

DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE

NO. 4869

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 26 March 2020, issued an Agrément certificate, details of which appear in the schedule hereto.

SCHEDULE

Agrément Certificate 2020/611

Subject: Khusela Dry Sanitation System

Certificate holder: Waco Africa (Pty) Ltd t/a Sanitech

Description: The Khusela Dry Sanitation System features a polymer pedestal, fitted with a rotating bowl, a lever mechanism to rotate the bowl, and the bladder lining to collect the waste. The sanitation system uses little to no water for cleaning the rotating bowl. The toilet system can be retrofitted into existing pit latrine toilet structures. This system must be used in conjunction with a superstructure that is built in accordance with good building practice.

The pedestal used is injection moulded from virgin polypropylene material which provides a smooth finish. The system also makes use of a reversable rotating bowl which is coated with a non-stick nano technology. The lever mechanism is used to rotate the bowl 180 degrees to facilitate the disposal of waste into the bladder. The bowl also acts as seal for smell or any foreign objects.

The bladder is a highly flexible geomembrane manufactured from Linear low-density polyethylene (LLDPE). The bag is secured underneath the toilet to receive waste from the bowl. It has a high puncture resistance and conforms to sub-surface irregularities. The bladder can take up to 2000 litres of waste. The system has a tamper-proof service hatch to empty the bladder when full.

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