



DUX ADJUSTAPIT™ 350MM INSTALLATION INSTRUCTIONS

The Dux AdjustaPit™ 350mm is the only height adjustable building code compliant type-one surface water sump designed specifically for New Zealand conditions.

A type-one surface water sump is suitable for an area of up to $4500/I \text{ m}^2$, where I is the rainfall intensity for a storm with a 10% probability of occurring annually. Please review the building code for full details, Acceptable Solutions E1/AS1 or further details are available on our website.

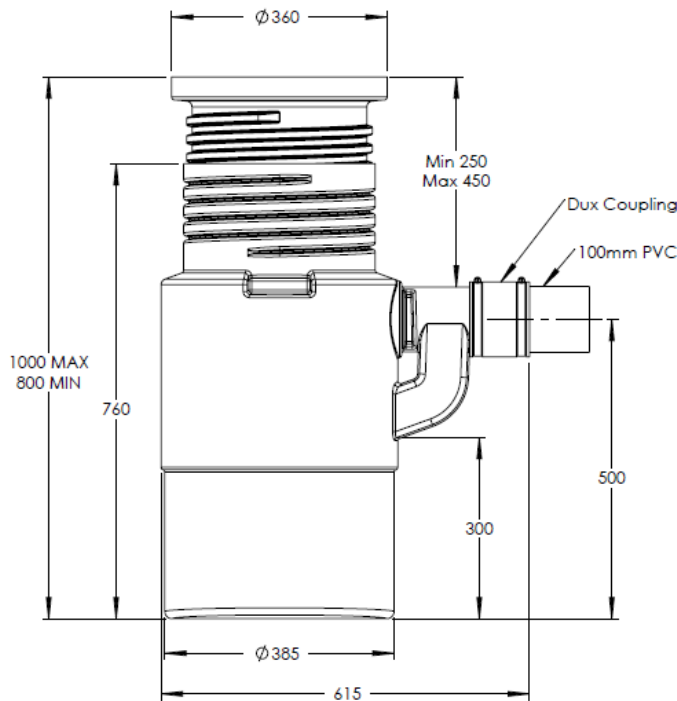
The Dux AdjustaPit™ comes with a unique adjustable riser that allows you to change the height of the silt pit to match the finished ground level. The riser can be adjusted by screwing up or down with a total adjustment of 200mm. The riser will need to be trimmed at the bottom edge to allow adjustment to the minimum height. Trimming no more than 100mm will allow the riser to adjust to its minimum level.

The Dux AdjustaPit™ comes with a round or square cast iron grate. They are loaded tested to 5 tonne and suitable for most residential applications.

The Dux AdjustaPit™ comes with a submerged outlet to prevent floating solids from entering the downstream system. The outlet has an easily removable access plug to allow for rodding of the downstream pipe work if a blockage occurs. To connect pipework to the AdjustaPit™ outlet use a Dux Coupling - Product code: D156-44 or Dux Shear Band - Product code: DUX115. It is recommended that Dux Couplings and Dux Shear Bands are tightened to a torque of 5.6Nm.

Additional inlets can be fitted to the Dux AdjustaPit™ by creating the correct size hole and using the appropriate seal. Additional inlets should be kept at a similar level to the outlet.

Dimensions (mm)



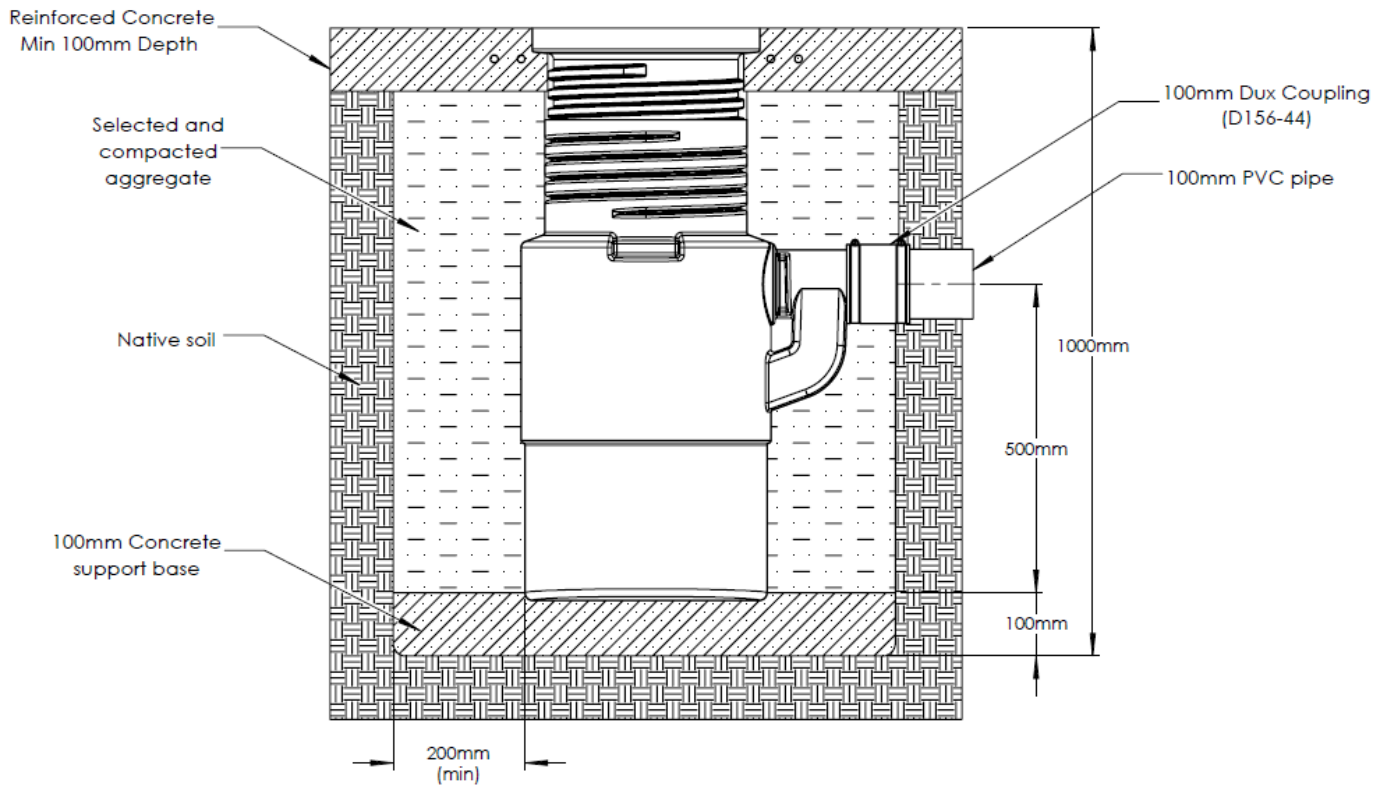
Installation Instructions

1. Excavate a hole large enough to accommodate the Adjustapit™ to a depth of approximately 1000mm below finished ground level. At 1000mm depth this will be at the centre of the pits adjustment once a 100mm deep support base has been put in place. Allow at least 200mm around the outside of the trap for aggregate backfill
2. Provide a 100mm thick concrete base to support the Adjustapit™ and ensure the Adjustapit™ is level
3. Fill the Adjustapit™ with water until outlet level to hold the Adjustapit™ in place and prevent flotation during backfill. Ensure the Adjustapit™ is still level as it settles into the concrete
4. Connect the downstream waste pipe to the Adjustapit™ outlet using a 100mm Dux Coupling or Shear Band (Product Codes: D156-44 or DUX115)
5. Carefully back fill around the Adjustapit™ using the selected aggregate and compact as required
6. Adjust the height of the Adjustapit™ by turning the riser up or down until the desired finished ground level is reached
7. A stainless steel screw may be placed into the side of the Adjustapit™ to lock the riser into position
8. Prepare ground and install required reinforcing prior to pouring concrete

- Ensure the grate is in place prior to the concrete pour to ensure the top is not distorted by the force of the concrete

Warning: The Adjustapit™ must always have the grate installed or be suitably covered to prevent falling or serious injury.

Recommended Ground Installation



Recommended Concrete Slab Reinforcing

