

**DEPARTMENT OF PUBLIC WORKS****NO. 286****18 MARCH 2016****AGRÉMENT SOUTH AFRICA**

(Approval of innovative construction products and systems)

Notice is hereby given that Agrément South Africa has, with effect from 29 July 2015, issued an Agrément certificate, details of which appear in the schedule hereto.

**SCHEDULE**

Agrément Certificate 2015/478

- Name of product:** Modular Fibre Reinforced Concrete
- Certificate holder:** Malopo Construction SA
- Description:** Modular Fibre Reinforced Concrete Building System is a fibre reinforced concrete structure, with a density of 900 kg/m<sup>3</sup> to 2410 kg/m<sup>3</sup>.
- The walls are constructed by erecting pre-oiled temporary shutters taking into account the wall width (100, 150, 180, 220 or 250 mm) and height (2400, 2700 or 3000 mm). The internal face of the walls are further clad with a 40 mm thick EPS insulation sheet and a 6 mm thick fibre cement board.
- The light-weight steel re-usable shutters are pre-designed according to architectural design of the structure. The shutters are manufactured to include corner, window and door details.
- Foundation and floor slabs are conventional concrete. The floor slab has starter bars (vertical steel reinforcements) at 300 centres, 100 mm deep and 300 mm high for anchoring the wall to the footing. The floor slab must be at least 150 mm above the normal ground level at any point around the building. All steel reinforcement bars (size and spacing) are always the responsibility of a registered competent professional engineer.
- The roof is constructed of conventional standard light-weight steel or timber trusses, and clad with metal sheeting, concrete roof tiles or Agrément approved cladding.

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  
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