

## DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE

NO. 4866

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 30 September 2021, issued an Agrément certificate, details of which appear in the schedule hereto.

## SCHEDULE

Agrément Certificate 2021/629

**Subject:** Green Crete Smart Block

**Certificate holder:** Get Connected Construction

**Description:** Green Crete Smart Block comprise walls made of prefabricated modules, conventional foundation and roof with insulated ceiling. The conventional foundation is the concrete rafts with thickened edge beams and are always a responsibility of a registered professional competent engineer.

The building modules are light-weight masonry which are made from a mixture of fly-ash, slag, waste polystyrene, cement and polymer binders and have a density of 485 kg/m<sup>3</sup>. The modules are 1200 mm x 450 mm x 120 mm. Walls are clad with an alkali resistant glass fibre crinnete before application of a 4 mm thick waterproofing plaster to hold the crinnete, then finished with a 15 mm layer of plaster.

Roof consist of light-gauge galvanised steel channel sections and complies with the requirements of **SANS 517**. Roof cladding is light- or heavy-weight and ceilings are 6.4 mm thick gypsum board and they must always be insulated.

All other services are conventional

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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