



Building Product Information Sheet | Class 1

Product Name: Humes Precast Concrete Grease Trap / Grease Interceptor

Product Line: Humes Concrete Precast

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

Humes manufactures a range of in-ground, precast concrete Grease Traps / Interceptors that provide pre-treatment of wastewater discharges containing grease from domestic and commercial food preparation operations prior to discharge to a municipal wastewater network or discharge to an on-site wastewater treatment system.

Product Identifier: N/A

Place of Manufacture: New Zealand

Legal & Trading name of Manufacturer(s): Fletcher Concrete & Infrastructure Limited trading as Humes Pipeline Systems

Address for Service: 810 Great South Rd, Penrose, Auckland 1062

Website: www.humes.co.nz

Email Address: info@humes.co.nz

Phone No.: 0800 502 112

NZBN (If applicable): 9429037777548

Relevant Building Code Clauses:

With appropriate design, construction, and maintenance (see below), Humes Grease Traps / Interceptors 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, G13.3.3 and G13.3.4

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

Grease Traps / Interceptors require specific engineering design by either appropriately experienced Chartered Professional Engineers or Registered Drainlayers.

Humes Grease Traps / Interceptors provide pre-treatment of wastewater discharges from domestic and commercial food preparation facilities that contain grease prior to discharging to a municipal wastewater network or discharge to an on-site wastewater treatment system.

To ensure compliance with the NZ Building Code, design needs to comply with recognized processes for Grease Traps / Interceptors.

Installation of Grease Traps / Interceptors 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 Humes precast Grease Traps / Interceptors 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 wastewater discharges containing grease from food preparation processes, which is supported by adequate ventilation, the properties of high strength certified concrete used to manufacture Humes precast Grease Traps / Interceptors achieves compliance with section B2 of the NZBC.
- **F2 - Hazardous Building Materials:** Humes precast Grease Traps / Interceptors 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, G13.3.3 and G13.3.4., Acceptable Solution G13/AS2 Drainage Section 3.4 (Grease Traps)

Limitations on the use of the building product:

Humes Grease Traps / Interceptors 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 Humes Grease Traps / Interceptors.

Installation shall be in accordance with the designer's specification and Territorial Local Authority regulations.

Maintenance Requirements:

Once in service, Humes Grease Traps / Interceptors require appropriate maintenance with sufficient frequency to ensure correct function.

Maintenance contractors shall have full and comprehensive knowledge of the maintenance requirements of Grease Traps. 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 the septic tanks, please refer to Humes website product pages - <https://www.humes.co.nz/industrial-water-treatment/grease-trap-rectangular/> and <https://www.humes.co.nz/industrial-water-treatment/grease-interceptor-circular/>

Supporting Documentation:

The following additional documentation supports the above statements:

Humes Concrete Grease Trap (Rectangular) Brochure,

<https://www.humes.co.nz/assets/Product-Guide/f87649be96/Humes-Concrete-Grease-Traps-Brochure.pdf>

Humes Concrete Grease Interceptor (Circular) Brochure,

<https://www.humes.co.nz/assets/Uploads/e1ad430c1a/Humes-Grease-Interceptor-flyer-WEB.pdf>

For further information supporting Humes Precast Concrete Grease Traps / Interceptors refer to the Humes website.

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:

Date: 30 November 2023