

DEPARTMENT OF PUBLIC WORKS

NO. 1494

29 DECEMBER 2017

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

Notice is hereby given that Agrément South Africa has, with effect from 19 May 2017, issued an Agrément certificate, details of which appear in the schedule hereto.

SCHEDULE
Agrément Certificate 2017/537

Subject: Luxwood Wall Panel Building System

Certificate holder: Intelligent Building Systems (Pty) Ltd

Description: Luxwood Wall Panel Building System is for single-storey buildings and utilises factory produced Wood Plastic Composite (WPC) extruded hollow core polymer panels (Luxwood panels) clad with Porex Board (calcium silicate board with fibres) on both sides. The overall thickness of the system is 118 mm. The foundations are conventional and always the responsibility of a competent professional engineer.

The Luxwood panels are manufactured to a standard width of 450 mm x 100 mm thickness with lengths varying from 2440 mm to 3000 mm. The panel is hollow with rib spacing of 150 mm. A 9 mm thick Porex board is cut to sheets of 1220 mm x 2440 mm for cladding on both sides of the panel. The panels have male and female interlocking ends and are screwed with a series of self-drilling Tek screws of 8 mm x 25 mm along a minimum **Z275** pre-galvanised channels in accordance with **ISO/SANS 4998** or **ISO/SANS 3575** which act as base rail and perimeter ring beam.

Conventional timber or light-weight steel roofing is designed by a competent professional engineer.

Window and door frames are installed into pre-cut openings. Services are surface mounted onto the walls or along the floor with appropriate trunking or conduit, or fitted into pre-drilled holes of the panels

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