

## DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE

NO. 3513

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## DEPARTMENT OF PUBLIC WORKS

## AGRÉMENT SOUTH AFRICA

(Approval of innovative construction products and systems)

Notice is hereby given that Agrément South Africa has, with effect from 27 September 2022, issued an Agrément certificate, details of which appear in the schedule hereto.

## SCHEDULE

Agrément Certificate 2022/634

**Subject:** Amalooloo Urine Diversion Toilet System

**Certificate holder:** Betram (Pty) Ltd

**Description:** The Amalooloo Urine Diversion Toilet System is a non-water-borne toilet system that comprises prefabricated construction panels and plumbing components. The Amalooloo Urine Diversion Toilet System includes a liquid separation function that allows for liquid to be dispersed through a dispersion field and for solid waste to be collected and dried in a pit.

The system is manufactured from reinforced precast concrete slabs consisting of the following components:

- Top structure with a base, roof, side panels and a door; and
- A sealed bottom structure.

Other components of the system include:

- A pedestal with complete Urine Diversion System (UDS) and Child Safety Seat and
- Hand wash technology which includes the reservoir, handwash basin and free flow cistern.

Optional components of the system can include:

- Rainwater collection gutters fitted to the roof slabs
- Freestanding rainwater collection tank
- External hand wash basin with a tap, fed from the rainwater collection tank.

The dimensions of the panels are described as follows:

- Side wall panels – 1150 mm length x 990 mm height x 30 mm thickness (2 identical panels each side)
- Back wall panels – 970 mm length x 990 mm height x 30 mm thickness (2 identical panels)
- Roof slab – 1250 mm length x 970 mm width x 40 mm thickness
- Floor slabs - 1250 mm length x 970 mm width x 40 mm thickness and

innovative construction product assessments

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- Bottom structure – 2500 mm length x 1250 mm width x 1000 mm depth.

This system is not dependent on water to function, but water can be used sparingly for washing of hands under running water with soap (as suggested by the World Health Organisation).

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)

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