

### Tegra 315 IRL



#### Meeting your needs

Tegra 315 IRL forms part of a comprehensive range of plastic pipe systems to provide intelligent solutions for all building, construction and utilities projects.

These include:

#### Above Ground Projects

- Wavin Soil & Waste Systems
- Wavin Rainwater Systems
- Wavin Electrical Conduit Systems

#### Plumbing & Heating Projects

- Wavin Hot & Cold Water Systems
- Wavin Underfloor Heating Systems

#### Below Ground Projects

- Wavin Sewer Systems
- Wavin Inspection Chambers & Manholes
- Wavin Road Gullies
- Wavin Stormwater Infiltration Systems
- Wavin Cable Duct Systems
- Wavin Land Drainage

#### Pressure Pipe Projects

- Wavin PE Pressure Systems
- Wavin PVC Pressure Systems
- Wavin Pipe Relining Systems

All information contained in this literature is given in good faith. The user should, however, check that the product is suitable for purpose, in the application for which it shall be used. Please ensure compliance with all health and safety requirements. Whilst continuing its programme of continuous development, Wavin Overseas B.V. reserves the right to modify or extend any published information without any prior notification. No responsibility can be accepted for any error, omissions or incorrect assumptions.

### Tegra 315 IRL



THE PERFECT ACCESS JUNCTION



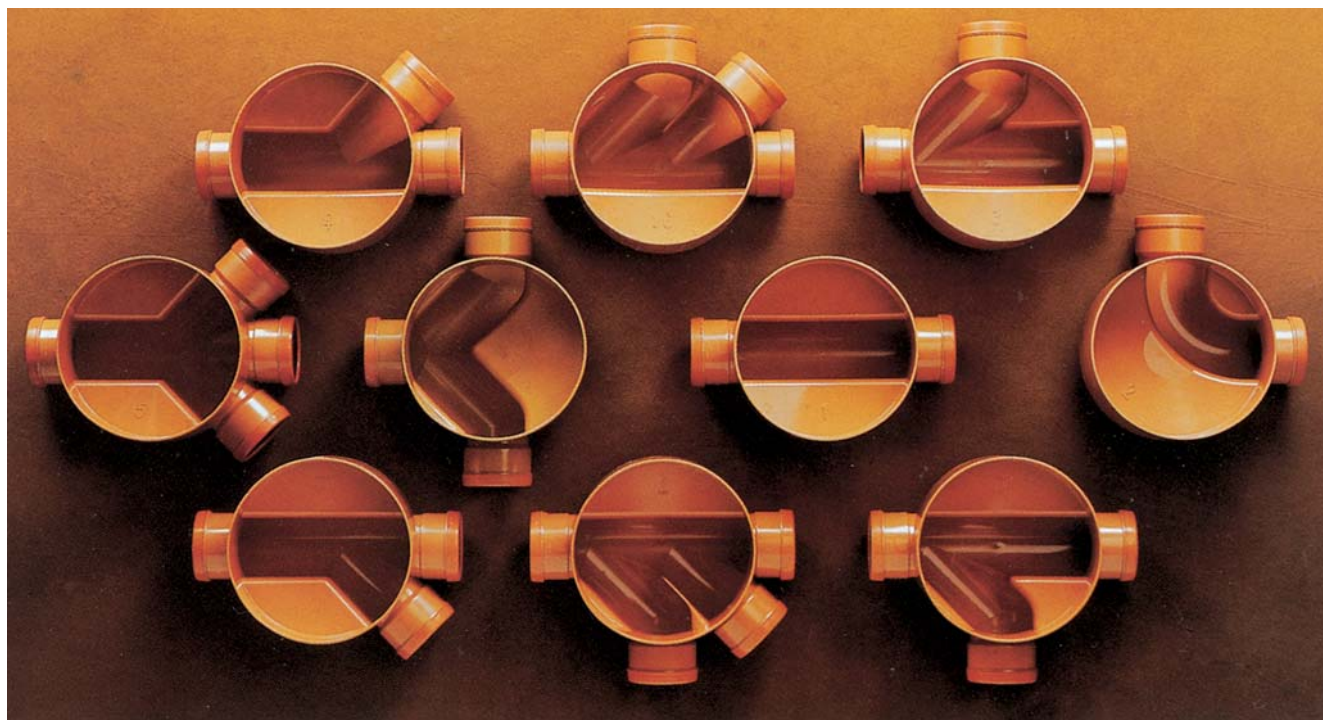
The Tegra 315 IRL is the small solution for all 110 mm OD underground sewerage and drainage pipe systems around private housing and other buildings. This design is easy to install with adjustable frame and cover. It offers a wide variety of flow profiles, giving you an option for all 110 mm drainage applications.

**Features and Benefits**

- Full plastic in PVC-U  
Corrosion resistant, durable.
- Adjustable Frame and Cover  
Tilts and rotates to suit site conditions. Can be push-fitted into either a Tegra riser or a Tegra base.
- Ten flow profile designs  
Giving you options for all 110 mm drainage applications.
- Extremely smooth internal surface  
Minimises the risk of blockages and maximises flow characteristics.
- Wafix sealing construction  
Water tight pipe and shaft connections.
- Rodding radius on top of inlets and outlet  
Easy access for rodding and inspection equipment.
- Optional available with a sealed cover  
For in-house use.
- Excellent chemical resistance

**Fields of application**

The Tegra 315 IRL provides easy access for inspection and cleaning of sewerage and drainage systems in and around the house.



**Pipe connections**

Well proven Wafix rubber ring socket design for 110 mm OD smooth pipes. The Wafix sealing construction assures you of an absolutely watertight connection. No chance of infiltration of groundwater. No road deformations due to flushing of supportive backfill. No pollution of groundwater.

**Riser**

The riser is designed to give the user maximum allowable depth and is suitable for use with the adjustable frame and cover. A Tegra 315 IRL riser incorporates a ring seal. When fitted with the frame and connected to a Tegra 315 IRL base, it gives an invert of between 370 - 440 mm without cutting a riser segment. Two risers will give an invert of between 530 mm - 605 mm. Shallower depths can be achieved by cutting the riser. For that purpose concentric grooves in the riser act as a cutting guide.

**Flow profiles**

- Straight through (180°)
- Left or right hand bends 90°
- Left hand junction 90°
- Right hand junction 90°
- Left hand junction 45°
- Right hand junction 45°
- Left hand 90° and 45° junctions
- Right hand 90° and 45° junctions
- Left and right hand 45° junctions
- Two 90° inlet junctions

**Meeting all requirements**

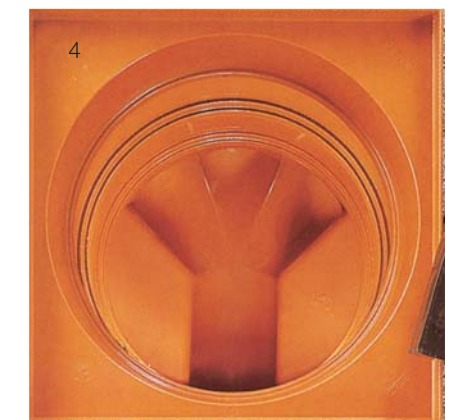
The Tegra 315 IRL is kitemarked and certified to BS 7158: 1989.  
Patents:  
G.B. Patent 2 224 047, I.E. Patent

**Installation**

- No additional trench excavation needed.
- Suitable bedding of granular material.
- Pipe connections made in same way as standard ring seal jointing of fittings.
- The Tegra 315 IRL sits on minimum of 10 cm bed of granular material and is surrounded with similar material 15 cm wide.

Installation of a Tegra 315 IRL:

1. Ensure the riser rubber seal is lubricated.  
The riser is designed to fit tightly into any Tegra 315 IRL base and should be pushed fully home.
2. If a second riser is required – repeating the jointing process.
3. The frame component should be positioned to meet site requirements.
4. Check to see if riser(s) and frame are properly positioned.



**Note:** Detailed installation instructions and all the necessary technical data are available.