

DEPARTMENT OF PUBLIC WORKS

NO. 307

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AGRÉMENT SOUTH AFRICA
(Approval of innovative construction products and systems)

Notice is hereby given that Agrément South Africa has, with effect from 02 December 2015, issued an Agrément certificate, details of which appear in the schedule hereto.

SCHEDULE

Agrément Certificate 2015/495

Name of product: ABOD House Building System

Certificate holder: HMR Homes (Pty) Ltd

Description: ABOD House Building System is a steel frame structure based on a catenary arch. The frame has standard dimensions of 5 030 mm long x 4 000 mm wide x 3 260 mm high and contains 38 mm x 38 mm x 1.6 mm and 25 mm x 25 mm x 1.6 mm steel tubing joining the main arches.

The system utilises a conventional raft foundation and floor slab. Steel must be hot-dip galvanised in accordance with **SANS 121**. The design, erection and approval of the foundation is the responsibility of an approved competent person.

The wall panels consist of 75 mm Fibreglass insulation core of 12 kg/m³ density. The fibreglass core is wrapped around the structure and it is supported by 140 mm high x 4 mm thick wood composite cladding internally. Alternatively, the system is clad with Polyvinyl chloride (PVC) on the inside face. The external face is clad with 0.5 mm corrugated chromadek sheets fixed to the outer arched steel frames with 8 mm Posi- drive screws at 150 mm centres. The corrugated chromadek sheets overlap each other by at least 200 mm. ABOD House Building System doesn't have internal walls.

Door and window frames are made from aluminium, and are fitted onto the system during the erection process. All services and electrical conduits are either surface mounted or pre-drilled into the panels during manufacturing. Services must be specified and installed in accordance with good building practice.

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 395
PRETORIA,0001