NOTICE 1566 OF 2008

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 22 October 2008, issued an Agrément certificate, details of which appear in the schedule hereto.

SCHEDULE

Agrément Certificate No 2008/346

Name of product: Cemforce GRC Building System

Certificate holder: Cemforce CC

Description: The Cemforce GRC Building System utilises factory produced wall panels. The wall panels are 78±2 mm thick consisting of a polystyrene beaded concrete core with a dry density of 450 to 750 kg/m^3 encapsulated in 8mm thick skins of glass reinforced cement (GRC). The panel widths vary from 300mm to 1200mm and are 2,4m or 3,0m high. Polyvinyl chloride (PVC) conduits 15 mm diameters are cast running horizontally at the top and bottom of the panels. Galvanised mild steel anchor straps are cast into the bottom of the panels and wallplate anchor bolts in the tops of the panels.

The concrete floor slab is conventional with thickened edge beams cast on a damp-proof membrane. Bitumen emulsion dpc is applied to the bottom of all wall panels prior to erection. Wall panels are placed in position, starting from a corner, and the anchor straps are secured to the floor slab with drive-in nails. Mild steel post tensioning rods are threaded through the PVC conduits to secure the wall panels to one another. The wallplate is a mild steel box section secured to the anchor bolts.

Roof construction is conventional timber with light or heavyweight cladding. Insulated or uninsulated ceilings are always installed. Window and door frames are secured to bolts cast into the wall panels.

The Agrément certificate contains detailed information on the product and can be accessed at *http://www.agrement.co.za*

Copies are obtainable from: The Manager
Agrément South Africa
P O Box 395
0001 **PRETORIA**