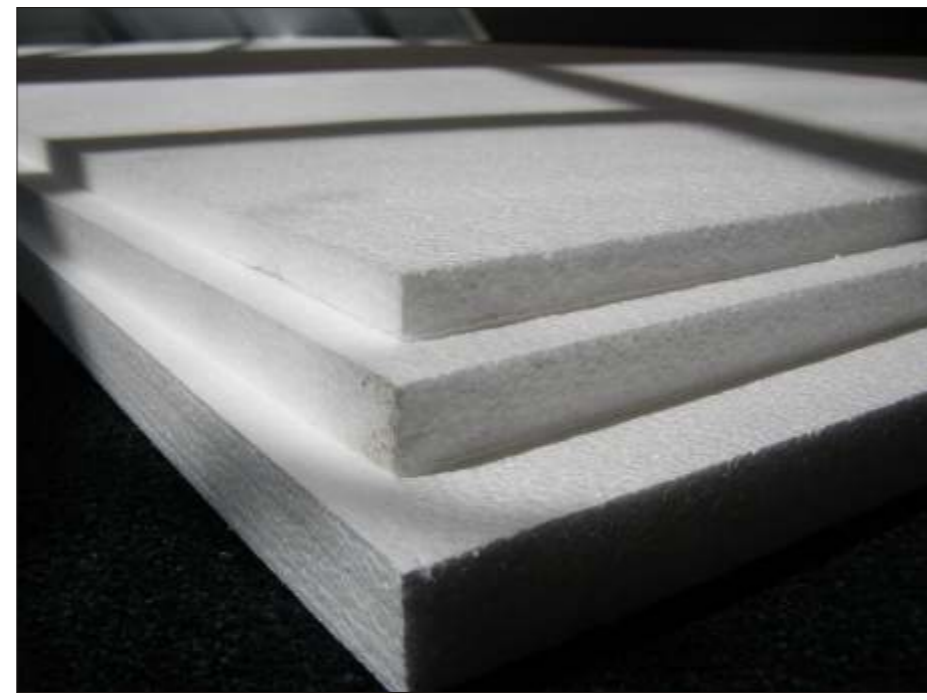


# EPS ENERGY EFFICIENT BUILDING SYSTEMS

## Building Components



Building Blocks



Flat Sheets



Void former/waffle



Decorative mouldings/  
Cornice

## Construction Applications



Perimeter wall under construction, residential estate, Nelspruit  
Size: 1,5 km long and 2.4 m high.  
Criteria for use:  
Speed of installation and cost.  
Laying rate:  
60 to 80 lineal metres per day. Average of 40m<sup>2</sup> of wall per day per crew (4 people).  
Cost:  
20% Less than a plastered brick wall.  
Low maintenance:  
Plastered with Styrox Styroplast system; finished colour plaster sand; not painted.



Upmarket multi-storey terraced house under construction, Zanadu Eco Park, Hartebeespoort Dam  
Floor area:  
700m<sup>2</sup>  
Criteria for use:  
Insulation.  
Application areas:  
Floors:  
EPS sheets under the floor slab to insulate floors.  
Walls:  
EPS to insulate walls (double glazing throughout).  
Ceilings:  
EPS ceiling system.



Chicken House under construction, Zeerust  
Size: 126m long and 15m wide.  
Criteria for use:  
Control of chicken breeding house temperatures.  
Application areas:  
Floors:  
EPS sheets under the floor slab to insulate floors.  
Walls:  
EPS to insulate walls. Provide structure sufficiently strong to support the fans.  
Celings:  
EPS ceiling system.  
Laying Rate:  
45 - 50m<sup>2</sup> of wall per day.

## Affordable, Safe, and Energy-efficient Housing Technology using Expanded Polystyrene



Ernie Els Estate



Soshanguve Show House



Mossel Bay

## KEY FOCUS ON:

Energy Efficiency and Low Maintenance  
Quick and Easy to Build  
Cost Competitive  
"Green"

