

No. 146

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**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 2014/460

**Name of product:** gPanel Alternate Building Technology

**Certificate holder:** Qualisip Worldwide (Pty) Ltd

**Description:** The gPanel Alternate Building Technology is for single-storey buildings that utilises Magnesium Oxide (MgO) boards as wall panels, conventional concrete foundations and surface bed with thickened edge beams cast in-situ on a damp proof membrane. All foundations are designed by a professional registered competent engineer.

The external wall panels are 2700 mm x 1220 mm x 122 mm thick (nominal dimensions). They consist of two MgO 10 mm thick boards encapsulating EPS (15 kg/m<sup>3</sup> density) core and galvanised steel channels at the edges. The internal walls are 96 mm thick and comprise of the same materials.

The roof structure consists of timber truss rafters with heavy- or light-weight cladding. The roof is designed and constructed to provide support to the gable wall and ensuring that the sheeting is connected to the purlin. Where tiled roofs are specified the additional bracing between truss rafters are specified by a professional registered competent engineer.

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**