

DEPARTMENT OF PUBLIC WORKS

NO. 301

18 MARCH 2016

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

Notice is hereby given that Agrément South Africa has, with effect from 06 August 2015, issued an Agrément certificate, details of which appear in the schedule hereto.

SCHEDULE

Agrément Certificate 2015/482

Name of product: Besta Board Building System

Certificate holder: Fast Track Contracting (Pty) Ltd

Description: Besta Board Building System is a single-storey structure that utilizes factory produced Fibrous Magnesium Oxide (MgO) boards and a light-weight steel superstructure that is sub-supported with a hot-dipped galvanised light-gauge steel frame designed and erected in accordance with **SANS 517**. The foundations and roofs are conventional and are always the responsibility of a registered competent person.

The steel is hot-rolled and complies with the requirements of **SANS 3575/ISO 3575** or **SANS 4998/ISO 4998**, and has a coating equivalent in corrosion resistance and robustness to galvanizing (Z275).

The Magnesium Oxide boards are reinforced with fibre glass mesh and are 2400 mm x 1200 mm x 10/12 mm in size. The light-weight steel superstructure has minimum yield strength of 300 MPa.

The external walls are made up of a light-gauge steel frame clad on either side with 12 mm thick MgO boards and the cavity is filled with 100 mm thick (24 kg/m³) mineral fibre insulation. Internal walls are made up of a light-gauge steel frame clad on either side with 10 mm thick MgO boards and the cavity is filled with 60 mm thick (24 kg/m³) mineral fibre insulation. The steel frame consists of studs spaced at 400 mm centres with bracings. The studs for external walls are 102 mm x 30 mm x 0.8 mm C-sections. The top and bottom rails for external walls are 103 mm x 30 mm x 0.8 mm C-sections. The studs for internal walls are 63 mm x 30 mm x 0.4 mm C-sections. The top and bottom rails for internal walls are 65 mm x 30 mm x 0.4 mm C-sections.

The roof consists of conventional steel or timber trusses with light- and heavy-weight cladding. The ceiling is conventional or a 6 mm thick Besta™ board. Floors are finished with a plain power floated floor, and in wet areas including kitchens, the floors are finished with 300 mm x 300 mm glazed ceramic tiles (as per client request).

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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PRETORIA
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