

No. 161

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 26 March 2014, issued an Agrément certificate, details of which appear in the schedule hereto.

SCHEDULE
Agrément Certificate 2014/451

Name of product: Appletech Light Steel Frame Building System

Certificate holder: Apple Plastic SA (Pty) Ltd

Description: The Appletech Light Steel Frame Building System is frame structure comprising cold rolled light gauge steel sections designed and erected in accordance with **SANS 517**. The frame is either 2.4 m or 2.8 m high and studs are spaced at 600 mm or as specified by the design engineer. The cold rolled light gauge steel sections are 90 mm x 41 mm x 9.6 mm 0.8 mm thick galvanised lipped channel.

The foundations and the floor slab are conventional and are always the responsibility of a registered competent professional engineer.

The frame has Cavibatt glasswool fixed to the panel, normative reference of **SANS 1381-1** as infill material and is clad internally with a 15 mm fire-stop Gypsum board, normative reference: **SANS 266**. It is clad externally with an Oriented Strand Board (OSB) normative reference: **ASTM D7033**. This is further covered by a vapour permeable membrane and a 2 mm thick profiled Polyvinylchloride (PVC) layer.

Window and door frames are conventional and are installed in a pre-set frame that includes PVC modules at the factory. They can either be galvanised steel, aluminium or timber and must be specified and approved by relevant authority.

The roof trusses are constructed from light gauge galvanised steel channel sections or timber with light- or heavy- weight cladding and are always the responsibility of a registered competent professional engineer.

Electrical conduit holes are incorporated in the frame and all other services are conventional and must also be specified and approved by relevant authority.

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
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