

**NOTICE 2405 OF 2004****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 21 July 2004, issued an Agrément certificate, details of which appear in the schedule hereto.

**SCHEDULE**

Agrément Certificate 2004/310

- Name of product:** Imison Stud Column Walling System  
**Certificate holder:** Imison Ltd  
**Description:** Imison Stud Column Walling System single or double storey buildings are constructed in accordance with a rational design prepared by a professional engineer that:-
- will ensure the structural integrity of the entire building
  - adheres to the construction details within this certificate.

The Imison Stud Column Walling System comprises:-

- a concrete surface bed with thickened foundation beams under external and internal walls, on non-problematic soils
- a galvanised light-gauge, cold-rolled structural steel frame
- core infill panels made up of expanded polystyrene or mineral wool insulation, a galvanised-steel reinforcing mesh cladding to both sides of the wall panel and on both sides spray-applied fibre-reinforced plaster
- a galvanised light-gauge, cold-rolled structural steel, first-floor dry deck
- timber or light-gauge, structural steel roof trusses.

The surface bed is cast on a bedding of polystyrene insulation, a damp-proof membrane and hardcore.

The columns are lipped-channel studs fixed to base and eaves channels. Cross-bracing is provided and columns can be reinforced with galvanised mild-steel angles or square tubing.

The columns, and the base and eaves channels slot into grooves cut into the edges of the core insulation.

Light-gauge dry decks form the first floor of double-storey buildings. They are constructed from perimeter channels and lipped-channel joists forming a one-way spanning floor.

Insulation is installed between the joists or to the underside of

the joists. Profiled steel sheeting is fixed to the top of the joists and clad with chipboard or plywood.

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**