

HI-PERFORMANCE GREEN BUILDING SYSTEM

Residential, Commercial and Industrial Structures.



Affordable housing solutions.

High Performance Structural Insulated Panels (SIP) for the **residential, commercial and industrial** market.

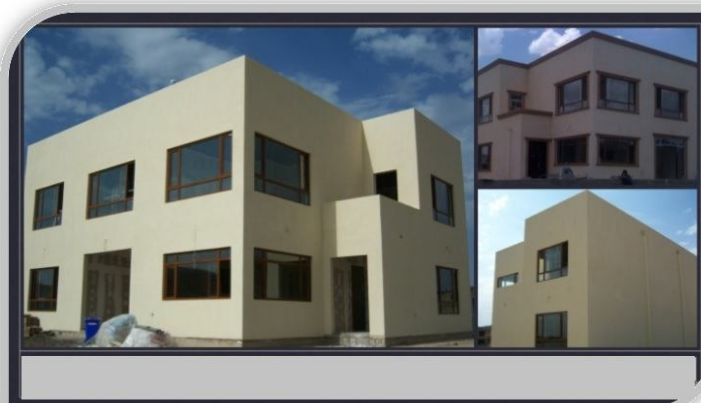


SIP consists of three types, utilizing various skins with polystyrene or polyurethane cores (EPS), assembled with a patented snap-together system. These panels are used for external, load-bearing walls as well as the roof and floor system to create an entire building envelope

that is impervious to the destructive forces of nature and is a **Cost-Efficient, Durable, Green Solution** for Homeowners, Builders, and Developers.



The panels are Green and are constructed from recycled materials. The technology provides for **low construction cost, high-energy efficiency, low environmental footprint, resistance to natural disasters** and **quick and easy construction with minimal waste.**



SIPs are pressure-laminated 25-gauge galvalume or magnesium sheets sandwiched on both sides of a computer cut and routed expanded polystyrene foam (EPS) or urethane core. Walls can be built to nearly any height and a variety of thicknesses and can be placed on a slab or raised foundation. The Panels have an interlocking system that is used in construction and have great structural integrity against the forces of nature. This also makes installation extremely quick, as most structures can be completed within one week at costs competitive to conventional construction methods.



Other benefits include protection from:

- Water
- Vermin
- Seismic rating of 8.1 on the Richter scale
- Mold
- Wind velocity of 160 mph
- Termites

This is a **Cost-Efficient, Durable, Green Solution** for homeowners, builders, and developers.

The SIP system carries the Energy Star rating, which allows structures built with our product to benefit from:

- Energy Efficient Mortgages
- Energy consumption reduction 58%-72%
- US State and Federal Tax Incentives
- Energy efficient, rapid speed of construction
- Lowered Utility Bills with 30% traditional build



The Agrément South Africa Certificate covers the use of our SIP Building Systems in all areas of South Africa.

SIP structures carry an exclusive **10-year warranty** through AIG (American International Group) that offers protection on the shell from virtually all forces of nature and is the only structural Insulated Panel which is International Code Council (ICC) approved (ICC-ES evaluation report 3238)

We can also facilitate **trade and project finance** to buyers, re-sellers, distributors and developers.

If you are interested and want more info, please let us know info@africabusiness.com

Thank you for your time.

