

## DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE

NO. 5466

25 October 2024

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

Notice is hereby given that Agrément South Africa has, with effect from 22 April 2024, **reappraised** an Agrément certificate, details of which appear in the schedule hereto.

## SCHEDULE

Agrément certificate 2014/450: (Reappraisal April 2024): Power Profile Building System

**Subject:** Power Profile Building System

**Certificate holder:** Shell Case 208 (Pty) Ltd

**Description:** Power Profile Building System utilises both conventional and innovative aspects of construction. The foundations are conventional and the responsibility of a registered professional, competent person.

The external walls are structural bearing prefabricated panels made up of a 50 mm thick expanded polystyrene core of density 16 kg/m<sup>3</sup> encapsulated by 0.5 mm zincalume sheets with AZ150 coating, which complies with the requirements of SANS 9364. The inside face of the panel is lined with 51 mm thick Isover glasswool cavitybatt insulation of density 14 kg/m<sup>3</sup> and 15 mm thick fire stop board. The overall thickness of the external wall panel is 117 mm. Internal walls are made from the same panel as the external walls but with 15 mm fire stop boards on either side.

All external wall panels are finished with two coats of water-based acrylic paint or any similar Agrément certified paint. One coat of the same paint is applied on the internal walls. In corrosive conditions the external wall facings are to be treated as specified in durability: explanatory notes, page 11 of 21 of this certificate.

The roof structure conventional and the design and erection are the responsibility of a registered competent person.

Windows and door frames are made up of aluminium or steel, and provisions for all openings are pre-cut during the panel manufacturing stage.

Electrical and plumbing services and/or conduits are conventional and must be specified and installed in accordance with good building practice.

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 1022, GARSFONTEIN, 0042