

## DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE

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# Gazette Notice Publication Request Form



## 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 26 March 2025, issued an Agrément Certificate, details of which appear in the schedule hereto.

## SCHEDULE

Agrément Certificate 2025/654

**Subject:** Shocrete Mark 3 (MK 3) Precast Concrete Toilet Top Structure**Certificate holder:** Shocrete (Pty) Ltd**Description:**

The Shocrete Mark 3 Precast Concrete Toilet Top Structure originates from a manufacturing facility at Hammersdale in KZN, which Shocrete has taken over. A number of clients have accepted the design, and Shocrete (Pty) Ltd has continued to manufacture it according to this design to supply those clients and offer an alternative to new clients. The Shocrete Mark 3 Precast Concrete Toilet Top Structure differs from the Mark 2 structures as follows:

- Wall panels are of a smooth slab design.
- The roof panel has a waffle slab design but with a different pattern from Mark 2.
- The floor slab options are the same as for the Mark 2 configuration.
- There are 3 panels used for the back wall as opposed to the two panels for the Mark 2.

**Component 1: Base slab.**

- A 1500 mm x 1000 mm slab with a 200 mm hole for mounting a standard VIP or UD pedestal and a 110 mm tapered hole for the vent pipe. An additional filler slab of 1000 mm x 700 mm is optional for larger pits and where pit emptying is envisaged.

**Component 2: Roof slab.**

- The roof slab is made of a waffle-type casting, with 1146 mm x 930 mm and 40 mm thick dimensions. These dimensions are slightly smaller than the Mark 2 Roof slab. The reinforcing is Y8 bars.

**Component 3: side wall panels.**

- The side walls consist of 3 identical panels on each side with a smooth wall casting. They measure 1150 mm x 635 mm and 40 mm thick. The

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reinforcing material is Y6 bars. The centre panel is fitted with a striker plate for the door latch.

#### **Component 4: Back wall panels.**

- The back walls are made up of 3 panels with a smooth wall casting and the dimensions are 860 mm x 635 mm and 40 mm thick. The reinforcing is Y8 bars. The top panel has a ventilation hole of 110mm in the centre of the panel, while the bottom panel has an optional knock-out hole template for situations where the pedestal is a waterborne system.

#### **Component 5: Galvanised door**

- Shocrete (Pty) Ltd manufactures its own galvanised steel door. The doors are 1800 mm x 850 mm. Two types of ribbing are used, the first where the ribs are bent on site, and the second where the ribs are pre-done by the suppliers. The basic elements of the door (0.5 mm full hard galvanized steel) are supplied to Shocrete (Pty) Ltd from an external supplier. The doors are then assembled at the Shocrete (Pty) Ltd.'s premises. Assembly entails attaching the strengthening channels, hinges and latches to the basic galvanised door. The doors are made rigid by bending 3 V-ridges into the door, folding the sides into a channel, and attaching three horizontal lip channels across the doors. The door is fitted with a unique closing and locking latch.

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

Copies are obtainable from: Chief Executive Officer (CEO)

Agrément South Africa, P O Box 1022, Garsfontein, 0042