix or sand and cement ensuring that the construction cover insert stays neatly fitted at all times in the Ultra Drain Plus base.

**DO NOT REMOVE** the construction cover insert from the Ultra Drain Plus base until the tiling and concreting are fully completed.



**5** Pour the concrete around the haunched drain base to the selected finished height required for your next step either tiling or finished concrete.

Ensure that the drain stays straight and clean at all times during the concrete pouring process.

**DO NOT REMOVE** the construction cover insert from the Ultra Drain Plus base until the tiling and concreting are fully completed.



**6** You are now ready to tile or put your selected finishing product in place.

We recommend that between your tile and the drain the use of a flexible product like silicone or polyurethane to avoid any possibility of movement between the two different products. A 4mm joint is recommended to avoid possible movement and cracking.

**DO NOT REMOVE** the construction cover insert from the Ultra Drain Plus base until the tiling and concreting are fully completed.



**7** Your Ultra Drain installation is now ready to be completed. Remove the construction cover insert and discard in an environmentally friendly manner.

Now clip the Ultra Drain Alloy top into place. Start clipping from one end by gently pushing the alloy top into the plastic drain base.

If there is any cleaning required ensure that only PH Neutral products are being used. Acid or highly alkaline solutions may damage the alloy top.



**8** Your installation of the high quality Ultra Drain product is now complete and will maintain its unique sleek look for many years to come.

# AVAILABLE PACKING

## UDP 45

### 1-PIECE PACK

- 1x 2M Drain Base
- 1x 2M Alloy Top Grate
- 1x 2M Construction Cover
- 1 x Joiner
- 2 x End Cap
- 1 x Spigot

### 2-PIECE PACK

- 2x 2M Drain Base
- 2x 2M Alloy Top Grating
- 2x 2M Construction Cover
- 2 x Joiner
- 1 x End Cap
- 2 x Spigot



## UDP 75

### 1-PIECE PACK

- 1x 2M Drain Base
- 1x 2M Alloy Top Grating
- 1x 2M Construction Cover
- 1 x Joiner
- 1 x End Cap
- 1 x End Outlet

### 2-PIECE PACK

- 2x 2M Drain Base
- 2x 2M Alloy Top Grating
- 2x 2M Construction Cover
- 2 x Joiner
- 1 x End Cap
- 1 x End Outlet



## UDP 100

### 1-PIECE PACK

- 1x 2M Drain Base
- 1x 2M Alloy Top Grating
- 1x 2M Construction Cover
- 1 x Joiner
- 1 x End Cap
- 1 x End Outlet

### 2-PIECE PACK

- 2x 2M Drain Base
- 2x 2M Alloy Top Grating
- 2x 2M Construction Cover
- 2 x Joiner
- 1 x End Cap
- 1 x End Outlet



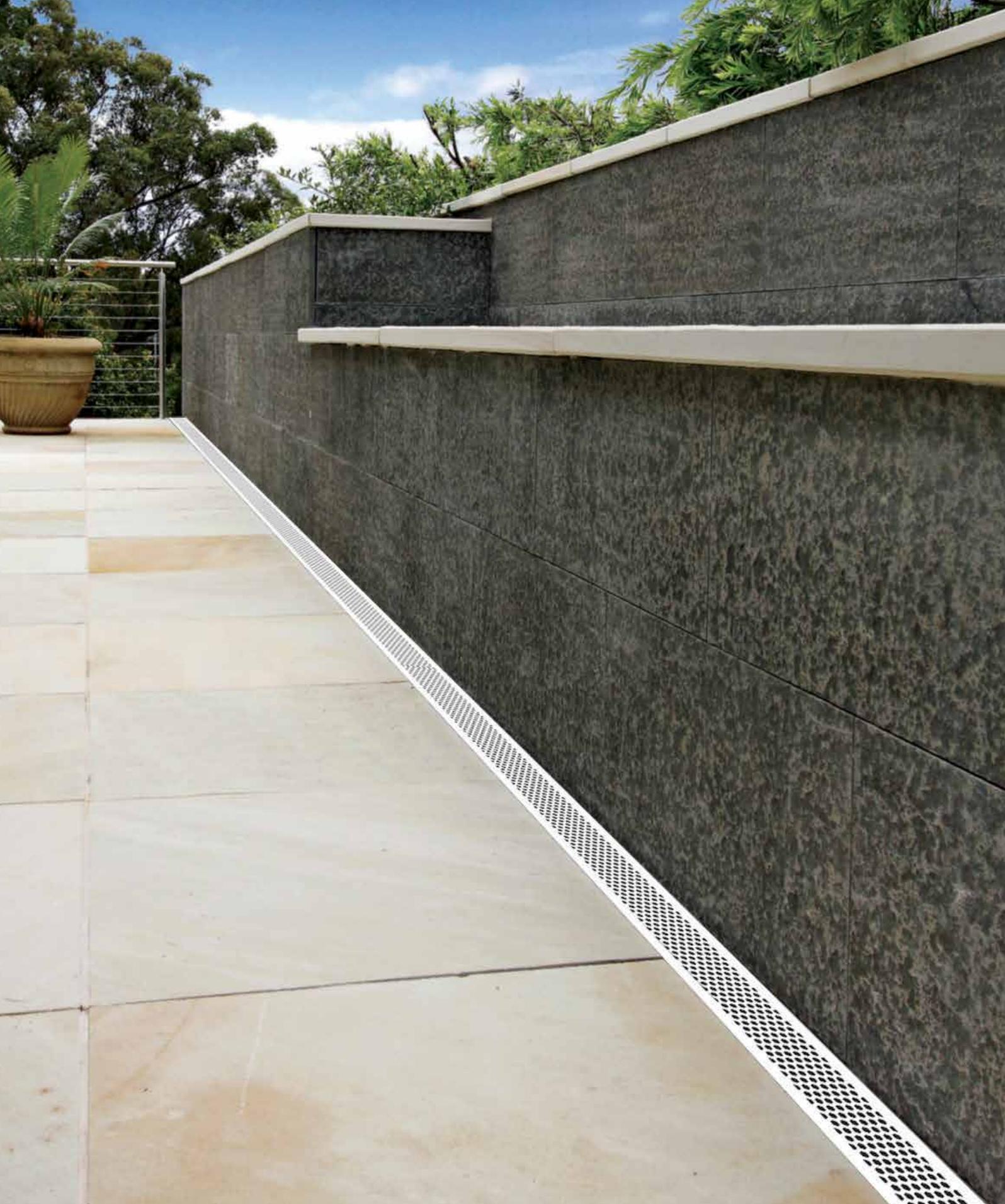
## UDP 130

### 1-PIECE PACK

- 1x 2M Drain Base
- 1x 2M Alloy Top Grating
- 1x 2M Construction Cover
- 1 x Joiner
- 1 x End Cap
- 1 x End Outlet







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