

NOTICE 473 OF 2014**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 12 December 2012, issued an Agrément certificate, details of which appear in the schedule hereto.

SCHEDULE

Agrément Certificate 2012/422

Name of product: SARDA Building System

Certificate holder: Sarda B.V.

Description:

The SARDA Building System is for single-storey buildings which are designed and erected under the control of a professional engineer or approved competent person who:

- ensure the structural integrity of the entire building, and
- adhere to the requirements of this certificate.

The system utilizes conventional concrete foundations and surface bed, 100 mm thick, which are the responsibility of a professional engineer. Walls are 307 mm thick and comprise interlocking Expanded Polystyrene (EPS) modules incorporating vertical cavities in which reinforcement steel, specified by the engineer, are installed and filled with shrinkage-free self-compacting concrete to form columns. The EPS modules provide permanent insulation and shuttering.

A continuous ring-beam made of reinforced concrete or light-weight steel is formed above window and door heights to support the roof structure. The walls are plastered with special cement-sand mortar in two layers, externally 18 mm thick and internally 8 mm thick. The internal face is further plastered with 16 mm thick gypsum. In all cases the plaster is reinforced with synthetic glass fibre-mesh and at corners with steel reinforcement mesh. The internal face is finished with acrylic paint and the external face with sand-cement plaster of 12 mm thick and 3 mm silicate plaster and acrylic paint.

Roofs are constructed of conventional light-weight steel trusses to **SANS 517** fixed on the ring beam with conventional roof cladding. The roof is insulated with 18 mm thick EPS and a conventional ceiling is always installed. Window and door frames are conventional and are installed in a pre-set frame. All other aspects of construction are conventional.

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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