

DEPARTMENT OF PUBLIC WORKS

NO. 187

22 FEBRUARY 2019

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

Notice is hereby given that Agrément South Africa has, with effect from 06 September 2018, issued an Agrément certificate, details of which appear in the schedule hereto.

SCHEDULE

Agrément Certificate 2017/555 Amended September 2018

Subject: Everite Hebel Autoclaved Aerated Concrete (AAC) Block Building System

Certificate holder: Everite (Pty) Ltd

Description: Everite Hebel Autoclaved Aerated Concrete (AAC) Block Building System is light-weight concrete masonry product. The blocks are manufactured from widely available materials including hydraulic binders (cement, lime & fly ash), fine sand, aluminium powder (expansion agent) and water.

The blocks are factory produced in sizes of 600 mm long x 250 mm high, with thicknesses of 100mm, 110mm, 150mm & 220mm, with a density range of 580 – 600 kg/m³.

The walls (Interior & Exterior) are constructed by laying the blocks in a conventional stretcher bond using thin proprietary mortar. Both external & internal walls can be plastered with a minimum of 3 mm to a maximum of 10 mm thick conventional cement plaster and this must be done as per the manufacturer's specifications.

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.

Roof structures are conventional, steel or timber trusses that must be designed by a professional registered competent engineer and erected and fixed to the wall under his supervision. The roof structure is clad with light- or heavy-weight cladding.

All services are conventional and are chased into the wall surface as one would do with conventional brick structures. The grooves are then filled using thin proprietary mortar which is then sanded down and plastered over. Services on only 100 mm thick blocks must always be surface mounted. The 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 72381, LYNNWOOD RIDGE, 0040