

Building Product Information Sheet | Class 1

Product Name: OA Z54 5400 Deluxe Gravity (Rectangular)

Product Line: Concrete Precast

Product Description & its intended use (*measurements, materials, usage*):

Precast Concrete Septic and Secondary treatment Tanks that provide primary & secondary wastewater treatment for inclusion into on-site wastewater treatment systems processing domestic household wastewater discharges. The Z54 Gravity Septic is 3010L x 1595H X 1815w 7500 Litre total Capacity, Contains PVC Fittings, Filter. The Gravity Tank primary treats domestic wastewater for Discharge to land via gravity.

Product Identifier: 8007704

Place of Manufacture: New Zealand

Legal & Trading name of Manufacturer(s): Fletcher Concrete & Infrastructure Limited trading as Oasis Clearwater Environmental Systems

Address for Service: 810 Great South Road Auckland 1062

Website: www.oasisclearwater.co.nz

Email Address: sales@oasisclearwater.co.nz

Phone No.: 0800 48 48 49

NZBN (If applicable): 9429037777548

Relevant Building Code Clauses:

With appropriate design, construction, and maintenance (see below), Oasis Clearwater Environmental Systems Septic Tanks can demonstrate compliance with:

- B1 - Structure: Performance clauses B1.3.1 to B1.3.4
- B2 - Durability: Performance clauses B2.3.1(b) and B2.3.2 (b)
- F2 - Hazardous Building Materials: Performance clause F2.3.1
- F3 - Hazardous substances and processes: Performance clauses F3.3 (a), (b), (e)
- G13 – Foul Water: Performance clauses G13.3.1, G13.3.2, G13.3.4

Statement on how the building product is expected to contribute to compliance:

On-site wastewater treatment systems require specific engineering design by either appropriately experienced chartered professional engineers or registered drainlayers. Oasis Clearwater Environmental Septic Tanks provide primary and secondary wastewater treatment. They are typically combined with other products such as PVC pipe, field tiles, gravity soakage trenches/beds, low pressure effluent distribution (LPED) / dose loading systems, drip-line irrigation systems, evapo-transpiration systems (ETS) and sand mounds systems to provide up a complete on-site wastewater treatment process.

To ensure compliance with the NZ Building Code, design needs to comply with recognized processes for on-site wastewater treatment systems.

Installation of Septic & Secondary Treatment Tanks shall be conducted by experienced licensed building practitioners in accordance with the requirements of the relevant local regulator.

- B1 – Structure: The high strength certified concrete used to manufacture Oasis precast Septic Tanks achieves the necessary structural strength to support gravity and live loads associated with correct installation.
- B2 - Durability: When installed into normal ground conditions (non-aggressive) and conducting domestic wastewater, which is supported by adequate ventilation, the properties of high strength certified concrete used to manufacture Oasis precast Septic Tanks achieves compliance with section B2 of the NZBC.
- F2 - Hazardous Building Materials: Oasis precast Septic Tanks comply with the requirements of section F2.3.1 of the NZBC.
- F3 - Hazardous substances and processes: Performance clauses F3.3 (a), (b), and (e).
- G13 - Foul Water: Performance clauses G13.3.1, G13.3.2, and G13.3.4.

Limitations on the use of the building product:

On-site wastewater treatment systems, which include Septic Tanks, require specific site investigation and engineering design, with design undertaken by suitably experienced Chartered Professional engineers or Registered Drainlayers.

Installation requirements:

Installation shall be conducted by suitable qualified and experienced Licensed Building Professionals. Installers shall have full and comprehensive knowledge of the installation of on-site wastewater treatment systems. Installation shall be in accordance with the designer's specification and Territorial Local Authority regulations.

Maintenance Requirements:

Once in service, Septic Tanks shall be appropriately Commissioned and then maintained with 12 Monthly servicing to ensure the system is functioning correctly.

Maintenance contractors shall have full and comprehensive knowledge of the maintenance requirements of on-

site wastewater treatment systems. Maintenance shall be carried out in accordance with the designer's specification and Territorial Local Authority regulations.

For further information about the installation and maintenance of Septic Tanks, please refer to Oasis Clearwater website product page - <https://www.oasisclearwater.co.nz/resources>

Service Agreement and other resources can be requested by calling 0800 48 48 49 or email service@oasisclearwater.co.nz

Is the building product/building product line subject to warning or ban under section 26?: No

If yes, description of warning or ban under section 26: N/A

Date: 7 December 2023