

## DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE

NO. 4418

23 February 2024

## AGRÉMENT SOUTH AFRICA

(Approval of innovative construction products and systems)

Notice is hereby given that Agrément South Africa has, with effect from 24 March 2022, issued an Agrément certificate, details of which appear in the schedule hereto.

## SCHEDULE

Agrément Certificate 2014/463 (Amended March 2022)

**Subject:** Sterling Building System

**Certificate holder:** Sanjo Fabtech Sterling (Pty) Ltd

**Description:** The Sterling Building System is for double- and multi-storey structures. Foundations are the conventional raft foundation. They are always the responsibility of a professional registered competent engineer.

External wall panels are 162 mm or 229 mm thick load bearing and comprise two skins of 6 mm Fibre cement boards which are separated by 150 mm x 100 mm x 100 mm or 217 mm x 100 mm x 100 mm recycled plastic spacers creating a cavity. The cavity is filled with concrete with a compressive strength of at least 10 MPa.

Internal wall panels are 112 mm thick non-load bearing and comprise two skins of 6 mm Fibre cement boards which are separated by 100 mm x 100 mm x 100 mm recycled plastic spacers and are similar to external wall panels.

Alternatively, the external wall panels can be 162 mm or 229 mm thick non-load bearing comprising two skins of 6 mm fibre cement boards which are separated by 150 mm x 100 mm x 100 mm or 217 mm x 100 mm x 100 mm recycled plastic spacers creating a 150 mm/217 mm thick cavity. The cavity is filled with light weight concrete of dry density of 1200 kg/m<sup>3</sup>.

The dividing walls between the buildings comprise either a 162 mm or 229 mm wall depending on structural requirements.

The roof structure consists of timber or steel trusses with heavy- or light-weight cladding. A professional registered competent engineer must always design the roof to provide support to the gable wall as well as any additional bracing between trusses as required.

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