

No. 147

26 February 2015

**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 16 July 2014, issued an Agrément certificate, details of which appear in the schedule hereto.

**SCHEDULE**

Agrément Certificate 2014/456

**Name of product:** Legna Solidwall Building System

**Certificate holder:** Legna Creative Enterprises cc

**Description:** Legna Solidwall Building System comprises both conventional and innovative aspects of construction. The foundations are conventional and always the responsibility of a registered professional competent engineer. The building system utilises light gauge cold roll formed steel C-Sections that are designed and erected in accordance with **SANS 517** to produce the steel frame. The C-Sections are 90 mm x 40 mm x 8 mm in dimension and rolled using 0.8 mm ISQ 550 Zinc-Alum steel. The Zinc-Alum must have a minimum coating of AZ150.

The 90 mm external and internal wall cavities of Legna Solidwall Building System are filled with cement stabilised soil mix. The mix is a 70/30 split of 0.5 mm to 8 mm river sand or crusher dust and plaster sand. The mix is hand packed into the wall cavities. A 10 mm Magnesium Oxide (MgO) board is utilised as cladding on the internal face of the external wall and conventional plaster is used externally. The Internal wall panel is clad with MgO boards on both sides.

The roof structure is constructed from light gauge galvanised steel channel sections with light- or heavy-weight cladding, and its design and erection is the responsibility of a professional registered competent engineer. Windows and door frames are made up of aluminium, galvanised steel or timber frames.

All services are conventional and conduits holes are pre-drilled in the frame. These 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**