



# PERMA-TRENCH Flo-Thru Drainage Systems



LWG Zurn pre-engineered trench drain systems offer a versatile solution for your project requirements.

## Z874 Perma-Trench HDPE Drainage Systems Z874-12 Z874-18 Z874-21



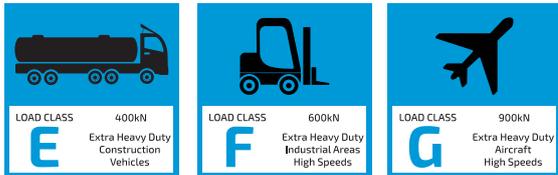
### Features & Benefits

- Saves labor up to 75%
- Rebar clips provided with system for elevation set
- 4-corner grate lock down for dynamic loading situations
- Mechanical interlocking connections

### Details:

- High density polyethylene structural composite drain channel with 1.00% built-in slope
- 30 modular sections in 2032mm lengths with interlocking ends and radiused bottom
- Complete with heavy-duty Dura-Coated steel frame w/ anchor studs at surface, combination anchor tabs/leveling devices at appropriate locations
- Extra heavy-duty ductile iron 508mm grate-with 4 lockdowns

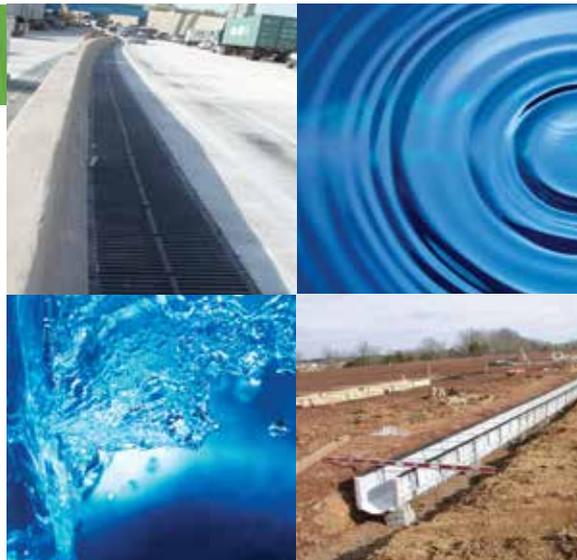
Australian Standards: AS 3996 - 2006 certified



### Applications

- Airports
- Airplane Hangars
- Car Parks
- Chemical Containment
- Hardscape Areas
- Highways
- Industrial Parks
- Industrial Plants
- Military Bases
- Petrol Stations
- Port Facilities

**LWG**  
Specialised Plumbing Products  
A **ZURN** COMPANY



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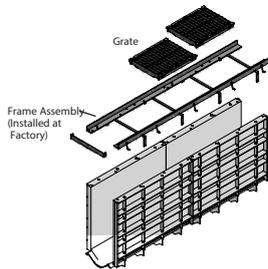
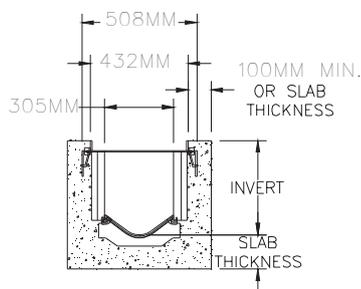
# Z874 Perma-Trench HDPE Drainage Systems

## Product Detail

- 30 Sloping sections-2032mm lengths
- Continuous 1% built-in slope
- 3 Non-Sloping sections
- Vertical and Horizontal Outlets - 100, 150 & 200mm available
- Catch basins for greater outlet sizing and capacity available
- 4-Corner bolt lockdown on all systems

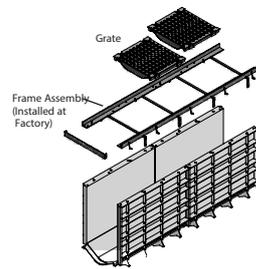
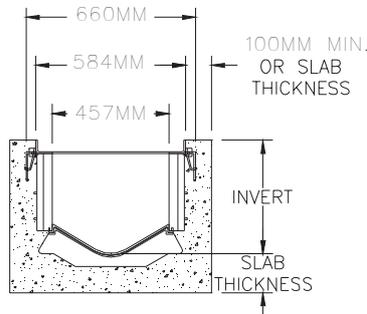
### Z874-12 Data

- 2032mm Length
- 305mm Clear Opening
- Pre-sloped
- HDPE with Steel Angle Frame



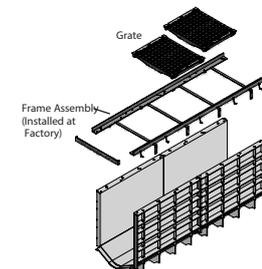
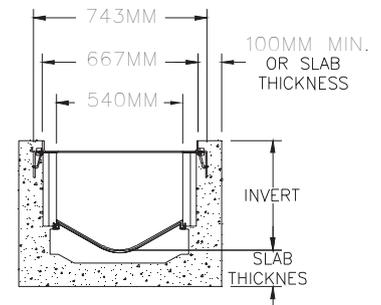
### Z874-18 Data

- 2032mm Length
- 457mm Clear Opening
- Pre-sloped
- HDPE with Steel Angle Frame



### Z874-21 Data

- 2032mm Length
- 540mm Clear Opening
- Pre-sloped
- HDPE with Steel Angle Frame

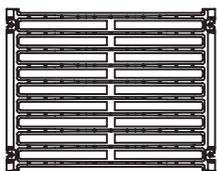


+Actual High Density Polyethylene channel length is 2083mm to allow for overlap, with frame attached the length is 2146mm with the exception of P.N. 2101P and 2130P.

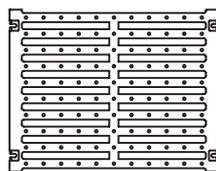
## Engineering Specification

Channels shall be 2032mm long, Z874-12 (432mm wide and have 305mm wide throat); Z874-18 (584mm wide and 457mm wide throat); or Z874-21 (667mm wide and 540mm wide throat). Modular channel sections shall be made of High Density Polyethylene (HDPE), have interlocking ends, and radiused bottom. Channel shall be provided with no slope (neutral) or with a 1.00% built-in slope. Channels shall have clips attached to the frame to accommodate vertical rebar for positioning and anchoring purposes. Choice of class E, F and G grates shall be available. A heavy duty steel frame is installed at the factory prior to shipping. End outlets and caps shall be available. Trench drain shall be Flo-Thru model Z874-12, Z874-18, or Z874-21. For full details visit [www.lwgzurn.com](http://www.lwgzurn.com)

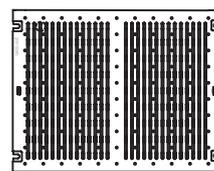
## Grate Options



Z874-DGC



Z874-DGF



Z874-HPD

## Accessories

