



The Supaloc System

Steel Building Systems is taking steel framing to the world. With its strong, engineered and durable product, Supaloc is the most trustworthy and renowned system for steel framed homes. Supaloc frames comprise a precision engineered system, operating with the latest computer software for its design and manufacture. In its engineering of framing and truss product accurate to +/- .5mm, Supaloc embraces a degree of accuracy that was previously unheard of in housing construction. Quality is a central component of the Supaloc product, evident through the use of the highest quality BlueScope G550 high-tensile TrueCore Steel.

The Supaloc system provides a smart and innovative way to build through its use of Real-CAD driven machinery. Real-CAD (Computer Aided Design) is a software package which enables draftspersons to draw projects in a 3D environment. This software is specially customised to the Supaloc system and provides great speed and accuracy. The Roll Form machines are actioned by a transfer file, which receives data from a Real-CAD file. This transfer file automatically sets up the wall and roof truss layout, directly from the Real Cad file. This transfer file is exclusive to Steel Building Systems and guarantees pinpoint accuracy of all data, including window and door locations, head height connection points, etc. This leading edge technology leaves little margin for human error.

The Supaloc system provides unique features that no other system in the world can provide. The distinctiveness of the truss is evident in the way that it locates webs by single bolt fixing, providing optimum load transference. The webs are located centrally in the truss profile (chord). The chord is of a special patented design, offering benefits such as zero eave line, simple fixing and ability to be easily flat packed and assembled on site. The truss is engineered and approved for 1200mm centres in sheet and tiled roofs.

Supaloc is the only system where the wall frame stud is recessed at the top, bottom and noggling line, allowing a perfect flat surface for wallboard fixing. The wall frame section utilises an asymmetric lipped C-section with four service holes for faster and easier electrical and plumbing installation.

Supaloc frames reduce difficulty and time on site. The panelised wall frames fit perfectly on site. The unique patented truss to truss connections do not require any screw fixing on site. The hip and jack trusses simply clip into each other reducing site time significantly and guaranteeing structural integrity. Steel Building Systems Australia Pty Ltd is an Australian Company that embraces leading edge technology.