

## DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE

NO. 4874

24 May 2024

AGRÉMENT SOUTH AFRICA

(Approval of innovative construction products and systems)

Notice is hereby given that Agrément South Africa has, with effect from 03 July 2019, issued an Agrément certificate, details of which appear in the schedule hereto.

## SCHEDULE

Agrément Certificate 2019/598

**Subject:** Propelair Toilet System

**Certificate holder:** Phoenix Product Development Limited

**Description:** The Propelair Toilet System consists of a ceramic pan, a robust plastic seat and lid with air seals and a latch, a separate cistern, and a power pack. The cistern is divided into two parts which are air pump, and the other half for water. The power pack consists of a battery and recharger setup, in order to primarily power the Printed Circuit Board (PCB), the air pump and the water pump.

The system operates by using a combination of pressurised water and air to clean and then empty the pan, followed by more water to refill the trap.

As a result of the air pressure within the toilet bowl, the seat and lid contain integral seals, and the lid has a latch which keeps the lid and seat closed during flushing.

There is a magnet within the latch, which interacts with a reed switch in the recess at the front of the toilet.

The lid and seat are attached to the pan by a transverse hinge tube. The system has been designed to make it easy to change the seat and lid.

The ceramic pan looks similar to a standard toilet, although it is a little longer at 635 mm. The height is 460 mm and the width is 394 mm.

The cistern also looks similar in size to a standard toilet, but bigger, measuring 390 mm wide, 477 mm high and 170 mm deep. The current design is intended to be installed where the cistern is hidden.

**NB. The toilet will not flush unless the seat is closed.**

The Agrément certificate contains detailed information on the system and can be accessed at <http://www.agrement.co.za>

Copies are obtainable from: Chief Executive Officer (CEO)

Agrément South Africa, P O Box 72381, LYNNWOOD RIDGE, 0040