

DEPARTMENT OF PUBLIC WORKS

NO. 1174

03 NOVEMBER 2017

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

Notice is hereby given that Agrément South Africa has, with effect from 10 October 2016, issued an Agrément certificate, details of which appear in the schedule hereto.

SCHEDULE
Agrément Certificate 2016/524

Subject: Forsa Aluminium Formwork System for Reinforced Concrete Buildings

Certificate holder: Forsa SA

Description: FORSA Aluminium Formwork System is a temporary shuttering system for the construction of reinforced concrete buildings. The formwork is a set of light, corrosion resistant aluminium wall and slab panels. The design, assembly and dismantling of the FORSA Aluminium Formwork System is always the responsibility of a registered competent structural engineer. The panels are made from grades 6061 and 6261 aluminium alloys welded by aluminium grade 5256.

The FORSA system is monolithic, thus, the walls and slabs of the building are poured simultaneously. It consists of three (3) essential parts: Wall panel, the maximum size 600 mm wide and 2400 mm high; slab panel, maximum size 800 mm x 1200 mm; and the wall slab junction which serves as a connector between the wall and slab panels. In addition there are caps, interior corners, wall covers for doors and windows and accessories for clamping, alignment tool (weiller).

A proprietary FORSA release agent is applied on the entire contact surface and sides of each of the panels using a plush roller, in two coats applied, prior to assembling. A levelled surface bed is essential for easy installation of the formwork and best performance, the surface bed must be at least 75 mm thick made from ≥ 20 MPa concrete. The size and type of the panel are pre-designed according to the architectural design of the proposed building.

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 395, **PRETORIA**, 0001