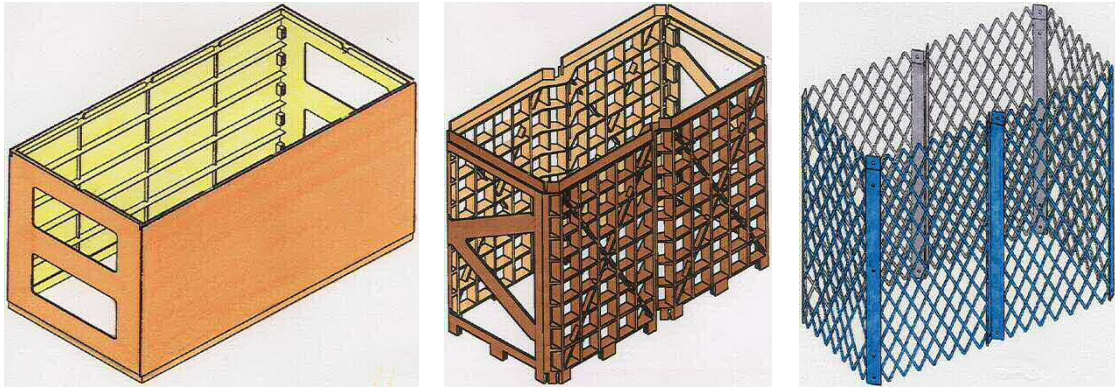
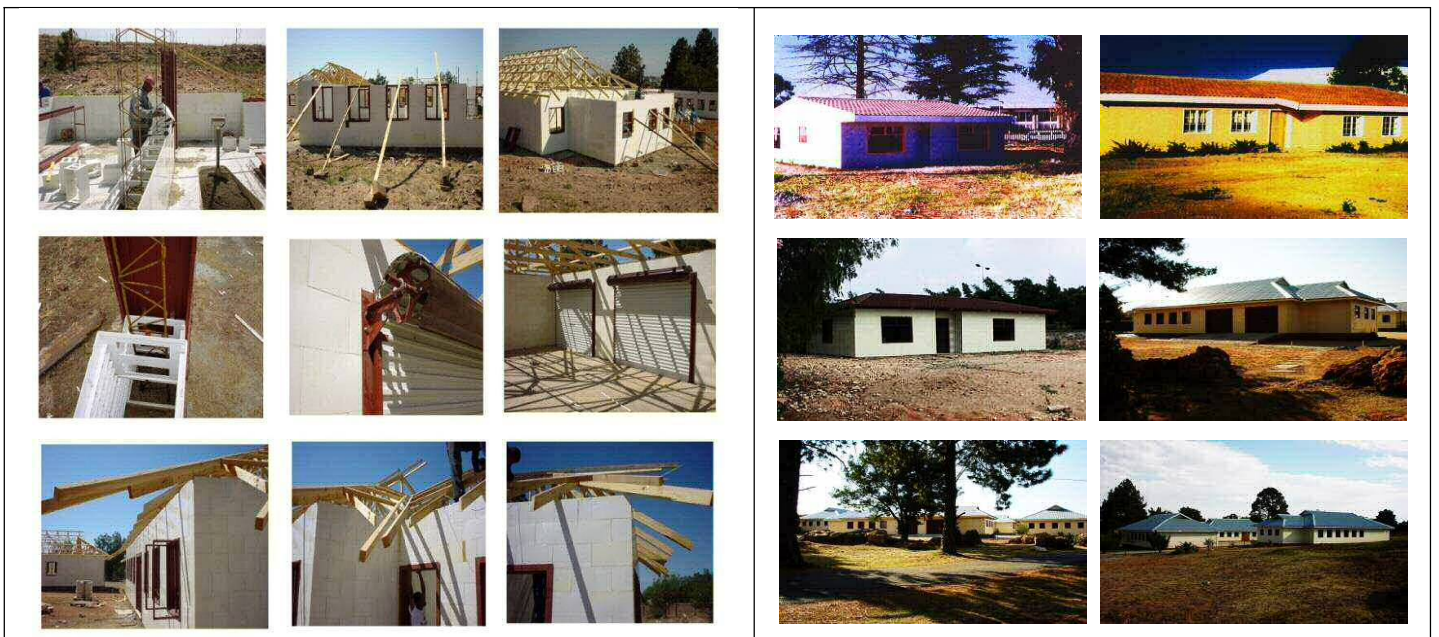


WOLFBRICK BUILDING SYSTEMS



Steven Wolfowitz, a chemical engineer, invented Wolfbricks to provide housing for increasing populations quickly. The original Wolfbrick 1 is shown on the left above. It consists of an open top & bottom box with two L-shaped halves joined at diagonal corners by patented in-moulded clips. The top walls have upstanding lips which fit into channels at the lower extremities to interlock them in a staggered wall formation, generate corners, etc. When injection moulded the halves nest adjacent each other compacting volumes to transport to building sites. Being injection moulded from ABS plastic they are very lightweight. Once erected, by unskilled labour, they are filled with a sand & cement mixture to provide stability and immobility for buildings. Vertical & horizontal steel rebars, wiring and plumbing are fitted internally before filling. Agreement Mantag Certification was obtained. Heat transfer is minimized by the composite system keeping interior temperatures stable. A worldwide development program with General Electric Plastics was commenced but terminated due to disagreement regarding the way forward.



Wolfbricks 2 and 3 were designed so the outsides could be plastered to render the bricks appearance natural. Special novel and inventive interlocking systems were incorporated and surface nodules provided to enable easy plastering by unskilled workers. Wolfbrick 2 was injected moulded from Polypropylene and Wolfbrick 3 was manufactured by a special patented expanded metal process including solid unexpanded sections for connecting them together. These steelbricks were supplied and transported flat and bent into L-shapes on site and were considerably cheaper.