

## DEPARTMENT OF PUBLIC WORKS

NO. 1193

03 NOVEMBER 2017

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

Notice is hereby given that Agrément South Africa has, with effect from 30 March 2016, issued an Agrément certificate, details of which appear in the schedule hereto.

## SCHEDULE

Agrément Certificate 2016/509

**Subject:** Everite Hebel AAC Building System

**Certificate holder:** Everite (Pty) Ltd

**Description:** Everite Hebel Autoclaved Aerated Concrete (AAC) Building System is an ultra-light concrete masonry product that consists of basic materials that are widely available. These include sand, cement, lime, fly ash, gypsum, aluminium powder paste, water and an expansion agent.

The panels are factory manufactured with external walls, 100 mm, 140 mm or 200 mm thick. Walls cast in either of two grades of aerated autoclaved concrete referred to as:

- G4/600 - having a density of 580 kg/m<sup>3</sup>
- G5/800 - having a density of 725 kg/m<sup>3</sup>

The foundations are conventional concrete strip footings or concrete raft with thickened edge beams. They are always the responsibility of a registered professional competent engineer.

The roof structures are conventional, and constructed from light-gauge galvanised steel trusses that must be designed by a professional registered competent engineer and erected under his supervision. The roof structure is clad with light- or heavy-weight cladding. Engineered timber gangnail trusses with a timber wall plate can also be used if required.

All services are conventional and electrical conduits are chased into the wall surface as one would do for conventional brick structures. The grooves are then filled using proprietary filling compound which is then sanded down and plastered over or simply painted depending on finishing requirements. 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